

130 Ton Rental Chiller

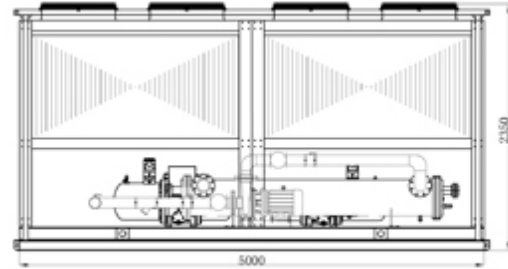
MODEL ARR130-422

FENJI air cooled rental chillers are the toughest, most reliable and user friendly chillers in the world. Seasoned service technicians will quickly identify the simplicity and quality of Fenji Rental chillers. No laptop computer or specialized software required. Our extremely high quality FENJI chillers are designed by engineers - for technicians. With the lowest first cost and lowest cost of ownership, FENJI Rental Chillers will help your bottom line.

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 air cooled screw rental chillers are widely used in chemical plant processes, pharmaceutical manufacturing plants, Data Center Cooling, municipalities, hotels, supermarkets, hospitals and offices building to mention a few.

FEATURES

- FENJI air cooled screw chillers come standard with the world's most reliable screw compressor 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.
- FENJI chillers can operate to 0 Deg. F for the occasional ice rink or industrial process application where Low-Temp and Reliability is the only option.
- FENJI rental chillers come standard with industry leading shell and tube evaporators with inner-fin high efficiency copper tubes.



Custom applications and alternative/specialty evaporators are available upon request.

- 3. All FENJI air cooled rental chillers utilize durable, high efficiency copper coils with mechanically bonded rippled aluminum fins. The performance of the 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.
- 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 system 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.
- 5. FENJI Rental Chillers come complete in your company color scheme with "Crash Frame" with fork pockets and upper lifting eyes for ease of handling. Most models include integral pump and piping with valves, strainer, flow switch and flow meter. The piping is designed to be used with the pump or in by-pass mode when flow is already present by customer. All pumps are sized for 100' TDH (Head). Standard color is a white chiller on black frame. The frame and structure is heavy duty and designed to handle road-rage and potholes. The fans and brackets are especially sturdy for these same reason. All hardware is 304SS for corrosion resistance.

FENJI PRODUCT SPECIFICATIONS

Rental Chiller	
Model	ARR130-422
Cooling Capacity (tons)	129 tons
Cooling Capacity (kw)	453.6
Input Power (kw)	159.4
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	High Efficiency Rippled Aluminum Fins/Copper Tubes
Refrigerant Type	R-407C
Chilled water flow	344.3 GPM
Number of Axial Fans	12
Number of Refrigerant Circuits	2
Evaporator Piping Connection Sizes In/Out	5"
Evaporator Water Pressure Drop	7.56 PSID
Sound	73 db(A)
Total Dry Weight	10,031 Pounds
Total Operating Weight	10,957 Pounds
Dimensions	L-250in. x W-82.68in. 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