



OMAX Chiller Systems

For utmost efficiency and high performance constancy in your abrasive waterjet system, delivering uniform cool water to your pump is critical. The air-cooled OMAX Chiller optimally supplies inlet water at a consistent temperature, which extends pump seal life for longer, more sustainable production. OMAX is keenly aware of the impact its systems have on the environment, so the OMAX Chiller uses R407c, an environmentally friendly refrigerant with zero ozone depletion potential. Using the 5 Ton Chiller or larger also allows for seamless interaction with the OMAX Water Recycling System to significantly reduce overall water consumption.

FEATURES & BENEFITS

- Controls the inlet water temperature entering your pump equipment
- Reduces pump rebuilds and machine downtime
- Designed for ambient temperatures from 35°F (1°C) to 100°F (37°C)
- Stainless steel evaporator
- Powder-coated steel cabinet
- Single point electrical connection into disconnect
- Hermetically sealed scroll compressor
- Removable filter screen on air inlet
- Ranco microprocessor temperature controller with LCD display
- NEMA 12/4 electrical enclosure, fully gasketed with lockable disconnect
- High side filter drier
- 1/2" NPT inlet and outlet piping connectors
- Thermostatic expansion valve
- Liquid line sight glass
- High and low side pressure switches
- Environmentally friendly R407c refrigerant
- Multiple Schrader access points
- Vibration isolators

CHILLER

	RATED CAPACITY¹	MAXIMUM CAPACITY¹	DIMENSIONS	DRY WEIGHT (APPROXIMATE)	WATER RECYCLING SYSTEM
2 TON	24,000 BTU/hr	24,000 BTU/hr	28" x 38" x 36" (712mm x 966mm x 915mm)	375 lbs (170kg)	No
3 TON	36,000 BTU/hr	41,000 BTU/hr	42" x 28" x 66" (1,067mm x 712mm x 1,677mm)	750 lbs (340kg)	
5 TON	60,000 BTU/hr	60,000 BTU/hr		59" x 36" x 66" (1,499mm x 915mm x 1,677mm)	760 lbs (345kg)
7.5 TON	90,000 BTU/hr	98,000 BTU/hr			
10 TON	120,000 BTU/hr	132,000 BTU/hr			
12 TON	144,000 BTU/hr	160,000 BTU/hr			
15 TON	180,000 BTU/hr	192,000 BTU/hr			

¹The rated capacity is the standard capacity for the chiller. Due to improvements and enhancements in component efficiency, some OMAX Chiller models are capable of a higher maximum output capacity.



HIGH EFFICIENCY COMPRESSORS

The OMAX Chiller utilizes scroll compressors to deliver smoother and quieter performance while maintaining high reliability and efficiency. Precisely engineered internal counterbalances reduce vibration, further decreasing noise while producing a cleaner, less turbulent output.

ELECTRICAL REQUIREMENTS

- 460 3 Phase 50-60Hz Electrical Input

ABOUT OMAX

OMAX is the global total solutions provider in advanced abrasive waterjet systems. Our intuitive Intelli-MAX Software Suite simplifies programming and reduces setup times, increasing your productivity. OMAX engineers continue to innovate technology for abrasive waterjet machining, from proven 4th generation pump designs to cutting edge drive systems with micron-level accuracy. With the largest abrasive waterjet support network in the world, OMAX continues to shape the future of waterjets.

To see how an OMAX abrasive waterjet system can save you time and money, call or visit our website and request a free part analysis today.



UL LISTED CE
UL 508A, CAN/CSA C22.2 No. 14,
CAN/CSA C22.2 No. 73
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