



WATER COOLED CHILLER

WCQ Series



Water cooled chiller WCQ 2000

Water cooled chiller WCQ 2000 is a micro-computer controlled chillers 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 8251 kcal/h to 170383 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

Water cooled chiller WCQ 2001

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Water cooled chiller WCQ 2002

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Water cooled chiller WCQ 2003

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Water cooled chiller WCQ 2004

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Water cooled chiller WCQ 2005

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Water cooled chiller WCQ 2006

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Water cooled chiller WCQ 2007

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Water cooled chiller WCQ 2008

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Water cooled chiller WCQ 2009

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Water cooled chiller WCQ 2010

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Water cooled chiller WCQ 2011

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Water cooled chiller WCQ 2012

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Water cooled chiller WCQ 2013

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Applications

Industrial water chiller can be used in cooling processes in plastics industry, electroplating industry, chemical industry, pharmaceutical industry, food industry, etc.

Specifications

MODEL	WCQ 2000	WCQ 2001	WCQ 2002
Temperature range	3 °C ~ RT	3 °C ~ RT	3 °C ~ RT
Total power	2.575 kW	3.375 kW	4.5 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	0.375 kW	0.375 kW	0.75 kW
Machine size (L x W x H)	850 x 480 x 980 mm	850 x 480 x 980 mm	850 x 480 x 980 mm
Weight	120 kgs	140 kgs	150 kgs

Specifications

MODEL	WCQ 2003	WCQ 2004	WCQ 2005
Temperature range	3 °C ~ RT	3 °C ~ RT	3 °C ~ RT
Total power	5.25 kW	6.75 kW	9 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	1.5 kW
Machine size (L × W × H)	1080 × 550 × 1000 mm	1200 × 600 × 1260 mm	1200 × 600 × 1260 mm
Weight	200 kgs	210 kgs	290 kgs

Specifications

MODEL	WCQ 2006	WCQ 2007	WCQ 2008	WCQ 2009
Temperature range	3 °C ~ RT	3 °C ~ RT	3 °C ~ RT	3 °C ~ RT
Total power	10.5 kW	12.5 kW	17.2 kW	20.95 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	2.2 kW	2.2 kW
Machine size (L x W x H)	1200 x 610 x 1260 mm	1460 x 700 x 1400 mm	1750 x 760 x 1500 mm	1750 x 760 x 1500 mm
Weight	310 kgs	400 kgs	440 kgs	690 kgs

Specifications

MODEL	WCQ 2010	WCQ 2011	WCQ 2012	WCQ 2013
Temperature range	3 °C ~ RT	3 °C ~ RT	3 °C ~ RT	3 °C ~ RT
Total power	26 kW	34 kW	41.50 kW	50.5 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	4 kW	4 kW	4 kW	5.5 kW
Machine size (L x W x H)	1800 x 800 x 1500 mm	2200 x 920 x 1600 mm	2200 x 920 x 1600 mm	2280 x 1000 x 1700 mm
Weight	760 kgs	850 kgs	1000 kgs	1190 kgs