



Model KIR8D

Models

INDOOR RAK DOUBLE TIER MODELS

KIR4D	KIR10D	KIR16D
KIR6D	KIR12D	KIR18D*
KIR8D	KIR14D*	KIR20D

*Consult factory for dimensions/drawings

Product Details

SPECIFICATIONS

Kairak offers an extensive line of remote refrigeration systems for various applications and environmental conditions. Remote systems provide great benefits to any operations by removing heat and noise of multiple compressors from the retail area or kitchen space thus reducing air conditioning and operating costs.

REFRIGERATION UNITS

Water-cooled compressors are hermetic/glacier scroll type (Copeland). Each unit is equipped with high-low pressure control, liquid drier, sight glass & head pressure control.

All compressor units are new factory assembled to operate with the refrigerant specified in the engineering summary sheet. Refrigerant R-404a is used on all commercial temperature units and low temperature units.

PRE-PIPING

All refrigerant lines are extended to one side of the package in a neat and orderly manner. Suction line for medium and low temperature units must be insulated with Armaflex (3/4" thick).

All tubing is securely supported and anchored with clamps.

Silver Solder and/or sil-fos used for all refrigerant piping. Soft solder is not acceptable.

All piping is pressure tested with nitrogen at 100 PSI.

Control Panel

The package has a factory mounted and pre-wired control panel complete with main disconnect breaker switch, compressor circuit breakers, fuses, contractors and time clocks wired for single point connection.

Electrical contractor shall provide and install main power lines to panel and provide wire harness wiring for control and defrost heater between the defrost clock and the refrigerant fixtures, if necessary. All in accordance with the wiring diagram and local codes and shall ensure that main power feed enters refrigeration equipment through same pitch pocket as the refrigeration lines.

EVAPORATOR COIL

Evaporator coils are direct expansion type fabricated of copper tubes with aluminum fins. All evaporator coils are provided with solenoid valve, thermostatic expansion valve and thermostat. Piped and wired ready for final connection by the electrical and refrigeration contractors.

WARRANTY

Five (5) Year Compressor, One (1) Year Parts and Labor Provided Standard.

Features

- » Compressors are installed on a heavy-duty frame.
- » Fabricated of structural steel.
- » Frame is pre-assembled, welded, cleaned and epoxy coated.
- » Water-condenser is designed for 10° FTD.
- » Individual water regulating device.
- » Main water header (supply & return).
- » Incoming fluid temperature between 85°F - 45°F.
- » Maximum water pressure of 125 PSI.
- » Flooded water condenser.
- » Choice of scroll, compressors, semi-hermetic and hermetic.

Options

- » Liquid Line Solenoid
- » Emergency Water By-Pass
- » 460 Volt Operation
- » Depth & height of units can be fabricated for job site conditions
- » Painted Enclosure

