

## SPECIFICATION SHEET T-680R



### QUICKTEMP TECHNOLOGY

QuickTemp technology utilizes an electronic throttling valve system, and is standard on all T-80 Series units. QuickTemp allows you to realize major long-term benefits, including significant fuel savings, improved temperature control and reduced maintenance.



### RELIABLE RECIPROCATING COMPRESSOR

*The industry standard for proven reliability and easy service.*

- High volumetric efficiency vs. other reciprocating compressors due to more pumping capacity per cubic inch
- Reliable, time-tested design
- Field-repairable for easy service
  - No special tools or facilities required
  - Removable and replaceable cast iron cylinder sleeve design

### KEY OPTIONS

Customize your unit to fit your business needs:

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> SmartPower™<br>Electric Standby (230V or 460V) | <input type="checkbox"/> Top Cover & Screen  | <input type="checkbox"/> Electronic Door Switch |
| <input type="checkbox"/> Premium Display                                | <input type="checkbox"/> Battery Box         | <input type="checkbox"/> Body Mount HMI         |
| <input type="checkbox"/> Whisper™ Plus Noise Reduction                  | <input type="checkbox"/> 30 Gallon Fuel Tank | <input type="checkbox"/> Flush Mount HMI        |

# System Performance

Refrigeration capacity: System net cooling capacity at 100°F ambient temperature and high speed engine/60 Hertz electric power

## Return air to evaporator

	35°F	0°F	-20°F
Engine Power BTU/hr (Up to)	18,000	11,000	7,000
Electric Power BTU/hr (Up to)	15,500	10,000	6,000

## Heating capacity (35°F/0°F ambient)

Engine power (BTU/hr)	10,500
Electric power (BTU/hr)	5,800

## Airflow: on high speed engine operation

Airflow volume @ 0 Pa static pressure	1600 ft³/min
Discharge Velocity (Air Throw)	18 ft/sec

## Weight (Condensing Unit):

Standard: cooling/heating on engine operation	963 lbs
With SmartPower electric standby: cooling/heating on engine/electric standby	1018 lbs

## Engine: 3 cylinder, liquid cooled

Model	TK 370
Rating	15 hp
Maintenance Interval	2000 hrs

## Compressor: lightweight aluminum alloy

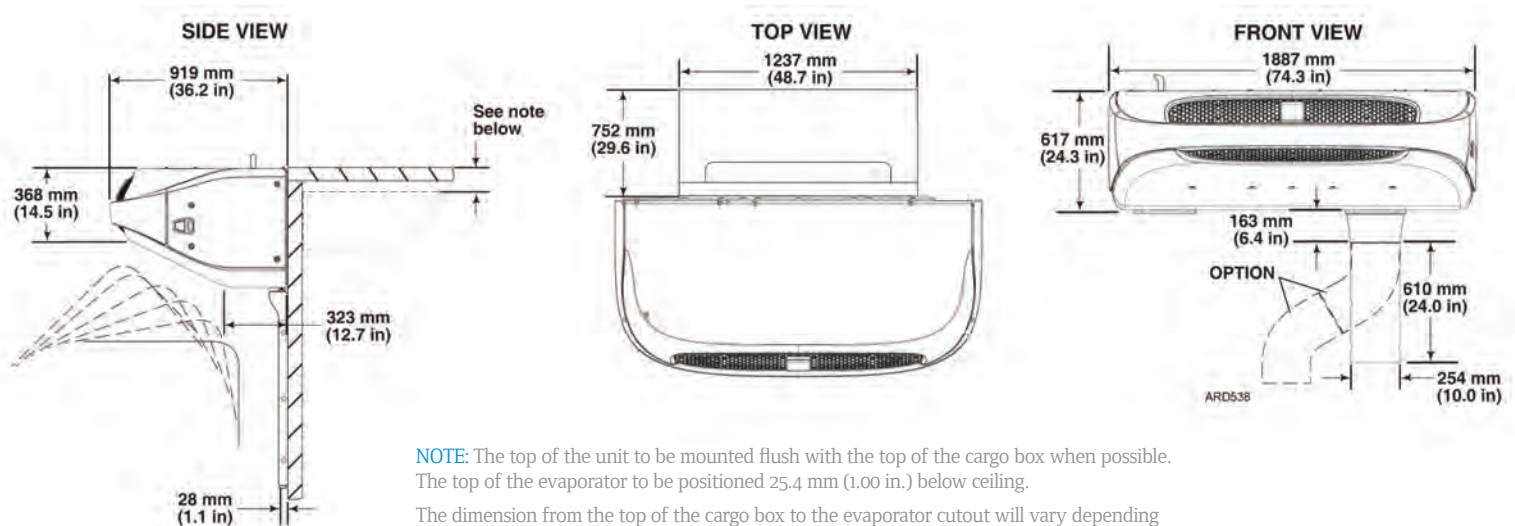
Model	X214
Displacement	14 cu. in.

## Electric standby motor

Voltage / phase / cycles	230/3/60
Rating	7.2 hp

## Refrigerants: R-404A zero Ozone Depletion Potential (ODP), internationally approved

Charge	7.0 lbs
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T-680R and T-880R minimum dimension = 107 mm (4.25 in.)