



AIR-COOLED WATER CHILLERS

ACQ Series



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Air-Cooled Water Chillers

Air-cooled water chiller ACQ 1000

Air-cooled water chiller ACQ 1000 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Industrial water cooled chiller ACQ 1001

Industrial water cooled chiller ACQ 1001 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston

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- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Industrial water cooled chiller ACQ 1002

Industrial water cooled chiller ACQ 1002 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

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Industrial water cooled chiller ACQ 1003

Industrial water cooled chiller ACQ 1003 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Industrial water cooled chiller ACQ 1004

Industrial water cooled chiller ACQ 1004 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston

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- ✘ Condenser type : Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Industrial water cooled chiller ACQ 1005

Industrial water cooled chiller ACQ 1005 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

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Industrial water cooled chiller ACQ 1006

Industrial water cooled chiller ACQ 1006 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Industrial water cooled chiller ACQ 1007

Industrial water cooled chiller ACQ 1007 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston

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- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Industrial water cooled chiller ACQ 1008

Industrial water cooled chiller ACQ 1008 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

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Industrial water cooled chiller ACQ 1009

Industrial water cooled chiller ACQ 1009 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A /R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Industrial water cooled chiller ACQ 1010

Industrial water cooled chiller ACQ 1010 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston

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- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Industrial water cooled chiller ACQ 1011

Industrial water cooled chiller ACQ 1011 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

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Industrial water cooled chiller ACQ 1012

Industrial water cooled chiller ACQ 1012 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Industrial water cooled chiller ACQ 1013

Industrial water cooled chiller ACQ 1013 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston

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- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Industrial water cooled chiller ACQ 1014

Industrial water cooled chiller ACQ 1014 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

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Industrial water cooled chiller ACQ 1015

Industrial water cooled chiller ACQ 1015 is a micro-computer controlled chiller with a temperature range from 3 °C to 30 °C. It is equipped with a refrigerant type of R134A / R22 / R407C / R410A / R404A. It has a refrigeration capacity from 1316 kcal/h to 156245 kcal/h. It is equipped with a hermetic scroll type compressor which prevents leakage.

Features

- ✘ Insulation material: Insulation sleeve
- ✘ Stainless steel open water tank for efficient cleaning and maintaining
- ✘ Temperature range: 3 °C to 30 °C
- ✘ Compressor type: Hermetic scroll type/piston
- ✘ Condenser type: Efficient copper tube shell
- ✘ Overloaded protection from current and pressure protection
- ✘ Strong cooling ability and micro-computer control
- ✘ Screen liquid crystal display
- ✘ Water tank capacity is customizable

Applications

Air-cooled water chillers can be used in cooling processes in plastics industry, electroplating industry, chemical industry, pharmaceutical industry, food industry, etc.

Air-Cooled Water Chillers

Specifications

| MODEL | ACQ 1000 | ACQ 1001 | ACQ 1002 | ACQ 1003 |
|--------------------------|-----------------------------|-----------------------------|---------------------------------|---------------------------------|
| Temperature range | 3 °C ~ RT | 3 °C ~ RT | 3 °C ~ RT | 3 °C ~ RT |
| Total power | 1.27 kW | 2.02 kW | 2.85 kW | 3.65 kW |
| Water tank capacity | 20 L | 20 L | 20 L | 20 L |
| Current | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps |
| Compressor | Hermetic scroll type/piston | Hermetic scroll type/piston | Hermetic scroll type/piston | Hermetic scroll type/piston |
| Power supply | 1N-220 V; 50 Hz/ 60 Hz | 1N-220 V; 50 Hz/ 60 Hz | 3N-380 V/415 V; 50 Hz/ 60 Hz | 3N-380 V/415 V; 50 Hz/ 60 Hz |
| Circulating pump | 0.37 kW | 0.37 kW | 0.37 kW | 0.37 kW |
| Machine size (L x W x H) | 680 x 420 x 720 mm | 800 x 480 x 850 mm | 940 x 555 x 1060 mm | 940 x 555 x 1060 mm |
| Weight | 60 kgs | 90 kgs | 130 kgs | 140 kgs |

Air-Cooled Water Chillers

Specifications

| MODEL | ACQ 1004 | ACQ 1005 | ACQ 1006 |
|--------------------------|---------------------------------|---------------------------------|---------------------------------|
| Temperature range | 3 °C ~ RT | 3 °C ~ RT | 3 °C ~ RT |
| Total power | 4.86 kW | 5.61 kW | 7.65 kW |
| Water tank capacity | 20 L | 20 L | 20 L |
| Current | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps |
| Compressor | Hermetic scroll type/piston | Hermetic scroll type/piston | Hermetic scroll type/piston |
| Power supply | 3N-380 V/415 V; 50 Hz/ 60 Hz | 3N-380 V/415 V; 50 Hz/ 60 Hz | 3N-380 V/415 V; 50 Hz/ 60 Hz |
| Circulating pump | 0.75 kW | 0.75 kW | 0.75 kW |
| Machine size (L x W x H) | 1045 x 555 x 1160 mm | 1045 x 555 x 1160 mm | 1330 x 725 x 1330 mm |
| Weight | 170 kgs | 210 kgs | 270 kgs |

Air-Cooled Water Chillers

Specifications

| MODEL | ACQ 1007 | ACQ 1008 | ACQ 1009 | ACQ 1010 |
|--------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| Temperature range | 3 °C ~ RT | 3 °C ~ RT | 3 °C ~ RT | 3 °C ~ RT |
| Total power | 9.9 kW | 11.4 kW | 13.7 kW | 18.8 kW |
| Water tank capacity | 20 L | 20 L | 20 L | 20 L |
| Current | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps |
| Compressor | Hermetic scroll type/piston | Hermetic scroll type/piston | Hermetic scroll type/piston | Hermetic scroll type/piston |
| Power supply | 3N-380 V/415 V; 50 Hz/ 60 Hz | 3N-380 V/415 V; 50 Hz/ 60 Hz | 3N-380 V/415 V; 50 Hz/ 60 Hz | 3N-380 V/415 V; 50 Hz/ 60 Hz |
| Circulating pump | 1.5 kW | 1.5 kW | 1.5 kW | 2.2 kW |
| Machine size (L x W x H) | 1330 x 725 x 1330 mm | 1550 x 750 x 1460 mm | 1550 x 750 x 1460 mm | 1760 x 860 x 1560 mm |
| Weight | 350 kgs | 370 kgs | 480 kgs | 590 kgs |

Air-Cooled Water Chillers

Specifications

| MODEL | ACQ 1011 | ACQ 1012 | ACQ 1013 | ACQ 1014 | ACQ 1015 |
|--------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Temperature range | 3 °C ~ RT | 3 °C ~ RT | 3 °C ~ RT | 3 °C ~ RT | 3 °C ~ RT |
| Total power | 22.75 kW | 28.5 kW | 37.1 kW | 46.2 kW | 55.2 kW |
| Water tank capacity | 20 L | 20 L | 20 L | 20 L | 20 L |
| Current | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps | 8 Amps ~ 200 Amps |
| Compressor | Hermetic scroll type/piston | Hermetic scroll type/piston | Hermetic scroll type/piston | Hermetic scroll type/piston | Hermetic scroll type/piston |
| Power supply | 3N-380 V/ 415 V; 50 Hz/ 60 Hz | 3N-380 V/ 415 V; 50 Hz/ 60 Hz | 3N-380 V/ 415 V; 50 Hz/ 60 Hz | 3N-380 V/ 415 V; 50 Hz/ 60 Hz | 3N-380 V/ 415 V; 50 Hz/ 60 Hz |
| Circulating pump | 2.2 kW | 4 kW | 4 kW | 4 kW | 5.5 kW |
| Machine size (L × W × H) | 1970 × 900 × 1700 mm | 1970 × 900 × 1700 mm | 1700 × 1450 × 1700 mm | 2400 × 1450 × 1700 mm | 2400 × 1450 × 1700 mm |
| Weight | 790 kgs | 880 kgs | 1000 kgs | 1280 kgs | 1420 kgs |