RECESSED DAM

HIGH PRESSURE RECESSED
AIR CURTAINS FOR COMMERCIAL DOORS

Technical Features

RAL 9016 standard

Other colors on request

Range
Up to 13,8 ft

Airflow / Length
853 - 3914 cfm
3,2 ft to 8,2 ft

Fans
Centrifugal
5-speed

Heating types
E : electrical 3 stages
P : water
A : unheated

Heating capacity
E : 6 - 30,5 kW
P : 25,08 - 116,8 kBtu/h

Control
Plug&Play manual regulator + IR remote control

Casing
Galvanised Steel

Grille type
Micro-perforated with prefilter function

Outlet lamellas
Aluminium, airfoil type
Adjustable 0-15° each side

RECESSED DAM is a high pressure compact and low profile air curtain from our standard range. It is specially designed for recessed installation in false ceilings, suitable for all types of commercial entrances. Its design is characterized by providing a full view of the inlet and outlet slatted grille, which is maintenance-free and is completely integrated into a single frame colour RAL 9016. Other colours are available on request.

This air curtain model works with double-inlet centrifugal fans driven by an external rotor motor with low noise level. EC models assembled with very low consumption efficiency fans.

Includes Plug&Play control with 23ft RJ45 cable, infrared remote control and magnetic door contact. For electrical heated models also includes thermostat.

CSA certified.

UNHEATED 208V-1ph~60Hz

Model	Airflow	Ventilation power 208V-1ph~60Hz	Ventilation current 208V-1ph~60Hz	Noise level (5 m)	Weight
	cfm	kW	A	dB(A)	lb
RDAM M 1000 A	1089	0,221	1,07	54	99,2
RDAM M 1500 A	1633	0,332	1,61	55	145,5
RDAM M 2000 A	2177	0,442	2,14	56	185,2
RDAM M 2500 A	2722	0,553	2,68	57	205
RDAM G 1000 A	1368	0,332	1,61	56	108
RDAM G 1500 A	1824	0,442	2,14	57	156,5
RDAM G 2000 A	2737	0,663	3,21	58	207,2
RDAM G 2500 A	3193	0,774	3,75	59	227,1
RDAM ECG 1000 A	1589	0,319	2,79	60	108
RDAM ECG 1500 A	2119	0,425	3,72	61	156,5
RDAM ECG 2000 A	3178	0,638	5,58	62	207,2
RDAM ECG 2500 A	3708	0,744	6,51	63	227,1

RECESSED DAM

HIGH PRESSURE RECESSED
AIR CURTAINS FOR COMMERCIAL DOORS

UNHEATED 240V-1ph~60Hz

Model	Airflow	Ventilation power 240V-1ph~60Hz	Ventilation current 240V-1ph~60Hz	Noise level (5 m)	Weight
	cfm	kW	A	dB(A)	lb
RDAM M 1000 A	1177	0,263	1,10	55	99,2
RDAM M 1500 A	1766	0,395	1,65	56	145,5
RDAM M 2000 A	2354	0,526	2,20	57	185,2
RDAM M 2500 A	2943	0,658	2,75	58	205
RDAM G 1000 A	1457	0,395	1,65	57	108
RDAM G 1500 A	1942	0,526	2,20	58	156,5
RDAM G 2000 A	2913	0,789	3,30	59	207,2
RDAM G 2500 A	3399	0,921	3,85	60	227,1
RDAM ECG 1000 A	1677	0,381	2,94	61	108
RDAM ECG 1500 A	2236	0,508	3,92	62	156,5
RDAM ECG 2000 A	3354	0,762	5,88	63	207,2
RDAM ECG 2500 A	3914	0,889	6,86	64	227,1

ELECTRIC HEATED 208V-1ph~60Hz

Model	Airflow	Electrical heating capacity (*) 208V-3ph~60Hz	Electrical heating capacity (*) 460V-3ph~60Hz	Electrical heating capacity (*) 480V-3ph~60Hz	Electrical heating capacity (*) 575V-3ph~60Hz	Ventilation power 208V-1ph~60Hz	Ventilation current 208V-1ph~60Hz	Noise level (5 m)	Weight
	cfm	kW	kW	kW	kW	kW	A	dB(A)	lb
RDAM M 1000 E	1059	2/4/6	2/4,5/6,5	2,5/5/7,5	3,5/3,5/7	0,221	1,07	54	114,6
RDAM M 1500 E	1589	3/6/9	3/6,5/9,5	3,5/7/10,5	5/5/10	0,332	1,61	55	172
RDAM M 2000 E	2119	4/8/12	4/8,5/12,5	4,5/9/13,5	6,5/6,5/13	0,442	2,14	56	224,9
RDAM M 2500 E	2648	5/8/13	5/10/15	5,5/11/16,5	8/8/16	0,553	2,68	57	249,1
RDAM G 1000 E	1324	2,5/5/7,5	2,5/5/7,5	3/5,5/8,5	3,5/4/7,5	0,332	1,61	56	125,7
RDAM G 1500 E	1766	3,5/6,5/10	3,5/7/10,5	4/7,5/11,5	5/5,5/10,5	0,442	2,14	57	185,2
RDAM G 2000 E	2648	5/9/14	5/10,5/15,5	5,5/11/16,5	6,5/8/14,5	0,663	3,21	58	246,9
RDAM G 2500 E	3090	5,5/9/14,5	6/12/18	6,5/13/19,5	8/9,5/17,5	0,774	3,75	59	271,2
RDAM ECG 1000 E	1589	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,319	2,79	60	125,7
RDAM ECG 1500 E	2119	6/9,5/15,5	5,5/10,5/16	5,8/11,7/17,5	5,5/11/16,5	0,425	3,72	61	185,2
RDAM ECG 2000 E	3178	5/9/14	8/16,5/24,5	8,8/17,7/26,5	8/16/24	0,638	5,58	62	246,9
RDAM ECG 2500 E	3708	5,5/9/14,5	9,5/18,5/28	10,2/20,3/30,5	9,5/19/28,5	0,744	6,51	63	271,2

(*) Under request other electrical heating power can be limited.
For 208V~3ph~60Hz air Curtains there is only needed to connect three-phase power supply.
For the rest of air curtains, there is needed to connect both three-phase (for electrical heating) and single phase (for fans).

ELECTRIC HEATED 240V-1ph~60Hz

Model	Airflow	Electrical heating capacity (*) 208V-3ph~60Hz	Electrical heating capacity (*) 460V-3ph~60Hz	Electrical heating capacity (*) 480V-3ph~60Hz	Electrical heating capacity (*) 575V-3ph~60Hz	Ventilation power 240V-1ph~60Hz	Ventilation current 240V-1ph~60Hz	Noise level (5 m)	Weight
	cfm	kW	kW	kW	kW	kW	A	dB(A)	lb
RDAM M 1000 E	1148	2,5/5/7,5	3,3/6,7/10	3,7/7,3/11	3,5/7/10,5	0,263	1,10	55	114,6
RDAM M 1500 E	1721	3/6,5/9,5	4,8/9,7/14,5	5,2/10,3/15,5	5/10/15	0,395	1,65	56	172
RDAM M 2000 E	2295	4/8/12	6,5/13/19,5	7/14/21	6,5/13/19,5	0,526	2,20	57	224,9
RDAM M 2500 E	2869	5/8/13	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,658	2,75	58	249,1
RDAM G 1000 E	1412	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,395	1,65	57	125,7
RDAM G 1500 E	1883	6/9,5/15,5	5,3/10,7/16	5,8/11,7/17.5	5,5/11/16,5	0,526	2,20	58	185,2
RDAM G 2000 E	2825	5/9/14	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,789	3,30	59	246,9
RDAM G 2500 E	3296	5,5/9/14,5	9,3/18,7/28	10,2/20,3/30,5	9,5/19/28,5	0,921	3,85	60	271,2
RDAM ECG 1000 E	1633	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,381	2,94	61	125,7
RDAM ECG 1500 E	2177	6/9,5/15,5	5,3/10,7/16	5,8/11,7/17,5	5,5/11/16,5	0,508	3,92	62	185,2
RDAM ECG 2000 E	3266	5/9/14	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,762	5,88	63	246,9
RDAM ECG 2500 E	3811	5,5/9/14,5	9,3/18,7/28	10,2/20,3/30,5	9,5/19/28,5	0,889	6,86	64	271,2

(*) Under request other electrical heating power can be limited.

WATER HEATED 208V-1ph~60Hz

Model	Airflow	P86 (176/140°F)		P64 (140/104°F)		P54 (122/104°F)		Ventilation power (*)	Ventilation current (*)	Noise level (5 m)	Weight
		Water heating capacity	Water pressure drop	Water heating capacity	Water pressure drop	Water heating capacity	Water pressure drop				
	cfm	kBtu/h	psi	kBtu/h	psi	kBtu/h	psi	kW	A	dB(A)	lb
RDAM M 1000 P	853	28,73	0,11	25,45	0,54	25,08	0,15	0,221	1,07	55	110,2
RDAM M 1500 P	1280	44,66	0,09	40,64	0,80	42,24	0,55	0,332	1,61	56	163,1
RDAM M 2000 P	1707	64,69	0,24	54,18	0,59	54,9	0,25	0,442	2,14	57	209,4
RDAM M 2500 P	2133	84,31	0,47	67,56	0,47	71,59	0,49	0,553	2,68	58	233,7
RDAM G 1000 P	1103	33,75	0,15	30,13	0,73	30,23	0,21	0,332	1,61	56	121,3
RDAM G 1500 P	1471	48,79	0,11	44,63	0,94	46,75	0,65	0,442	2,14	57	176,4
RDAM G 2000 P	2207	76,06	0,32	64,35	0,80	66,2	0,35	0,663	3,21	58	231,5
RDAM G 2500 P	2575	94,99	0,59	76,7	0,59	82,13	0,63	0,774	3,75	59	251,3
RDAM ECG 1000 P	1501	40,57	0,20	36,61	1,03	37,36	0,30	0,320	2,86	60	121,3
RDAM ECG 1500 P	2001	59	0,16	54,49	1,34	58,07	0,96	0,427	3,81	61	176,4
RDAM ECG 2000 P	3001	91,68	0,45	78,45	1,14	82,06	0,51	0,640	5,72	62	231,5
RDAM ECG 2500 P	3502	114,78	0,82	93,77	0,85	102,02	0,92	0,747	6,67	63	251,3

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.
(*) Voltage 208-1ph~60Hz

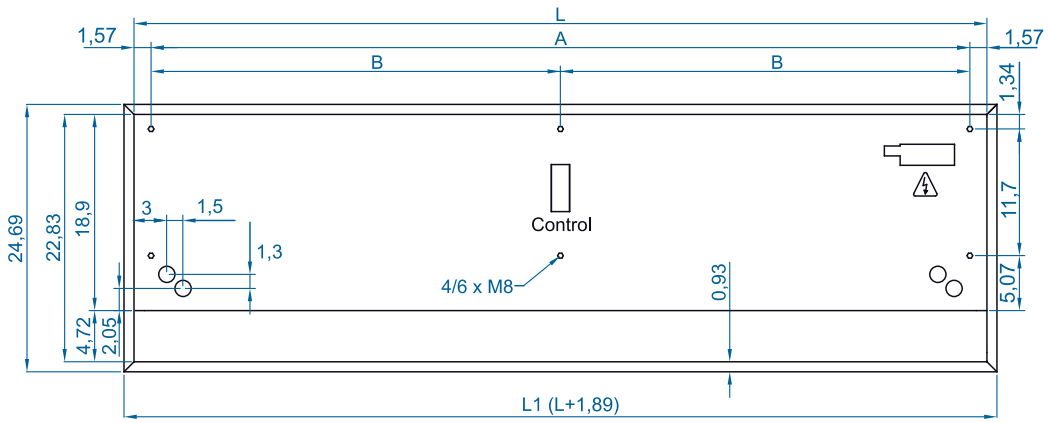
WATER HEATED 240V-1ph~60Hz

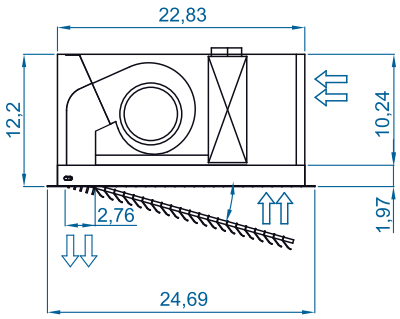
Model	Airflow	P86 (176/140°F)		P64 (140/104°F)		P54 (122/104°F)		Ventilation power (*)	Ventilation current (*)	Noise level (5 m)	Weight
		Water heating capacity	Water pressure drop	Water heating capacity	Water pressure drop	Water heating capacity	Water pressure drop				
	cfm	kBtu/h	psi	kBtu/h	psi	kBtu/h	psi	kW	A	dB(A)	lb
RDAM M 1000 P	971	31,19	0,13	27,71	0,63	27,57	0,18	0,263	1,10	56	110,2
RDAM M 1500 P	1457	48,49	0,11	44,33	0,93	46,41	0,65	0,395	1,65	57	163,1
RDAM M 2000 P	1942	70,22	0,28	59,13	0,69	60,36	0,30	0,526	2,20	58	209,4
RDAM M 2500 P	2428	91,55	0,55	73,77	0,55	78,72	0,58	0,658	2,75	59	233,7
RDAM G 1000 P	1324	37,67	0,18	33,85	0,90	34,33	0,26	0,395	1,65	57	121,3
RDAM G 1500 P	1766	54,66	0,14	50,29	1,16	53,23	0,82	0,526	2,20	58	176,4
RDAM G 2000 P	2648	85,03	0,39	72,44	0,99	75,27	0,44	0,789	3,30	59	231,5
RDAM G 2500 P	3090	106,36	0,72	86,5	0,74	93,53	0,79	0,921	3,85	60	251,3
RDAM ECG 1000 P	1545	41,25	0,21	37,26	1,06	38,11	0,31	0,381	2,94	61	121,3
RDAM ECG 1500 P	2060	60,02	0,16	55,52	1,39	59,23	0,51	0,508	3,92	62	176,4
RDAM ECG 2000 P	3090	93,29	0,46	79,91	1,18	83,7	0,53	0,762	5,88	63	231,5
RDAM ECG 2500 P	3605	116,8	0,85	95,51	0,88	104,1	0,96	0,889	6,86	64	251,3

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.
(*) Voltage 240-1ph~60Hz

Selection program

Dimensions





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RDAM 1000	39,37	41,34	36,22	-
RDAM 1500	59,06	61,02	55,91	27,95
RDAM 2000	78,74	80,71	75,59	37,79
RDAM 2500	98,43	100,39	95,28	47,64

CAD drawings, installation manuals and other documentation

CAD

Optional accessories

Supports and installation

Wall rail support
SPWR

Silentblock supports
SPANG-SIL / SLB

Suspension cables
SPCT

Control

IR Control
✔Included

Basic Control
✔ Included

RJ45 Cable
✔Included

Hand-Auto
CH-5HW-NE

Interface kit
IN-NE-II

Sensors

Magnetic
door contact MAG-DC
✔Included

Mechanical
door contact MEC-DC