



Technical Features



RAL 9016
standard



Other colors
on request



Range
Up to 13.8 ft



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



Casing
Galvanised Steel [*]



Airflow / Length
920 - 3600 cfm
3.2 ft to 8.2 ft



Heating capacity
E : 2 - 30.5 kW
P : 24.33 - 110.04
kBtu/h



Grille type
Micro-perforated
with prefilter function



Fans
Centrifugal
5-speed



Control
A, E : Plug&Play Advanced PRO
P : Plug&Play manual regulator
+ IR remote control



Outlet lamellas
Aluminium, airfoil type

[*] Customizable dimensions on request

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.

"A", "E" type includes Advanced PRO control with LCD display and integrated thermostat, door contact, 23ft / 7m RJ45 cable and remote control.

"P" type includes Plug&Play control with 7 m RJ45 cable, infrared remote control and magnetic door contact. For electrical heated models also thermostat.

CSA certified:



✿ UNHEATED 208V-1ph~60Hz

Model	Airflow cfm	Ventilation power 208V-1ph~60Hz kW	Ventilation current 208V-1ph~60Hz A	Outlet Uniformity %	Outlet maximum velocity fpm	Outlet average velocity fpm	Noise level (5 m) dB(A)	Weight lb
RDAM M 1000 A	955	0.238	1.14	58	3132	2300	54	99
RDAM M 1500 A	1430	0.357	1.70	58	3132	2300	55	146
RDAM M 2000 A	1910	0.476	2.27	58	3132	2300	56	185
RDAM M 2500 A	2385	0.595	2.84	58	3132	2300	57	205
RDAM G 1000 A	1265	0.357	1.70	-	-	-	56	108
RDAM G 1500 A	1685	0.476	2.27	-	-	-	57	157
RDAM G 2000 A	2525	0.714	3.41	-	-	-	58	207
RDAM G 2500 A	2950	0.833	3.97	-	-	-	59	227
RDAM ECG 1000 A	1450	0.350	2.63	91	3144	2750	60	108
RDAM ECG 1500 A	1920	0.466	3.50	91	3144	2750	61	157
RDAM ECG 2000 A	2880	0.699	5.25	91	3144	2750	62	207
RDAM ECG 2500 A	3360	0.816	6.13	91	3144	2750	63	227



✿ UNHEATED 240V-1ph~60Hz

Model	Airflow	Ventilation power 240V-1ph~60Hz	Ventilation current 240V-1ph~60Hz	Outlet Uniformity	Outlet maximum velocity	Outlet average velocity	Noise level (5 m)	Weight
	cfm	kW	A	%	fpm	fpm	dB(A)	lb
RDAM M 1000 A	1020	0.293	1.20	58	3238	2400	55	99
RDAM M 1500 A	1520	0.439	1.80	58	3238	2400	56	146
RDAM M 2000 A	2030	0.585	2.40	58	3238	2400	57	185
RDAM M 2500 A	2530	0.732	3.00	58	3238	2400	58	205
RDAM G 1000 A	1350	0.439	1.80	-	-	-	57	108
RDAM G 1500 A	1800	0.585	2.40	-	-	-	58	157
RDAM G 2000 A	2700	0.878	3.60	-	-	-	59	207
RDAM G 2500 A	3140	1.024	4.20	-	-	-	60	227
RDAM ECG 1000 A	1530	0.454	3.00	87	3375	3016	61	108
RDAM ECG 1500 A	2050	0.573	3.70	91	3252	2868	62	157
RDAM ECG 2000 A	3060	0.908	6.00	87	3374	3016	63	207
RDAM ECG 2500 A	3600	1.027	6.70	89	3300	2927	64	227

⚡ ELECTRIC HEATED 208V-1ph~60Hz

Model	Airflow	Electrical heating capacity (²) 208V-3ph~60Hz	Electrical heating capacity (²) 460V-3ph~60Hz	Electrical heating capacity (²) 480V-3ph~60Hz	Electrical heating capacity (²) 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	940	2/4/6	2/4.5/6.5	2.5/5/7.5	3.5/3.5/7	0.238	1.14	54	115
RDAM M 1500 E	1400	3/6/9	3/6.5/9.5	3.5/7/10.5	5/5/10	0.357	1.70	55	172
RDAM M 2000 E	1875	4/8/12	4/8.5/12.5	4.5/9/13.5	6.5/6.5/13	0.476	2.27	56	225
RDAM M 2500 E	2340	5/8/13	5/10/15	5.5/11/16.5	8/8/16	0.595	2.84	57	250
RDAM G 1000 E	1250	2.5/5/7.5	2.5/5/7.5	3/5.5/8.5	3.5/4/7.5	0.357	1.70	56	126
RDAM G 1500 E	1660	3.5/6.5/10	3.5/7/10.5	4/7.5/11.5	5/5.5/10.5	0.476	2.27	57	185
RDAM G 2000 E	2500	5/9/14	5/10.5/15.5	5.5/11/16.5	6.5/8/14.5	0.714	3.41	58	247
RDAM G 2500 E	2910	5.5/9/14.5	6/12/18	6.5/13/19.5	8/9.5/17.5	0.833	3.97	59	271
RDAM ECG 1000 E	1425	4/8/12	4/8/12	4.3/8.7/13	4/8/12	0.350	2.63	60	126
RDAM ECG 1500 E	1900	6/9.5/15.5	5.5/10.5/16	5.8/11.7/17.5	5.5/11/16.5	0.466	3.50	61	185
RDAM ECG 2000 E	2850	5/9/14	8/16.5/24.5	8.8/17.7/26.5	8/16/24	0.699	5.25	62	247
RDAM ECG 2500 E	3320	5.5/9/14.5	9.5/18.5/28	10.2/20.3/30.5	9.5/19/28.5	0.816	6.13	63	271

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 (²) 208V-3ph~60Hz	Electrical heating capacity (²) 460V-3ph~60Hz	Electrical heating capacity (²) 480V-3ph~60Hz	Electrical heating capacity (²) 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	995	2.5/5/7.5	3.3/6.7/10	3.7/7.3/11	3.5/7/10.5	0.293	1.20	55	115
RDAM M 1500 E	1500	3/6.5/9.5	4.8/9.7/14.5	5.2/10.3/15.5	5/10/15	0.439	1.80	56	172
RDAM M 2000 E	2000	4/8/12	6.5/13/19.5	7/14/21	6.5/13/19.5	0.585	2.40	57	225
RDAM M 2500 E	2500	5/8/13	8.2/16.3/24.5	8.8/17.7/26.5	8/16/24	0.732	3.00	58	250
RDAM G 1000 E	1325	4/8/12	4/8/12	4.3/8.7/13	4/8/12	0.439	1.80	57	126
RDAM G 1500 E	1770	6/9.5/15.5	5.3/10.7/16	5.8/11.7/17.5	5.5/11/16.5	0.585	2.40	58	185
RDAM G 2000 E	2650	5/9/14	8.2/16.3/24.5	8.8/17.7/26.5	8/16/24	0.878	3.60	59	247
RDAM G 2500 E	3090	5.5/9/14.5	9.3/18.7/28	10.2/20.3/30.5	9.5/19/28.5	1.024	4.20	60	271
RDAM ECG 1000 E	1325	4/8/12	4/8/12	4.3/8.7/13	4/8/12	0.439	1.80	61	126
RDAM ECG 1500 E	1770	6/9.5/15.5	5.3/10.7/16	5.8/11.7/17.5	5.5/11/16.5	0.585	2.40	62	185
RDAM ECG 2000 E	2650	5/9/14	8.2/16.3/24.5	8.8/17.7/26.5	8/16/24	0.878	3.60	63	247
RDAM ECG 2500 E	3090	5.5/9/14.5	9.3/18.7/28	10.2/20.3/30.5	9.5/19/28.5	1.024	4.20	64	271

(²) Under request other electrical heating power can be limited.



WATER HEATED 208V-1ph~60Hz ⁽³⁾

Model	Airflow	P86 (80/60°C)		P64 (60/40°C)		P54 (50/40°C)		Ventilation power	Ventilation current	Noise level	Weight
		Water heating capacity	Water pressure drop	Water heating capacity	Water pressure drop	Water heating capacity	Water pressure drop	208V-1ph ~60Hz	208V-1ph ~60Hz	(5 m)	
	cfm	kBtu/h	psi	kBtu/h	psi	kBtu/h	psi	kW	A	dB(A)	lb
RDAM M 1000 P	920	24.33	0.02	26.68	0.59	26.49	0.16	0.238	1.14	55	110
RDAM M 1500 P	1340	46.78	0.10	42.69	0.87	44.56	0.60	0.357	1.70	56	163
RDAM M 2000 P	1840	67.73	0.26	56.91	0.64	57.90	0.28	0.476	2.27	57	209
RDAM M 2500 P	2300	88.31	0.51	70.97	0.52	75.54	0.54	0.595	2.84	58	234
RDAM G 1000 P	1210	29.52	0.03	31.94	0.81	32.21	0.23	0.357	1.70	56	121
RDAM G 1500 P	1620	51.69	0.12	47.39	1.05	49.92	0.73	0.476	2.27	57	176
RDAM G 2000 P	2500	80.42	0.35	68.31	0.89	70.60	0.39	0.714	3.41	58	232
RDAM G 2500 P	2850	100.52	0.65	81.48	0.66	87.69	0.70	0.833	3.97	59	251
RDAM ECG 1000 P	1400	38.69	1290	34.84	6510	35.40	0.28	0.350	2.63	60	121
RDAM ECG 1500 P	1850	56.20	990	51.76	8440	54.94	0.87	0.466	3.50	61	176
RDAM ECG 2000 P	2780	87.38	2830	74.52	7170	77.66	0.46	0.699	5.25	62	232
RDAM ECG 2500 P	3240	109.33	5180	86.06	5330	96.53	0.84	0.816	6.13	63	251

Water heated: connection pipes P86 and P64 are 2x G(BSPP) 3/4" female (male if lateral pipes), P54 2x G(BSPP) 1" male.
P86 2 rows coil, P64 3 rows coil, P54 4 rows coil.

WATER HEATED 240V-1ph~60Hz ⁽³⁾

Model	Airflow	P86 (80/60°C)		P64 (60/40°C)		P54 (50/40°C)		Ventilation power	Ventilation current	Noise level	Weight
		Water heating capacity	Water pressure drop	Water heating capacity	Water pressure drop	Water heating capacity	Water pressure drop	240V-1ph ~60Hz	240V-1ph ~60Hz	(5 m)	
	cfm	kBtu/h	psi	kBtu/h	psi	kBtu/h	psi	kW	A	dB(A)	lb
RDAM M 1000 P	980	25.45	0.02	27.81	0.63	27.71	0.18	0.293	1.20	56	110
RDAM M 1500 P	1470	48.66	0.11	44.49	0.94	46.61	0.65	0.439	1.80	57	163
RDAM M 2000 P	1960	70.46	0.28	59.34	0.69	60.60	0.30	0.585	2.40	58	209
RDAM M 2500 P	2450	91.85	0.55	74.01	0.56	79.03	0.59	0.732	3.00	59	234
RDAM G 1000 P	1290	37.06	0.17	33.27	0.87	33.68	0.25	0.439	1.80	57	121
RDAM G 1500 P	1720	53.78	0.13	49.41	1.13	52.21	0.80	0.585	2.40	58	176
RDAM G 2000 P	2580	83.63	0.38	71.18	0.96	73.84	0.42	0.878	3.60	59	232
RDAM G 2500 P	3010	104.55	0.69	84.96	0.71	91.72	0.76	1.024	4.20	60	251
RDAM ECG 1000 P	1475	40.06	0.20	36.13	1.01	36.85	0.30	0.454	3.00	61	121
RDAM ECG 1500 P	1970	58.31	0.15	53.84	1.31	57.32	0.94	0.573	3.70	62	176
RDAM ECG 2000 P	2950	90.56	0.44	77.46	1.11	80.90	0.50	0.908	6.00	63	232
RDAM ECG 2500 P	3450	110.04	0.80	92.61	0.83	100.69	0.90	1.027	6.70	64	251

Water heated: connection pipes P86 and P64 are 2x G(BSPP) 3/4" female (male if lateral pipes), P54 2x G(BSPP) 1" male.
P86 2 rows coil, P64 3 rows coil, P54 4 rows coil.

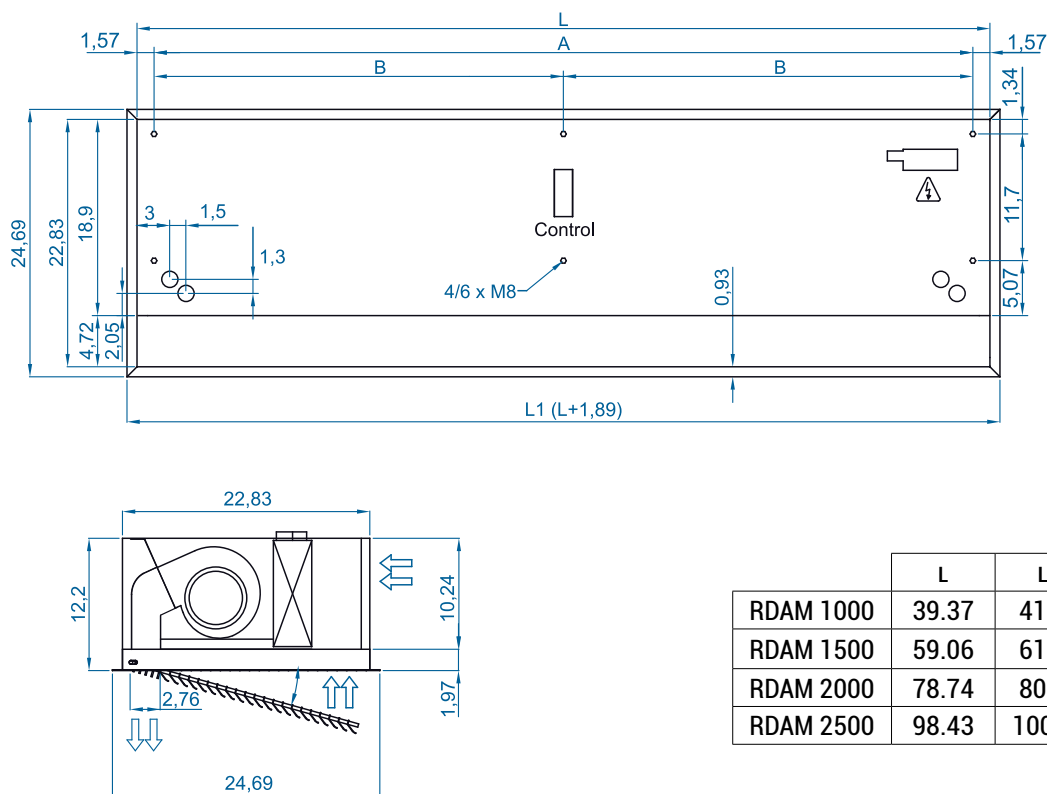
⁽³⁾ Air curtain with CSA components, but without being certified.



Selection program



Dimensions



	L	L1	A	B
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



Optional accessories

Supports and installation



Wall rail support
SPWR



Silentblock supports
SPANG-SIL / SLB



Suspension cables
SPCT

Control



Advanced Pro
✓ Included "A", "E"



CW-5AW-IR
✓ Included "P"



IR Control
✓ Included



RJ45 Cable
✓ Included

Sensors



Magnetic
door contact MAG-DC
✓ Included



Mechanical
door contact MEC-DC