

TECHNICAL SPECIFICATIONS*	UNIT	STANDARD MODELS		INVERTER TECHNOLOGY MODELS		INDUSTRIAL (10) MODELS	
		TBQ 500	TBS 580	TBSI 580	EXS 220	RPB 600	RPB 1800
Airflow @0 static*	CMH	11160	11410	12240	9790	21096	64400
Airflow @80Pa AS (Australian Standard)	CMH	9760	10010	10910	9140	20800	62640
Cooling capacity*	C(kW)	13.3	16.8	18.4	15.1	20.7	56.9
Discharge Temp. at 40 ADBT, 10% ARH	°C	21.9	20.7	20.7	20.8	21.5	21.5
Restart after power failure		Auto restart	Auto restart	Auto restart	Auto restart	Manual	Manual
Maximum Static Pressure	Pa	160	160	280	220	400	400
Evaporation Efficiency		91.5%	91.5%	91.5%	91.5%	91.5%	91.5%
Power consumption (total)	Watts max.	1260	1210	1400	1859	3 kW	15 kW
Power consumption	Watts min.	400	400	64	64	1 kW	5 kW
Current max.	Amp max.	5.7	6.0	6.3	9.0	6.6	28.3
Current min.	Amp min.	1.80	1.80	0.29	0.29	3.30	12.10
Power supply	Volts	220-240	220-240	200-240	220	415	415
Power supply	Phase	1	1	1	1	3	3
MagIQtouch Wi-Fi/Wireless, Humidity,Temp	Sensors	Optional	Optional	Optional	Optional	Manual	Manual
Controller	Type	Digital	Digital	Digital	Digital	Analogue	Analogue
Fan	Type	Axial	Axial	Axial	Centrifugal	Centrifugal	Centrifugal
Automatic Salt Control & Digital Drain kit		Optional	Optional	Standard	Standard	Optional	Optional
Motor (PSC)	Type	Direct drive inverter	Direct drive inverter	Direct drive inverter	Direct drive inverter	Belt Drive	Belt Drive
Motor Speed max	rpm	1350	1350	1700 VAR	680 VAR	1450	1450
Area of coverage (as per Design Criteria)	Sqr. Ft.	800-2400	1000-2500	1000-2500	1000-2500	3000-5000	12000-20000
Motor Overload & Fuse	Type	Auto reset 1-shot fuse	Auto reset 1-shot fuse	Auto reset 2-1 shot fuses	Auto reset 2-1 shot fuses	Auto reset	Auto reset
Motor Enclosure Rating, British Standards	IEC Rating	IP54	IP24	IP 2X	IP 2X	IP 2X	IP 55
Tornado Pump®	Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal	1 Centrifugal	3 Centrifugal
Tornado Pump®	Motor	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous	Synchronous
Tornado Pump® Rating (input)	Watts	25	25	25	25	50	50
Tornado Pump® Flow Rate	L/min	21	21	21	21	24	24
Tornado Pump® Voltage / Phases / Hz		230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	230 / 1 / 50	415 / 3 / 50	415 / 3 / 50
Tornado Pump® Overload	Type	Auto reset	Auto reset	Auto reset	Auto reset	Auto reset	Auto reset
Tornado Pump® Intl. Enclosure rating	IEC Rating	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Black OPAL Cooling pad Chillcel Filtration*	Microns	2	2	2	2	2	2
NEW OPAL Cooling pad Chillcel, Australian	mm	850 x 526 x 90	850 x 526 x 120	850 x 526 x 120	800 x 635 x 120	595x1160	795x1470
NEW OPAL Cooling pad Chillcel, Pad area	m2	1.79	1.79	1.79	2.03	4.14	9.4
Water Tank capacity	Liters	23	23	23	11	55	100
Water Inlet	mm/Inch	12.7 / ½" male BSP	12.7 / ½" male BSP	12.7 / ½" male BSP	12.7 / ½" male BSP	12.7 / ½" male BSP	12.7 / ½" male BSP
Water Drain	mm/Inch	40 / 1½" male BSP	40 / 1½" male BSP	40 / 1½" male BSP	40 / 1½" male BSP	40 / 1½" male BSP	41 / 1½" male BSP
Shipping, with pallet	mm	1150 x 1150 x 902	1150 x 1150 x 902	1150 x 1150 x 902	1160 x 1160 x 955	1630x1560x1560	2050x2100x2100
Shipping, Mass	Kg	68	68	68	87	295	513
Shipping, Operating	Kg	89	91	91	94	330	573
Connecting outlet (raw edged)	mm	550 x 550	550 x 550	550 x 550	550 x 550	780x760	890x890
Cabinet Warrantee		25 Years	25 Years	25 Years	25 Years	1 Year	1 Year
Standard Parts Warrantee		1 Years	2 Years	2 Years	2 Years	1 Year	1 Year
Extendable Warrantee Option		3 Years	4 Years	4 Years	4 Years	3 Years	3 Years
Make - including ALL PARTS		Australia	Australia	Australia	Australia	Australia	Australia
Assembling - including ALL PARTS		Australia	Australia	Australia	Australia	Australia	Australia
Designing - including ALL PARTS		Australia	Australia	Australia	Australia	Australia	Australia

*All CERTIFIED specifications - to Australian Standard AS2913-2000

*Specifications subject to changes

Cooling capacity measured to Australian Standard AS2913-2000, ambient of 38°C dry bulb & 21°C wet bulb, with room exit temperature of 27.4°C.

Airflow test as a complete system - Chinese testing method is Fan only. Breezair output for Fan only method - is 236% more (Model TBS580=28,654 CMH).

