

## Toshiba Digital Inverter



### Features

- Toshiba twin rotary compressor technology
- High efficiency inverter compressor
- Utilises R410a non-ozone depleting refrigerant
- Lightweight and easy to install
- no additional expansion valves or mechanical equipment

Toshiba Reference	RAV	SM803AT-E	SM1103AT-E	SM1603AT-E	SM2244AT8-E	SM2804AT8-E
Heating Capacity	HP	3	4	6	8	10
Heating Capacity (range)	kW	8	11.2	16	22.4	28
Power input	kW	2.21	3.1	4.43	5.82	7.48
Approximate COP	W/W	3.62	3.61	3.61	3.85	3.61
Airflow	l/s (m <sup>3</sup> /h)	750 (2700)	1250 (4500)	1717 (6180)	133	133
Sound Pressure Level	dB(A)	50	54	53	56/57	57/58
Sound Power Level	dB(A)	67	71	70	72/74	74/75
Pipe connections (gas - liquid)	in	5/8 - 3/8	5/8 - 3/8	5/8 - 3/8	1 1/8 - 1/2	1 1/8 - 1/2
Pipe Length (min / max)	m	5 - 30	5 - 50	5 - 50	5 - 70	5 - 70
Pre Charged Pipe Length	m	20	30	30	30	30
Additional R410a Charge	g/m	40	40	40	80	80
Base Refrigerant Charge	kg	1.7	2.8	3.1	5.9	5.9
Dimensions (h x w x d)	mm	550 x 780 x 290	795 x 900 x 320	1340 x 900 x 320	1540 x 900 x 320	1540 x 900 x 320
Weight	kg	42	77	99	133	133
Maximum Operating Current	A	10.1	14.4	23.9	18	22
Suggested Fuse Size	A	10	20	25	25	25
Supply	Phase	1	1	1	3	3



### Room Sensor (AS21E2)

A wall mounted room sensor is provided with each 'Master' or 'stand-alone' air curtain, enabling the end user to vary the heat output.

One room sensor can control up to eight air curtains with a 'Master' & 'Slave' installation.

### BMS Interface (FDP3-PE)

Supplied as an optional extra, this controls module will provide full BMS compatibility.



### Access

The Toshiba Digital Inverter is designed with ease of maintenance in mind

Generous access is provided to all serviceable components

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