

## 25 Ton Industrial Chiller

MODEL ASI025-411



FENJI Industrial air and water cooled chillers are specially designed for industrial cooling applications. Each chiller is equipped with a 304SS water tank and inline circulation pump with TEFC motor. The chillers are available in 3 different types including: air cooled, water cooled and low temperature units. For each unit, open skid or cabinet types are available. The products are commonly used in applications for Plastics-injection molding, electronics component manufacturing, chemical manufacturing/processing, Medical/Pharmaceutical, food service/manufacturing or metal plating/anodizing facilities to name a few.

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 Industrial air and 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 Industrial chillers come standard with industry leading shell and tube evaporators with inner-fin high efficiency copper tubes. Water cooled industrial chillers come with high efficiency shell and tube condensers. Air cooled industrial chillers utilize

durable and high efficiency copper coils with mechanically bonded rippled aluminum fins. The performance of the air cooled condenser is further enhanced with the low noise performance of metal, multi-blade, high volume-fans powered by the indestructible design of low speed, external rotor motors. Low ambient options are available on all FENJI air cooled chillers. Custom materials and alternative/specialty evaporators and condensers are available upon request.

- FENJI Industrial air and 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 industrial water cooled chillers from FENJI come with optional condenser water outlet, direct acting regulating valves for optimum condenser performance.
- 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 technicians.

# FENJI PRODUCT SPECIFICATIONS

<b>Industrial Chiller</b>	
Model	ASI025-411
Cooling Capacity (tons)	22.29 tons
Cooling Capacity (kw)	78.4
Input Power (kw)	37.4
Capacity Control	0%, 50%, 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	High Efficiency Rippled Aluminum Fins/Copper Tubes
Refrigerant Type	R-407C
Chilled water flow	59.88 GPM
Number of Axial Fans	2
Number of Refrigerant Circuits	2
Evaporator Piping Connection Sizes In/Out	2.5"
Evaporator Water Pressure Drop	4.64 PSID
Sound	75 db(A)
Water Tank	71.33 Gallons
Total Weight	2161 Pounds
Dimensions	L-86.61in. x W-46.46in. x H-86.61in.
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
	Refrigerant R-407C