



# 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 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 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