

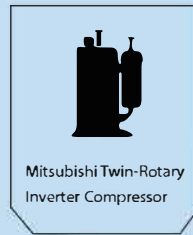


TDX SERIES

The SENSHEAT TDX Series inverter heat pumps have been specifically designed for pool and spa applications across Australia and New Zealand. Ensuring optimum performance and many years of trouble free operation.



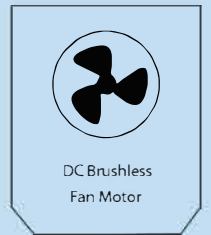
The TDX series heat pumps are the new and improved models of the SENSHEAT range, offering the latest and most efficient inverter technology and an industry leading ultra quiet operation. With heater sizes from 11Kw up to 40Kw, you can be sure to find a heater to suit your pool & spa requirements.



Mitsubishi Twin-Rotary Inverter Compressor



Unique Air-Stream Design



DC Brushless Fan Motor

- Inverter Technology
- Super Quiet Operation
- Reverse Cycle, Heating & Cooling
- Eco Friendly R32 Gas
- Improved Touch Control
- Wifi Standard
- Titanium Heat Exchanger
- Mitsubishi DC Compressor



TDX Series Specifications

| Model | HPTDX11 | HPTDX14 | HPTDX18 | HPTDX22 | HPTDX27 | HPTDX32 | HPTDX32s | HPTDX40s |
|-------|---------|---------|---------|---------|---------|---------|----------|----------|
|-------|---------|---------|---------|---------|---------|---------|----------|----------|

PERFORMANCE CONDITION: Air 27C/ Water 27C/ Humidity 80%

| | | | | | | | | |
|--------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Heating capacity (Kw) | 11.0 | 14.0 | 18.0 | 22.0 | 27.5 | 32.0 | 32.0 | 40.5 |
| COP Range | 15.5-7.3 | 15.8-7.2 | 16.4-6.9 | 16.2-6.8 | 15.5-7.3 | 16.3-6.5 | 16.3-6.5 | 16.1-6.7 |
| Average COP at 50% Speed | 11.6 | 11.9 | 12.2 | 12.2 | 11.8 | 11.5 | 11.5 | 11.6 |

PERFORMANCE CONDITION: Air 15C/ Water 26C/ Humidity 70%

| | | | | | | | | |
|--------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Heating Capacity (Kw) | 7.7 | 9.3 | 12.5 | 15.0 | 18.5 | 22.0 | 22.0 | 29.0 |
| COP Range | 7.5-5.0 | 7.6-5.1 | 8.2-5.0 | 7.9-5.1 | 8.0-5.1 | 8.0-5.0 | 8.0-5.0 | 8.1-5.2 |
| Average COP at 50% Speed | 6.8 | 7.0 | 7.2 | 6.9 | 7.1 | 7.0 | 7.0 | 7.1 |

PERFORMANCE CONDITION: Air 35C/ Water 28C/ Humidity 80%

| | | | | | | | | |
|-----------------------|-----|-----|-----|-----|------|------|------|------|
| Cooling Capacity (Kw) | 4.5 | 5.8 | 7.1 | 8.2 | 12.0 | 14.0 | 14.0 | 16.5 |
|-----------------------|-----|-----|-----|-----|------|------|------|------|

TECHNICAL SPECIFICATIONS

| | | | | | | | | |
|-------------------------------|------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Reverse Cycle | Standard | | | | | | | |
| Operating Air Temperature (C) | -15C ~ 43C | | | | | | | |
| Heating Temperature Range (C) | 18C ~ 40C | | | | | | | |
| Cooling Temperature Range (C) | 12C ~ 30C | | | | | | | |
| WiFi | Standard | | | | | | | |
| Heat Exchanger | Twisted Titanium | | | | | | | |
| Power Supply | 230V 1 Ph | 230V 1 Ph | 230V 1 Ph | 230V 1 Ph | 230V 1 Ph | 230V 1 Ph | 400V 3 Ph | 400V 3 Ph |
| Electrical Connection | Hard Wired | Hard Wired | Hard Wired | Hard Wired | Hard Wired | Hard Wired | Hard Wired | Hard Wired |
| Rated Input Power (Kw) | 0.15-1.54 | 0.2-1.82 | 0.26-2.50 | 0.32-2.94 | 0.41-3.63 | 0.46-4.4 | 0.46-4.4 | 0.56-5.58 |
| Rated Input Current (A) | 0.65-6.70 | 0.87-7.91 | 1.13-10.87 | 1.39-12.78 | 1.78-15.79 | 2.0-19.13 | 0.67-6.38 | 0.81-8.09 |
| Maximum Input Current (A) | 10.0 | 12.5 | 16 | 18.5 | 21.5 | 24.0 | 9.4 | 12.5 |
| Sound Level at 1m dB (A) | 39.5-49.0 | 38.0-47.1 | 41.2-47.5 | 42.2-51.3 | 40.2-52.1 | 42.5-52.8 | 42.5-52.8 | 41.9-53.0 |
| Sound Level at 10m dB (A) | 19.5-29.0 | 18.0-27.1 | 21.2-27.5 | 22.2-31.3 | 20.2-32.1 | 22.5-32.8 | 22.5-32.8 | 21.9-53.0 |
| Advised Water Flow (L/Min) | 30-70 | 50-70 | 70-100 | 100-150 | 130-170 | 160-200 | 160-200 | 200-300 |
| Water Connection (mm) | 40mm | | | | | | | |
| Net Weight (kg) | 61 | 66 | 71 | 77 | 95 | 110 | 117 | 141 |
| Dimension L x W x H (mm) | 710*753*693 | 710*753*693 | 710*775*693 | 710*775*693 | 710*775*743 | 729*955*943 | 729*955*943 | 845*955*943 |

WARRANTY**

| | |
|----------------|----------|
| Heat Exchanger | 25 Years |
| Compressor | 8 Years |
| Parts | 2 Years |
| On-Site | 2 Years |

**Please read T&C's for full details, the above information is only a reference.