

## POLAR TRANSPORT REFRIGERATION SYSTEMS



# K-T235S



K-T235S Series Split units are designed by and for Canadians that require fresh, frozen and deep-frozen refrigerated trucks and vans in the Temperature Range  $-18^{\circ}\text{C} \sim +15^{\circ}\text{C}$ . Sleek and Appealing Aerodynamic Low Profile Rooftop Condenser & Internal Ultra-Slim Evaporator with Huge Air Volume!

Using a 163cc/r Road compressor powered by the vehicle's engine produce's exceptional refrigeration performance.

Adding our unique optional 115-120V Electric standby Rooftop unit allows the operator refrigeration when the vehicle is stationary.

# K-T235S



## STANDARD FEATURES

R404a Refrigerant, R452a Compatible

Operation on 12Vdc Vehicles

In-cab Digital Controller, with e-diagnostics

**Low Profile Dual Fan**

**Rooftop Condenser Dimensions**

1060 × 730 × 220 mm Weight 35Kg (77lbs)

**Ultra-Slim Dual Fan Evaporator  
with Dimensions**

1000 × 610 × 195 mm Weight 22Kg (49lbs)

Automatic and Manual Hot Gas Defrost

Evaporator Air Flow 1800m<sup>3</sup>/h (1060 CFM)

Tailored Cellular Telematics  
& Bluetooth Data logging available

## COOLING CAPACITY

### **On Road**

2950 - 3200W (10,030 - 10,800 Btu's)  
@ 0°C Box temp

1350 - 1780W (4,590 - 6,052 Btu's)  
@ -18°C Box temp

### **Optional Electric Standby 115-120V @ 16.5- 17.5 amps**

1700 - 2000W (5,780 - 6,800 Btu's)  
@ 0°C Box temp

810 - 1020W (2,754 - 3,468 Btu's)  
@ -18°C Box temp

### **All Data Based On:**

Recommended Box Volume 12~18m<sup>3</sup> (424 Cu' ~ 635 Cu')

**Ambient:** 38°C for cooling; Insulation K-value: ≤ 0.32watts/m<sup>3</sup> or R20 Factor

Performance and temperatures will vary depending on type of cargo and loading temperature etc.

*\*Specifications are subject to change without prior notice.*

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