

# PICTURE FRAME MODEL PFR-561

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## Refrigeration Unit

**KLINGE CORPORATION**

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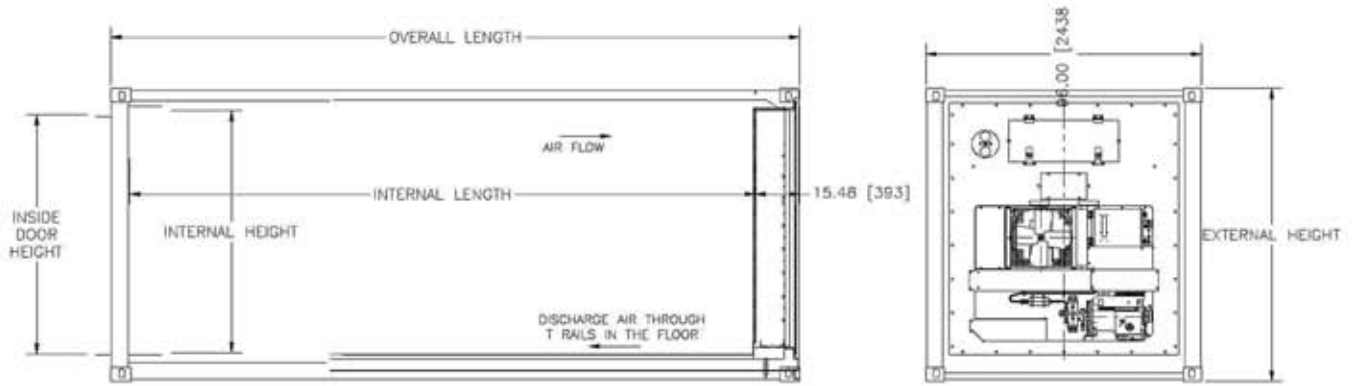
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## General Information:

The PFR-561 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 Hz  
Phase sensor for automatic phase correction

## Options:

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

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