

ThermalAir TA-Series Comparison Chart

An Evolution in Localized Temperature Test Systems



| Model | TA-5000A | TA-5000B | TA-3000A | TA-1000A | TC-100 Gas Chiller |
|--------------------------------------|---|---|--|---|--|
| Temperature Range | -80°C +225°C | -80°C +225°C | -60°C +225°C | -25°C +200°C | -80°C Continuous |
| Temperature Air Output System | 4 to 25 SCFM Continuous | 4 to 25 SCFM Continuous | 4 to 16 SCFM Continuous | 4 to 12 SCFM Continuous | 4 to 27 SCFM Continuous |
| Power | 220 V 60 / 50 Hz 30 / 20 amp, 1 phase | 220 V 60 / 50 Hz 30 / 20 amp, 1 phase | 220 V 60 / 50 Hz 20 amp, 1 phase | 220 V 60 / 50 Hz 16 amp, 1 phase | 220 V 60 / 50 Hz 20 amp, 1 phase |
| Dimension (WxDxH) | 57.5x92.8x136.3 cm (22.6x36.5x55.7 in.) | 57.5x92.8x136.3 cm (22.6x36.5x55.7 in.) | 50.8x79.4x140.0 cm (20.0x31.3x55.1 in.) | 43.0x63.1x38.3 cm (16.9x24.8x15.1 in.) | 57.2x84.0x107.7 cm (22.5x33.1x42.4 in.) |
| Unpacked Weight | 265 kg (584 lbs) | 265 kg (584 lbs) | 230 kg (506 lbs) | 64 kg (141 lbs) | 200 kg (441 lbs) |
| Packed Weight | 395 kg (870 lbs) | 395 kg (870 lbs) | 310 kg (683 lbs) | 156 kg (344 lbs) | 280 kg (617 lbs) |
| Portability | 4 swivel casters | 4 swivel casters | 4 swivel casters | 4 Lifting Handles Benchtop | 4 swivel casters |
| Maximum Reach | 139.7 cm (55.0 in.) | Compatible with 2 - 6 ft. flex hose | 139.7 cm (55.0 in.) | 80.0 cm (31.5 in.) w/ 6ft. output gas hose | Compatible with 2 - 6 ft. flex hose |
| Maximum & Minimum Heights | 70.6-131.6 cm (27.8-51.8 in.) | - | 72.4-123.2 cm (28.5-48.5 in.) | - | - |
| Noise Level | <49 dBA average | <49 dBA average | <52 dBA average | <52 dBA average | <49 dBA average |