



TDX SERIES

The SENSАHEAT 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 SENSАHEAT 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	10 Years
Parts	5 Years
On-Site	2 Years

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