

70 Ton Water Cooled Screw Chiller

MODEL WRS070-411

FENJI water cooled screw chillers are available in 38 standard models. The standard refrigerant is environmentally friendly R407C or we can provide 134A as well as others. Each chiller is available with eco-friendly heat recovery exchangers which can provide 130 deg. F to 140 deg. F hot water free of charge. FENJI water cooled screw chillers are widely used in chemical plants, municipalities, hotels, supermarkets, hospitals and offices building to mention a few.

FEATURES

- FENJI water cooled screw chillers come standard with the most reliable screw compressors in the world from Hanbell. With an industry exclusive 5:6 ratio, the Hanbell is the quietest and most reliable screw compressor on the market. Stepless capacity control ensures precise and constant temperature control leading to many years of trouble free dependable service.
- 2. FENJI water cooled chillers come standard with industry leading shell and tube evaporators with inner-fin high efficiency copper tubes and shell and tube condensers. Custom materials and alternative/specialty evaporators and condensers are available upon request.
- 3. FENJI water cooled chillers are highly serviceable and complete with Alco/Emerson TXV's, liquid line sight glasses, electrically operated liquid line solenoid valves, liquid line shut-off valves and high capacity liquid line filter driers. Multiple compressors with multiple circuits are available upon request. All water cooled chillers from FENJI come with optional condenser outlet, direct acting water regulating valves for optimum condenser water temperature control.
- 4. Extremely reliable performance and user friendly control is tantamount at FENJI. We strive to provide the best user experience with an easy to operate, state of art touch-screen microprocessor control systems with comprehensive diagnostics and precision proportional temperature control capabilities. Troubleshooting is simple and fast. No laptop computer or specialized software required. Our chillers are designed by technicians, for technician.



FENJI PRODUCT SPECIFICATIONS

Water Cooled Screw Chiller	
Model	WRS070-411
Cooling Capacity (tons)	69.26 tons
Cooling Capacity (kw)	243.6
Input Power (kw)	59.5
Compressor Amps	84.9
Capacity Control	Stepless 0%, 100%
Power Supply	460v-3ph-60hz
Protection Devices	Phase/Voltage Protection - High Discharge Gas Thermostat - High & Low Pressure Cutouts - Flow Switch, Freeze Protection
Compressor Type	Hanbell Hermetic Rotary Screw
Evaporator Type	Shell & Tube
Condenser Type	Shell & Tube
Condenser Water Flow	233.35 GPM
Refrigerant Type	R-407C
Chilled water flow	1185 GPM
Number of Compressors	1
Number of Refrigerant Circuits	1
Evaporator Inlet/Outlet Pipe Diameter	3"
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Sound	? db(A)
Total Dry Weight	2977 Pounds
Total Operating Weight	3374 Pounds
Dimensions	L-100in. x W-35.43in. x H-70.87in.
Note: Rated cooling capacity based on:	Chilled water in 53.6 F out 44.6 F
	Condenser water in/outlet 86F/95F
	Power input 460v-3ph-60hz
	120 volt 1ph control voltage
	Refrigerant R-407C