

15 Ton Water Cooled Scroll Chiller

MODEL WSS015-411

The most rugged and capable water cooled scroll chiller in the industry is a FENJI. Our water cooled scroll chillers utilize environmentally friendly R407C refrigerant as well as 134A, 404A, or 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 scroll chillers are widely used in plastics extrusion, plating and anodizing facilities, chemical plants, municipalities, hotels, supermarkets, hospitals and offices building to mention a few.



FEATURES

- FENJI water cooled scroll chillers come standard with the most reliable scroll compressor in the world from Copeland. Precision capacity control ensures precise and constant temperature control leading to many years of trouble free dependable service.
- FENJI water cooled chillers come standard with industry leading shell and tube evaporators with inner-fin high efficiency copper tubes and high efficiency shell and tube condensers. Custom materials and alternative/specialty evaporators and condensers are available upon request.
- 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 and 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.
- mount 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 technicians.

FENJI PRODUCT SPECIFICATIONS

Water Cooled Scroll Chiller	
Model	WSS015-411
Cooling Capacity (tons)	14.558 tons
Cooling Capacity (kw)	51.2
Input Power (kw)	15.9
Compressor Amps	23.23
Capacity Control	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	Danfoss Hermetic Scroll
Evaporator Type	Shell & Tube
Condenser Type	Shell & Tube
Condenser Water Flow	46.23 GPM
Refrigerant Type	R-407C
Chilled water flow	38.75 GPM
Number of Compressors	1
Number of Refrigerant Circuits	1
Evaporator Inlet/Outlet Pipe Diameter	2"
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Sound	71 db(A)
Total Dry Weight	772 Pounds
Total Operating Weight	871 Pounds
Dimensions	L-59in. x W-23.65in. x H-49.25in.
Note: Rated cooling capacity based on:	Chilled water in 53.6 F out 44.6 F
	Dry Bulb 95 F Ambient 75.2 Wet Bulb
	Power input 460v-3ph-60hz
	120 volt 1ph control voltage
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