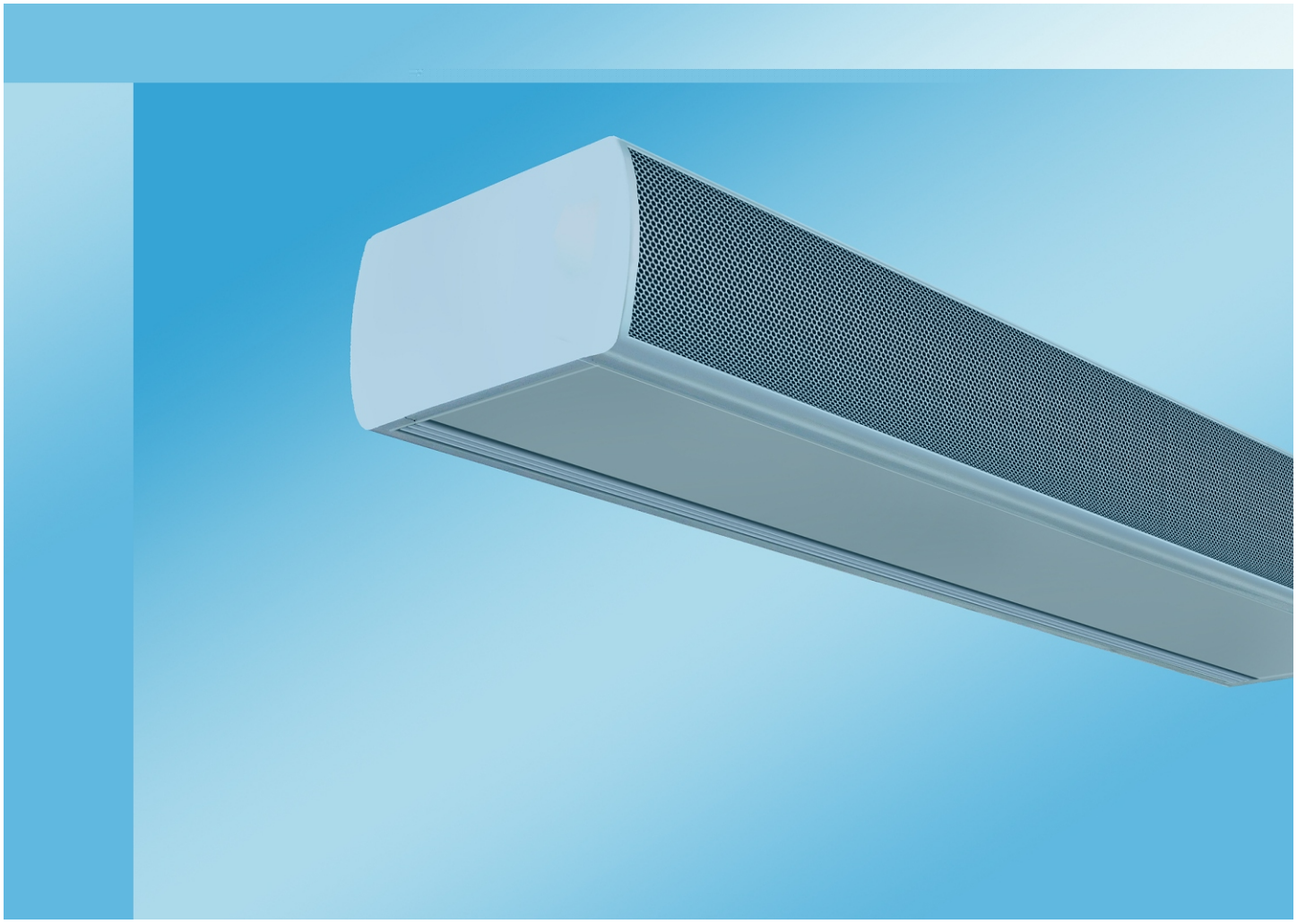
ISO: LITQD008 Iss 7



ENVIROSCREEN D HP

ES D 25 HP
2500mm long unit finished in white powder coat

Width x Height:	640 x 340 mm
Standard Finish:	Gloss white powder coat - RAL9010
Mounting Type:	On view
Mounting Height:	2200 ~ 3000mm
Mounting Options:	Hanging using drop rods

Envirotec Air Curtain Reference	Air Curtain Length	Air Curtain Weight	Air Curtain Phase	Air Curtain Motor Power / FLC / Start	Toshiba Inverter Heat Pump Reference	Heat Pump Output (Max)	Heat Pump Phase	Heat Pump Pipe Length	Heat Pump Weight
	mm	kg		kW / A / A		kW		m	kg
ES D 10 HP	1000	51	1	0.184 / 2.0 / 6.0	**RAV-SM803AT-E**	1.5 - 8.0	1	5 - 30	42
ES D 15 HP	1500	71	1	0.184 / 2.5 / 7.5	**RAV-SM1103AT-E**	3.0 - 11.2	1	5 - 50	77
ES D 20 HP	2000	99	1	0.368 / 4.0 / 12.0	**RAV-SM1603AT-E**	3.0 - 16.0	1	5 - 50	99
ES D 25 HP	2500	117	1	0.368 / 4.5 / 13.5	**RAV-SM2244AT8-E**	9.8 - 22.4	3	5 - 70	133
ES D 30 HP	3000	137	1	0.368 / 5.0 / 15.0	**RAV-SM2804AT8-E**	9.8 - 28.0	3	5 - 70	133

TOSHIBA Leading Innovation
www.toshiba-aircon.co.uk

envirotec
www.envirotec.co.uk
01494 525 342

Toshiba Digital Inverter

Features

- Toshiba twin rotary compressor technology
- High efficiency inverter compressor
- Utilises R410a non-ozone deleting 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 (m3/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