

## SPECIFICATION SHEET T-580R



### 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

### SmartPower ELECTRIC STANDBY

The SmartPower electric standby option allows the units to operate on electric power in addition to being powered by the standard diesel engine.

### KEY OPTIONS

Customize your unit to fit your business needs:

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> SmartPower™<br>Electric Standby (230V<br>or 460V) | <input type="checkbox"/> Battery Box         | <input type="checkbox"/> Electronic Door Switch |
| <input type="checkbox"/> Top Cover & Screen                                | <input type="checkbox"/> 30 Gallon Fuel Tank | <input type="checkbox"/> Body Mount HMI         |
|  |  | <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)	14,500	8,500	5,000
Electric Power BTU/hr (Up to)	13,000	7,100	4,800
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	957 lbs		
With SmartPower electric standby: cooling/heating on engine/electric standby	1012 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		

