

Smart

The Smart air curtain offers a stylish, discreet and contemporary design that blends effortlessly into any interior.

The smooth front panel hides the air intake grille from view which can be customised to client requirements, for example with logos, lighting or safety information. Low noise centrifugal inlet fans are driven by an external rotor motor with a built in thermal protection contact.

This air curtain is suitable for commercial and industrial buildings. Using air curtains in these types of situations makes internal temperature control more practical, as heat loss through these often open doors is significantly reduced.

An Advanced Pro controller, with built in sensors that intelligently monitor and control temperatures, is included. The wall mounted LCD display offers 5 fan speed selections and 3 heater stages for electrically heated units, or 5 speed fan selection for LPHW and air only units. 7 metres of control cable and an IR hand-held remote are supplied, as standard. An optional Clever PRO intelligent programmable control compatible with Modbus RTU for BMS is also available.



Option available



Colours Available

White RAL9016 (standard)
Any classic RAL colour



Fan Options

AC fan (standard)
EC fan (option)



Mounting Options

Horizontal



Heating Options

Electric, LPHW
Air only



Max Door Height

4.2 m



Lengths Available

1.0m 1.5m
2.0m 2.5m
3.0m



Air Only

Model	Max mounting height (m)	*Airflow (m³/h)	Power/current fans 230V-50Hz (kW/A)	Noise level (@5m) dB(A)	Weight (kg)
SMART M 1000 A	3.5	1800	0.212 / 0.94	53	34
SMART M 1500 A	3.5	2700	0.318 / 1.41	54	50
SMART M 2000 A	3.5	3600	0.424 / 1.88	55	62
SMART M 2500 A	3.5	4500	0.530 / 2.35	56	66
SMART M 3000 A	3.5	5400	0.636 / 2.82	57	76
SMART ECM 1000 A	3.5	1840	0.132 / 1.14	54	34
SMART ECM 1500 A	3.5	2760	0.198 / 1.71	55	50
SMART ECM 2000 A	3.5	3680	0.264 / 2.28	56	62
SMART ECM 2500 A	3.5	4600	0.330 / 2.85	57	66
SMART ECM 3000 A	3.5	5520	0.396 / 3.42	58	76
SMART G 1000 A	3.8	2400	0.642 / 2.85	55	38
SMART G 1500 A	3.8	3200	0.856 / 3.80	56	55
SMART G 2000 A	3.8	4800	1.284 / 5.70	57	72
SMART G 2500 A	3.8	5600	1.498 / 6.65	58	76
SMART G 3000 A	3.8	6400	1.712 / 7.60	59	86
SMART ECG 1000 A	4.2	2700	0.225 / 1.95	59	38
SMART ECG 1500 A	4.2	3600	0.300 / 2.60	60	55
SMART ECG 2000 A	4.2	5400	0.450 / 3.90	61	72
SMART ECG 2500 A	4.2	6300	0.525 / 4.55	62	76
SMART ECG 3000 A	4.2	7200	0.600 / 5.20	63	86

*Tested to Amca 220-05

Electrically Heated

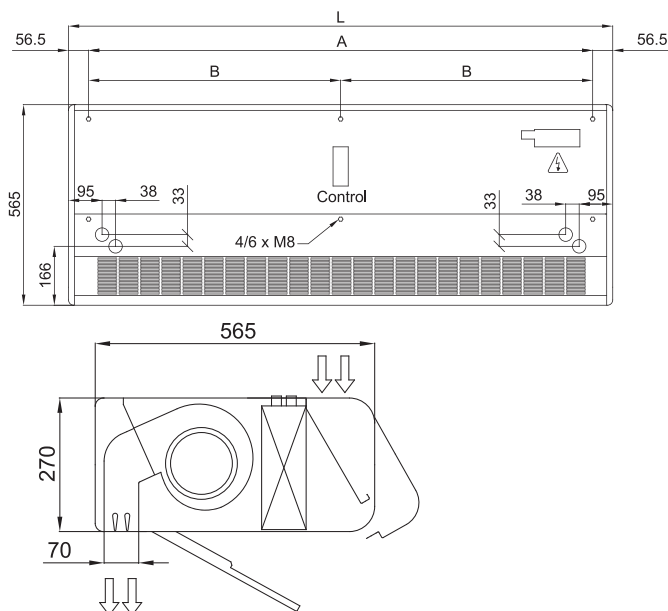
Model	Max mounting height (m)	*Airflow (m³/h)	Electrical heating capacity 400V x3-50Hz (kW)	Power/current fans 230V-50Hz (kW/A)	Noise level (@5m) dB(A)	Weight (kg)
SMART M 1000 E	3.5	1800	9	0.212 / 0.94	53	41
SMART M 1500 E	3.5	2700	12	0.318 / 1.41	54	62
SMART M 2000 E	3.5	3600	18	0.424 / 1.88	55	80
SMART M 2500 E	3.5	4500	18	0.530 / 2.35	56	86
SMART M 3000 E	3.5	5400	24	0.636 / 2.82	57	99
SMART ECM 1000 E	3.5	1840	9	0.132 / 1.14	54	41
SMART ECM 1500 E	3.5	2760	12	0.198 / 1.71	55	62
SMART ECM 2000 E	3.5	3680	18	0.264 / 2.28	56	80
SMART ECM 2500 E	3.5	4600	18	0.330 / 2.85	57	86
SMART ECM 3000 E	3.5	5520	24	0.396 / 3.42	58	99
SMART G 1000 E	3.8	2400	15	0.642 / 2.85	55	46
SMART G 1500 E	3.8	3200	22.5	0.856 / 3.80	56	68
SMART G 2000 E	3.8	4800	30	1.284 / 5.70	57	90
SMART G 2500 E	3.8	5600	30	1.498 / 6.65	58	96
SMART G 3000 E	3.8	6400	30	1.712 / 7.60	59	109
SMART ECG 1000 E	4.2	2700	15	0.225 / 1.95	59	46
SMART ECG 1500 E	4.2	3600	22.5	0.300 / 2.60	60	68
SMART ECG 2000 E	4.2	5400	30	0.450 / 3.90	61	90
SMART ECG 2500 E	4.2	6300	30	0.525 / 4.55	62	96
SMART ECG 3000 E	4.2	7200	30	0.600 / 5.20	63	109

Water Heated

Model	Max. mounting height (m)	Airflow (m³/h)	Water heating capacity (kW) @ 80/60°C	Water drop pressure (Pa) @ 80/60°C	Water heating capacity (kW) @ 60/40°C	Water drop pressure (Pa) @ 60/40°C	Water heating capacity (kW) @ 50/40°C	Water drop pressure (Pa) @ 50/40°C	Power/current (fans) 230V-50Hz (kW/A)	Noise level (dB(A))	Weight (kg)
SMART M 1000 P	3.5	1660	9.17	880	8.56	4370	8.52	1220	0.428 / 1.90	54	39
SMART M 1500 P	3.5	2490	14.26	760	13.69	6460	14.34	4480	0.642 / 2.85	55	58
SMART M 2000 P	3.5	3320	20.65	1930	18.26	4790	18.65	2060	0.856 / 3.80	56	73
SMART M 2500 P	3.5	4150	26.92	3810	22.12	3850	24.32	4040	1.070 / 4.75	57	79
SMART M 3000 P	3.5	4980	33.24	6590	28.37	6760	29.77	5660	1.280 / 5.70	58	91
SMARTECM 1000 P	3.5	1720	9.38	920	8.77	4560	8.74	1280	0.132 / 1.14	54	39
SMARTECM 1500 P	3.5	2580	14.58	790	14.02	6730	14.71	4690	0.198 / 1.71	55	58
SMARTECM 2000 P	3.5	3440	21.12	2010	18.7	4990	19.13	2150	0.264 / 2.28	56	73
SMARTECM 2500 P	3.5	4300	27.53	3960	23.33	4010	24.95	4230	0.330 / 2.85	57	79
SMARTECM 3000 P	3.5	5160	40	6860	29.05	7050	30.54	5920	0.396 / 3.42	58	91
SMART G 1000 P	3.8	2250	11.04	1230	10.42	6190	10.56	1790	0.642 / 2.85	55	44
SMART G 1500 P	3.8	3000	16.02	940	15.47	8020	16.37	5670	0.856 / 3.80	56	64
SMART G 2000 P	3.8	4500	24.92	2700	22.29	6810	23.15	3030	1.284 / 5.70	57	83
SMART G 2500 P	3.8	5250	31.16	4930	26.61	5060	28.76	5450	1.498 / 6.65	58	87
SMART G 3000 P	3.8	6000	37.35	8110	32.1	8410	34.03	7180	1.712 / 7.60	59	99
SMART ECG 1000 P	4.2	2550	11.89	1400	11.27	7110	11.5	2090	0.225 / 1.95	59	44
SMART ECG 1500 P	4.2	3400	17.29	1070	16.77	9240	17.86	6620	0.300 / 2.60	60	64
SMART ECG 2000 P	4.2	5100	26.86	3080	24.14	7850	25.24	3530	0.450 / 3.90	61	83
SMART ECG 2500 P	4.2	5950	33.63	5650	28.84	5840	31.38	6360	0.525 / 4.55	62	87
SMART ECG 3000 P	4.2	6800	40.34	9290	34.81	9710	37.16	8400	0.600 / 5.20	63	99

Water heated: connection pipes P86 and P64 are 2x3/4" female (male if lateral pipes), P54 2x1" male. P86 2 rows coil, P64 3 rows coil, P54 4 rows coil. *Tested to Amca 220-05

Layouts and Dimensions



Smooth or customised front panel with logos, lighting or signage



Hidden top
air entrance

	L	I	A
Smart 1000	1034	920	-
Smart 1500	1534	1420	710
Smart 2000	2034	1920	960
Smart 2500	2534	2420	1210
Smart 3000	3034	2920	1460