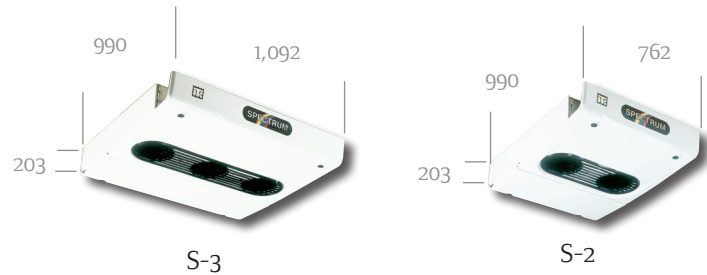
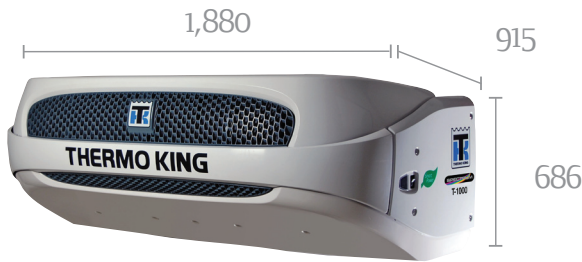


# T-1000 SPECTRUM™



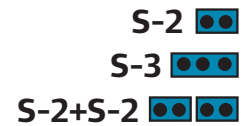
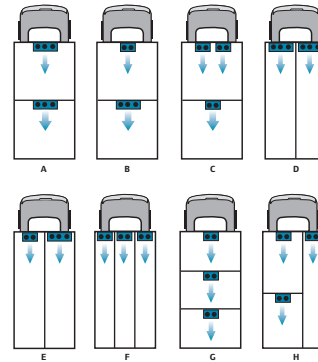
Dimensions in mm

## Remote Evaporators

*Total flexibility to meet your needs.*

**Compartments or lanes, we have a system that will meet your requirements.** Selection of the correct unit evaporators depends upon many variables. Although shown at the front, evaporators can alternatively be placed at the back of a zone.

Our dealers are trained to help you choose the right equipment for your particular application.



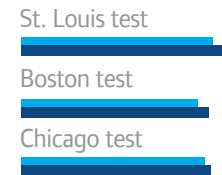
## The Most Advanced Scroll Compressors Ever

*The clear choice for peak efficiency and maximum cooling capacity.*

- ✓ High efficiency and greater capacity
- ✓ Less noise and vibration
- ✓ Less maintenance (87% fewer moving parts)
- ✓ E nickel-plated Oldham coupling for greater reliability

## Lower Estimated Annual Fuel Consumption

■ Scroll      ■ Reciprocating



*Results from independent testing based on regional average ambient temperatures.*

## Key Options

*Customize your unit to fit your business needs:*

- SmartPower™ Electric Standby
- Whisper™ Plus Noise Reduction
- Electronic Door Switch
- Premium Display
- Top Cover & Screen
- Battery Box
- Body Mount HMI
- Flush Mount HMI

# System Performance

Refrigeration capacity: System net cooling capacity at 38°C ambient temperature and high speed engine/60 Hertz electric power

| Return air to evaporator  |                          |       |       |
|---|--------------------------|-------|-------|
|   | +2°C                     | -18°C | -29°C |
| Engine Power (Watts Up to)  | 8,640                    | 5,715 | 3,810 |
| Electric Power (Watts Up to)  | 6,600                    | 4,900 | 3,135 |
| Heating capacity (+2°C/-18°C ambient)   |                          |       |       |
| Engine power (Watts)  | ACTiV                    |       |       |
| Electric power (Watts)  | 4,690                    |       |       |
| Electric power (Watts)  | 3,225                    |       |       |
| Airflow: on high speed engine operation   |                          |       |       |
| Airflow volume @ 0 Pa static pressure   | 3,432 m <sup>3</sup> /hr |       |       |
| Discharge Velocity (Air Throw)  | 7.9 m/s                  |       |       |
| Weight (Condensing Unit):   |                          |       |       |
| Standard: cooling/heating on engine operation                                       | 371 kg                   |       |       |
| With SmartPower electric standby: cooling/heating on engine/electric standby        | 441 kg                   |       |       |
| Engine: 3 cylinder, liquid cooled   |                          |       |       |
| Model   | TK 376                   |       |       |
| Rating  | 14.6 kw                  |       |       |
| Maintenance Interval  | 2000 hrs                 |       |       |
| Compressor: lightweight aluminum alloy  |                          |       |       |
| Model   | TK 06                    |       |       |
| Displacement  | 98 cc                    |       |       |
| Electric standby motor  |                          |       |       |
| Voltage / phase / cycles  | 400/3/50                 |       |       |
| Rating  | 7.5 kw                   |       |       |
| Refrigerants: R-404A zero Ozone Depletion Potential (ODP), internationally approved |                          |       |       |
| Charge  | 4.0 kg                   |       |       |

## Individual Evaporators

Refrigeration capacity: (NB: Capacities of host unit and individual evaporators not cumulative.)

System net cooling capacity at 38°C ambient temperature

| Evaporators                   | S-2                      |       |       | S-2 + S-2                |       |       | S-3                      |       |       | S-3 + S-3                |       |       |
|-------------------------------|--------------------------|-------|-------|--------------------------|-------|-------|--------------------------|-------|-------|--------------------------|-------|-------|
|                               | +2°C                     | -18°C | -29°C | +2°C                     | -18°C | -29°C | +2°C                     | -18°C | -29°C | +2°C                     | -18°C | -29°C |
| Return Air To Evaporator      |                          |       |       |                          |       |       |                          |       |       |                          |       |       |
| Capacity (Watts/Up to)        | 6,125                    | 3,810 | 2,140 | 7,705                    | 5,010 | 2,960 | 7,530                    | 4,750 | 3,250 | 8,640                    | 5,715 | 3,810 |
| Airflow                       |                          |       |       |                          |       |       |                          |       |       |                          |       |       |
| Volume @ 0 Pa static pressure | 1,130 m <sup>3</sup> /hr |       |       | 2,260 m <sup>3</sup> /hr |       |       | 1,716 m <sup>3</sup> /hr |       |       | 3,432 m <sup>3</sup> /hr |       |       |
| Discharge Velocity (airthrow) | 9.1/sec                  |       |       | 9.1/sec                  |       |       | 7.9/sec                  |       |       | 7.9/sec                  |       |       |
| Weight                        |                          |       |       |                          |       |       |                          |       |       |                          |       |       |
|                               | 45 kg                    |       |       | 89 kg                    |       |       | 54 kg                    |       |       | 109 kg                   |       |       |

