

## Air Handling Unit Applications

- Toshiba Twin Rotary Compressor Technology
- Outdoor unit 240V, 1 phase supply (2,3,4,5 & 6HP), 400V, 3 phase supply (8 & 10HP)
- Suitable for R22 and R407c replacement
- High efficiency inverter compressor
- Light weight and easy to install
- No additional expansion valves or mechanical equipment required
- Bespoke 'Easy to Use' Control set-up



NOTE: Minimum air on condition to the coil must be 18°C in heating mode.

Outdoor Unit		SM563AT-E	SM803AT-E	SM1103AT-E	SM1403AT-E
Cooling Capacity (kW)	kW	1.5-5.6	1.5-7.4	3.0-11.2	3.0-13.2
Heating Capacity (kW)	kW	1.5-6.3	1.5-9.0	3.0-13.0	3.0-16.0
HEX Air Volume	m <sup>3</sup> /hr	780-1050	810-1230	1170-2010	1230-2100
HEX Coil Volume	cm <sup>3</sup>	500-1450	600-1850	1000-3000	1250-3750
HEX Coil Diameter	mm/in	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
HEX Paths		4-6	6-8	6-10	8-12
EX. Piping limits	m	5-30	5-30	5-50	5-50
EX. Pipe Diameter	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5
Replacement Technology		YES	YES	YES	YES
Outdoor Unit Power Supply		1 phase	1 phase	1 phase	1 phase

Outdoor Unit		SM1603AT-E	SM2244AT8-E	SM2804AT8-E
Cooling Capacity (kW)	kW	3.0-16.0	9.8-22.4	9.8-27.0
Heating Capacity (kW)	kW	3.0-16.0	9.8-25.0	9.8-31.5
HEX Air Volume (m3/hr)	m <sup>3</sup> /hr	1260-2130	1170-2010	1230-2100
HEX Coil Volume (cm3)	cm <sup>3</sup>	1450-4250	2000-6000	2550-7500
HEX Coil Diameter (mm / in)	mm/in	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
HEX Paths		8-12	10-12	10-12
EX. Piping limits (m)	m	5-50	5-75	5-75
EX. Pipe Diameter (mm)	mm	15.9/9.5	19.1/12.7	19.1/12.7
Replacement Technology		YES	YES	YES
Outdoor Unit Power Supply		1 phase	3 phase	3 phase

Outdoor Unit		SP564AT-E	SP804AT-E	SP1104AT-E	SP1404AT-E
Cooling Capacity (kW)	kW	1.2-5.6	1.9-8.0	2.6-12	2.6-14.0
Heating Capacity (kW)	kW	0.9-8.1	1.3-11.3	2.4-13	2.4-16.5
HEX Air Volume (m3/hr)	m <sup>3</sup> /hr	780-1050	810-1230	1170-2010	1230-2100
HEX Coil Volume (cm3)	cm <sup>3</sup>	500-1450	600-1850	1000-3000	1250-3750
HEX Coil Diameter (mm / in)	mm/in	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)	9.52 (3/8)
HEX Paths		4-6	6-8	6-10	8-12
EX. Piping limits (m)	m	5-50	5-50	3-75	3-75
EX. Pipe Diameter (mm)	mm	12.7/6.4	15.9/9.5	15.9/9.5	15.9/9.5
Replacement Technology		YES	YES	YES	YES
Outdoor Unit Power Supply		1 phase	1 phase	1 phase	1 phase