

R150A1-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R150A1-A-CC	
Cooling Capacity	kW	1.6
Input Power	kW	1.8
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	7.1
	Maximum	10.4
Refrigerant	Type	R134a
	Charge (kg)	1.0
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Haili
	Power (kW)	0.8
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Coil in Tank
	Tank Volume (L)	80
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	150

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R150A1-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R150A1-A-PP	
Cooling Capacity	kW	2.0
Input Power	kW	1.8
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	6.8
	Maximum	10.1
Refrigerant	Type	R134a
	Charge (kg)	1.0
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Haili
	Power (kW)	0.8
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Plate Pack
	Tank Volume (L)	21
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	150

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R180A1-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R180A1-A-CC	
Cooling Capacity	kW	2.3
Input Power	kW	1.9
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	8.2
	Maximum	18.0
Refrigerant	Type	R134a
	Charge (kg)	1.4
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	1.0
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Coil in Tank
	Tank Volume (L)	80
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	160

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R150A1-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R150A1-410-CC	
Cooling Capacity	kW	2.5
Input Power	kW	1.9
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	6.3
	Maximum	9.2
Refrigerant	Type	R410A
	Charge (kg)	0.9
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Panasonic
	Power (kW)	0.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Coil in Tank
	Tank Volume (L)	80
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	150

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R150A1-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R150A1-410-PP	
Cooling Capacity	kW	2.6
Input Power	kW	1.9
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	6.3
	Maximum	9.2
Refrigerant	Type	R410A
	Charge (kg)	0.9
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Panasonic
	Power (kW)	0.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Plate Pack
	Tank Volume (L)	21
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	150

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R230A1-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R230A1-A-CC	
Cooling Capacity	kW	2.7
Input Power	kW	2.2
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	8.0
	Maximum	20.0
Refrigerant	Type	R134a
	Charge (kg)	2.1
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	1.3
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Coil in Tank
	Tank Volume (L)	80
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	170

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R180A1-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R180A1-410-CC	
Cooling Capacity	kW	2.8
Input Power	kW	1.9
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	6.9
	Maximum	10.2
Refrigerant	Type	R410A
	Charge (kg)	1.6
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Panasonic
	Power (kW)	1.0
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Coil in Tank
	Tank Volume (L)	80
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	160

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R180A1-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R180A1-A-PP	
Cooling Capacity	kW	3.3
Input Power	kW	1.9
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	6.1
	Maximum	17.7
Refrigerant	Type	R134a
	Charge (kg)	1.4
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	1.0
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Plate Pack
	Tank Volume (L)	21
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	160

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R180A1-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R180A1-410-PP	
Cooling Capacity	kW	3.6
Input Power	kW	2.1
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	7.0
	Maximum	10.2
Refrigerant	Type	R410A
	Charge (kg)	1.6
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Panasonic
	Power (kW)	1.1
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Plate Pack
	Tank Volume (L)	21
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	160

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R300A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R300A3-A-CC	
Cooling Capacity	kW	3.8
Input Power	kW	2.5
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	6.5
	Maximum	13.0
Refrigerant	Type	R134a
	Charge (kg)	2.6
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	1.6
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Coil in Tank
	Tank Volume (L)	80
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	180

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R230A1-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R230A1-A-PP	
Cooling Capacity	kW	3.8
Input Power	kW	2.3
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	7.9
	Maximum	19.7
Refrigerant	Type	R134a
	Charge (kg)	2.1
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	1.3
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Plate Pack
	Tank Volume (L)	21
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	170

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R330A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R330A3-A-CC	
Cooling Capacity	kW	4.2
Input Power	kW	3.0
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	6.2
	Maximum	13.0
Refrigerant	Type	R134a
	Charge (kg)	3.0
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	2.0
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Coil in Tank
	Tank Volume (L)	80
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	190

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R300A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R300A3-410-CC	
Cooling Capacity	kW	4.2
Input Power	kW	2.9
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	5.9
	Maximum	12.0
Refrigerant	Type	R410A
	Charge (kg)	2.6
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	2.0
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Coil in Tank
	Tank Volume (L)	80
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	180

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R230A1-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R230A1-410-CC	
Cooling Capacity	kW	4.3
Input Power	kW	2.6
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	9.3
	Maximum	14.5
Refrigerant	Type	R410A
	Charge (kg)	2.0
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Panasonic
	Power (kW)	1.6
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Coil in Tank
	Tank Volume (L)	80
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	170

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R330A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R330A3-410-CC	
Cooling Capacity	kW	5.0
Input Power	kW	3.5
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	7.1
	Maximum	12.0
Refrigerant	Type	R410A
	Charge (kg)	3.2
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	2.5
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Coil in Tank
	Tank Volume (L)	80
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	190

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R300A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R300A3-A-PP	
Cooling Capacity	kW	5.2
Input Power	kW	2.6
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	6.3
	Maximum	12.7
Refrigerant	Type	R134a
	Charge (kg)	2.6
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	1.7
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Plate Pack
	Tank Volume (L)	21
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	180

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R230A1-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R230A1-410-PP	
Cooling Capacity	kW	5.2
Input Power	kW	2.6
	Power	1PH/240V/50HZ
Current Draw (A)	Operation	9.2
	Maximum	14.5
Refrigerant	Type	R410A
	Charge (kg)	2.0
	Control Method	Expansion Valve
Compressor	Type	Rotary
	Number in Chiller	1
	Brand	Panasonic
	Power (kW)	1.6
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Plate Pack
	Tank Volume (L)	21
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	170

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R330A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R330A3-A-PP	
Cooling Capacity	kW	5.8
Input Power	kW	3.2
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	6.1
	Maximum	12.7
Refrigerant	Type	R134a
	Charge (kg)	3.0
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	2.3
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Plate Pack
	Tank Volume (L)	21
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	190

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R300A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R300A3-410-PP	
Cooling Capacity	kW	5.9
Input Power	kW	3.0
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	6.5
	Maximum	12.0
Refrigerant	Type	R410A
	Charge (kg)	2.6
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	2.0
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Plate Pack
	Tank Volume (L)	21
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	180

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R420A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R420A3-A-CC	
Cooling Capacity	kW	6.2
Input Power	kW	4.2
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	9.8
	Maximum	18.2
Refrigerant	Type	R134a
	Charge (kg)	3.1
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	2.1
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	350

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R330A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R330A3-410-PP	
Cooling Capacity	kW	6.9
Input Power	kW	3.6
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	7.3
	Maximum	12.0
Refrigerant	Type	R410A
	Charge (kg)	3.2
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	2.7
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	2200
Evaporator	Type	Plate Pack
	Tank Volume (L)	21
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	2 m3/h 0.56 L/s
	Model	CHLF2-60
Dimensions and Weight	Length (mm)	1365
	Width (mm)	640
	Height (mm)	1290
	Weight (Kg)	190

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R420A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R420A3-410-CC	
Cooling Capacity	kW	7.0
Input Power	kW	4.3
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	8.0
	Maximum	17.0
Refrigerant	Type	R410A
	Charge (kg)	4.2
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	2.3
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	350

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R540A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R540A3-A-CC	
Cooling Capacity	kW	8.0
Input Power	kW	4.4
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	11.5
	Maximum	18.2
Refrigerant	Type	R134a
	Charge (kg)	3.5
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	2.4
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	380

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R420A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R420A3-A-PP	
Cooling Capacity	kW	8.1
Input Power	kW	4.2
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	8.8
	Maximum	17.0
Refrigerant	Type	R134a
	Charge (kg)	3.1
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	2.2
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	350

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R670A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R670A3-A-CC	
Cooling Capacity	kW	9.1
Input Power	kW	5.1
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	13.0
	Maximum	21.0
Refrigerant	Type	R134a
	Charge (kg)	4.2
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	3.1
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	410

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R540A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R540A3-410-CC	
Cooling Capacity	kW	9.3
Input Power	kW	4.7
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	9.6
	Maximum	17.5
Refrigerant	Type	R410A
	Charge (kg)	3.2
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	2.7
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	380

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R420A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R420A3-410-PP	
Cooling Capacity	kW	9.4
Input Power	kW	4.3
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	8.1
	Maximum	17.0
Refrigerant	Type	R410A
	Charge (kg)	4.2
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	2.3
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	350

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R540A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R540A3-A-PP	
Cooling Capacity	kW	9.7
Input Power	kW	4.5
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	10.1
	Maximum	17.2
Refrigerant	Type	R134a
	Charge (kg)	3.5
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	2.4
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	380

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R670A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R670A3-A-PP	
Cooling Capacity	kW	11
Input Power	kW	5.1
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	12.0
	Maximum	20.0
Refrigerant	Type	R134a
	Charge (kg)	4.2
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	3.1
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	410

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R670A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R670A3-410-CC	
Cooling Capacity	kW	11
Input Power	kW	5.5
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	11.1
	Maximum	19.0
Refrigerant	Type	R410A
	Charge (kg)	5.5
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	3.5
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	410

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R830A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R830A3-A-CC	
Cooling Capacity	kW	12
Input Power	kW	5.9
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	15.4
	Maximum	28.0
Refrigerant	Type	R134a
	Charge (kg)	4.8
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	3.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	440

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R540A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R540A3-410-PP	
Cooling Capacity	kW	12
Input Power	kW	4.8
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	9.6
	Maximum	17.5
Refrigerant	Type	R410A
	Charge (kg)	3.2
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	2.7
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	380

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R830A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R830A3-A-PP	
Cooling Capacity	kW	14
Input Power	kW	6.0
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	14.4
	Maximum	27.0
Refrigerant	Type	R134a
	Charge (kg)	4.8
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	3.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	440

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R830A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R830A3-410-CC	
Cooling Capacity	kW	14
Input Power	kW	6.1
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	11.2
	Maximum	23.0
Refrigerant	Type	R410A
	Charge (kg)	5.9
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	4.1
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	440

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R670A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R670A3-410-PP	
Cooling Capacity	kW	15
Input Power	kW	5.5
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	11.1
	Maximum	19.0
Refrigerant	Type	R410A
	Charge (kg)	5.5
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	3.5
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	410

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1000A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1000A3-A-CC	
Cooling Capacity	kW	16
Input Power	kW	7.1
	Power	3PH/415V/50HZ
Current Draw (A)	Operation	19.5
	Maximum	40.0
Refrigerant	Type	R134a
	Charge (kg)	6.4
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	5.1
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	470

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1200A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1200A3-A-CC	
Cooling Capacity	kW	17
Input Power	kW	8.5
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	21.6
	Maximum	40.0
Refrigerant	Type	R134a
	Charge (kg)	7.0
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	6.5
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	500

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R830A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R830A3-410-PP	
Cooling Capacity	kW	17
Input Power	kW	6.1
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	11.2
	Maximum	23.0
Refrigerant	Type	R410A
	Charge (kg)	5.9
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	4.1
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	440

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1000A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1000A3-410-CC	
Cooling Capacity	kW	18
Input Power	kW	7.1
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	14.5
	Maximum	29.0
Refrigerant	Type	R410A
	Charge (kg)	7.9
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	5.1
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	470

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1000A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1000A3-A-PP	
Cooling Capacity	kW	19
Input Power	kW	8.3
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	18.9
	Maximum	39.0
Refrigerant	Type	R134a
	Charge (kg)	6.4
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	6.3
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	470

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1330A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1330A3-A-CC	
Cooling Capacity	kW	20
Input Power	kW	9.6
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	23.7
	Maximum	39.0
Refrigerant	Type	R134a
	Charge (kg)	8.4
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	7.6
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	530

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1200A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1200A3-A-PP	
Cooling Capacity	kW	20
Input Power	kW	8.9
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	21.0
	Maximum	39.0
Refrigerant	Type	R134a
	Charge (kg)	7.0
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	6.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	500

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1200A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1200A3-410-CC	
Cooling Capacity	kW	20
Input Power	kW	8.0
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	15.6
	Maximum	30.0
Refrigerant	Type	R410A
	Charge (kg)	9.2
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	5.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	500

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1000A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1000A3-410-PP	
Cooling Capacity	kW	21
Input Power	kW	7.2
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	14.7
	Maximum	29.0
Refrigerant	Type	R410A
	Charge (kg)	7.9
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	5.2
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	470

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1330A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1330A3-A-PP	
Cooling Capacity	kW	23
Input Power	kW	9.8
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	22.9
	Maximum	38.0
Refrigerant	Type	R134a
	Charge (kg)	8.4
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	7.8
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	44
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	530

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1500A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1500A3-A-CC	
Cooling Capacity	kW	24
Input Power	kW	11
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	27.3
	Maximum	49.3
Refrigerant	Type	R134a
	Charge (kg)	8.9
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	6.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	495
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m ³ /h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	700

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1330A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1330A3-410-CC	
Cooling Capacity	kW	24
Input Power	kW	8.9
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	17.0
	Maximum	29.0
Refrigerant	Type	R410A
	Charge (kg)	11
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	6.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	180
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	530

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1200A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1200A3-410-PP	
Cooling Capacity	kW	24
Input Power	kW	8.1
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	15.8
	Maximum	30.0
Refrigerant	Type	R410A
	Charge (kg)	9.2
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	6.1
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	500

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1500A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1500A3-A-PP	
Cooling Capacity	kW	27
Input Power	kW	11
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	25.7
	Maximum	47.6
Refrigerant	Type	R134a
	Charge (kg)	8.9
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	7.1
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Plate Pack
	Tank Volume (L)	270
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m ³ /h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	700

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1330A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1330A3-410-PP	
Cooling Capacity	kW	27
Input Power	kW	9.1
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	17.2
	Maximum	29.0
Refrigerant	Type	R410A
	Charge (kg)	11
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	7.0
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	9000
Evaporator	Type	Plate Pack
	Tank Volume (L)	70
	Inlet/outlet Pipe	1"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	45
	Flow Rate (L/s)	4 m3/h 1.11 L/s
	Model	CHLF4-60
Dimensions and Weight	Length (mm)	1765
	Width (mm)	850
	Height (mm)	1756
	Weight (Kg)	530

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1500A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1500A3-410-CC	
Cooling Capacity	kW	29
Input Power	kW	12
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	22.8
	Maximum	37.2
Refrigerant	Type	R410A
	Charge (kg)	13
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	7.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	495
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m ³ /h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	700

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R1500A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R1500A3-410-PP	
Cooling Capacity	kW	34
Input Power	kW	12
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	23.0
	Maximum	37.2
Refrigerant	Type	R410A
	Charge (kg)	13
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	8.0
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Plate Pack
	Tank Volume (L)	270
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m ³ /h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	700

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R2000A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R2000A3-A-CC	
Cooling Capacity	kW	36
Input Power	kW	16
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	32.2
	Maximum	65.3
Refrigerant	Type	R134a
	Charge (kg)	15
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	12.2
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	495
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m ³ /h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	750

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R2000A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R2000A3-410-CC	
Cooling Capacity	kW	37
Input Power	kW	14
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	27.8
	Maximum	45.8
Refrigerant	Type	R410A
	Charge (kg)	17
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	10.5
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	495
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m ³ /h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	750

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R2000A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R2000A3-A-PP	
Cooling Capacity	kW	38
Input Power	kW	16
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	30.6
	Maximum	63.6
Refrigerant	Type	R134a
	Charge (kg)	15
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	12.3
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Plate Pack
	Tank Volume (L)	270
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m ³ /h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	750

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R2000A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R2000A3-410-PP	
Cooling Capacity	kW	42
Input Power	kW	15
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	28.1
	Maximum	45.8
Refrigerant	Type	R410A
	Charge (kg)	17
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	10.8
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Plate Pack
	Tank Volume (L)	270
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m3/h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	750

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R2500A3-A-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R2500A3-A-CC	
Cooling Capacity	kW	44
Input Power	kW	19
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	34.8
	Maximum	83.3
Refrigerant	Type	R134a
	Charge (kg)	18
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	15.5
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	495
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m ³ /h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	850

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R2500A3-410-CC

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R2500A3-410-CC	
Cooling Capacity	kW	47
Input Power	kW	18
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	32.9
	Maximum	58.2
Refrigerant	Type	R410A
	Charge (kg)	23
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Danfoss
	Power (kW)	14.5
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Coil in Tank
	Tank Volume (L)	495
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m ³ /h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	850

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R2500A3-A-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R2500A3-A-PP	
Cooling Capacity	kW	48
Input Power	kW	20
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	33.4
	Maximum	81.6
Refrigerant	Type	R134a
	Charge (kg)	18
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	15.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Plate Pack
	Tank Volume (L)	270
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m3/h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	850

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226



R2500A3-410-PP

Our ThermalX R Series chillers have stood the test of time in the harshest Australian conditions.



KEY FEATURES

- > Built with world-market-leading component brands such as Emerson and Danfoss compressors and Schneider electrics.
- > Hydrophilic-coated aluminium condenser fins with an optional upgrade e-coating option for additional corrosion protection.
- > Laden with safety features, such as phase failure protection, flow meter alarm protection, high and low pressure protection, included as a standard feature in all R Series chillers.
- > Easy to read and use PCB which provides advanced information such as flow rates, pressures and temperatures.
- > Multiple evaporator types available including coil-in-tank, shell-and-tube or plate heat exchanger available
- > Manually controlled water bypass valve to reduce water flow to suit applications.
- > Supports remote start/stop/on/off , remote alarm signal output, and remote run signal.
- > Available in both air-cooled and water-cooled configurations and open or closed loop pipework to suit the process needs
- > Designed for and tested in Australian conditions

SPECIFICATIONS

Model	R2500A3-410-PP	
Cooling Capacity	kW	55
Input Power	kW	19
	Power	3PH~415V/50HZ
Current Draw (A)	Operation	33.4
	Maximum	58.2
Refrigerant	Type	R410A
	Charge (kg)	23
	Control Method	Expansion Valve
Compressor	Type	Scroll
	Number in Chiller	1
	Brand	Emerson
	Power (kW)	14.9
Condensor	Type	Hydrophilic Aluminium fin with low noise rotor fan
	Cooling air flow	13000
Evaporator	Type	Plate Pack
	Tank Volume (L)	270
	Inlet/outlet Pipe	1 1/2"
Water Pump Standard Option Stainless Steel #304 Pump / Pipes	Avail Lift (m)	39.5
	Flow Rate (L/s)	12 m ³ /h 3.33 L/s
	Model	CHLF12-40
Dimensions and Weight	Length (mm)	2365
	Width (mm)	1000
	Height (mm)	2000
	Weight (Kg)	850

BENEFITS

- Using the advanced PCB, multi-chiller control options are available that allow benefits such as redundancy, control, remote start / stop and performance monitoring. Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Internal buffer tanks ensure that temperature remains consistent under varying loads.
- Integrated internal process pump
- Customisable - options include removing internal tanks, upgrading pumps, secondary heat exchangers for drinking water applications plus more
- Extensive parameter settings to suit a variety of applications.

SAFETY FEATURES

- Compressor internal protectors respond to over-current and overheating
- High- and Low-Pressure Protection
- Temperature Protection via High and Low Alarm
- Flow Switch Protection
- Phase Sequence or Missing Phase Protection
- Low Water Level Alarm Protection

Quality Assured

All Aqua Cooler chillers are tested throughout the manufacturing process followed by a substantial and comprehensive test upon completion and again before dispatch. Coupled with the world's most trusted component brands, Aqua Cooler's products are designed and built to last in Australian conditions.



NOTES

1. Nominal cooling capacity is calculated with 7°C chilled-water supply and 35°C inlet cooling air temperature at system flow rate and pressure
2. Working conditions:
 - Recommended temperature range of chilled fluid: 3°C and 25°C. Use of glycol recommended for set points under 3°C.
 - Temperature difference between inlet and outlet chilled fluid between 3°C and 10°C
 - We recommend the use of R134a when ambient temperatures are expected to reach 40°C+
3. Operation current draw (OCD) per phase at design point - Measure under Evaporating Temp: 2°C | Condensing Temp: 50°C | Superheat: 5K | Subcooling: 2K
4. The flow rate is the nominal flow rate at the available lift. The actual flow rate will depend on the load requirement and the pump curve. Upgraded pump available on request.
5. Errors and Omissions Excepted.

Online: www.aquacooler.com
Email: care@aquacooler.com
Phone: 1300 278 226

