

PICTURE FRAME MODEL PFR-561Ex



Refrigeration Unit

KLINGE CORPORATION

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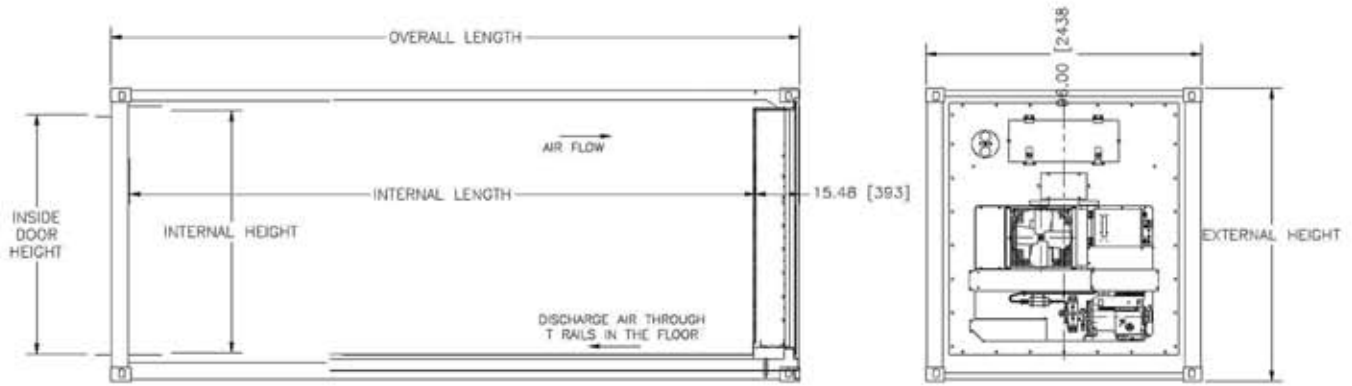
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General Information:

The PFR-561Ex Container Refrigeration Unit was specifically designed for use on 20 or 40 ft. containers. It provides high temperature reliability in extreme environments. The fan design provides high air flow in fully loaded containers. The unit is microprocessor controlled; the microprocessor controls temperature in increments of 1.0°C with an accuracy of +/- 0.3°C (+/-0.5°F).

Construction:

Welded aluminum frame with aluminum sheet metal closures for strength, corrosion resistance, and weight control
Stainless steel hardware throughout to minimize corrosion.

Refrigerant:

R-134a

Compressor:

One Copeland 3DK8-0750-TFD semi-hermetic
Internal overload protection
2-step capacity control: suction pressure regulating and compressor unloading

Evaporator Fans:

2 centrifugal, backward curved, 1.1 HP each

Condenser Fan:

1 propeller 20" diameter, 2 HP

Features:

6035 w/hr @ 2C and 3238 w/hr @ -18C net cooling capacity
needing only 10.2 kW power supply
Easy access from the front for service
Unit depth only 14.4" (365mm)
Dual speed dual wound evaporator fan motors
Automatic "on-demand" and manual defrost
Easy access hinged control box
Adjustable fresh air vent
Bottom air discharge
60' (18m) power cable with CEE 17 power plug
Complies with major classification societies' specifications

Controls:

Microprocessor with automatic pre-trip and diagnostics
Indicator lights: 8 LEDs for operation and alarm conditions
480V @ 60 Hz/ 400V @ 50 Hz +/- 10% voltage and +/- 2.5 H
Phase sensor for automatic phase correction

Options:

Hour meter
31 day mechanical temperature recorder
Dual voltage operation 220 volt transformer optionally quote
Water cooled condenser
Humidity control
Manual bypass operation print
Pressure gauges
Electronic datalogger
Remote monitoring

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