



### Characteristics



- Self-supporting casing construction made of galvanized steel plate, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours or stainless steel are available on request.
- Front panel with option to customize and the possibility of including personalized logos, signs, graphic designs, images, etc.
- The inlet areas are located behind the front panel. They do not need maintenance.
- Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- Double-inlet centrifugal fans driven by an external rotor motor and low noise level. 5-speed selector. "EC" models with very low consumption efficient fans.
- "P" type with water heated coil. "E" type with electrical shielded elements, three stages with integrated regulation. "A" type without heating, air only.
- Includes Plug&Play control with 7m RJ45 cable and infrared remote control. Optional: Clever control (programmable, automatic, intelligent, energy saving, Modbus RTU for BMS...).
- Air curtain with UL components, but without being certified

### Specifications

#### AIR ONLY 208 V

Model	Airflow m³/h	Power Fans 208V-60Hz kW	Current Fans 208V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
DAM M 1000 A 60Hz	1850	0,221	1,07	54	38
DAM M 1500 A 60Hz	2775	0,332	1,61	55	56
DAM M 2000 A 60Hz	3700	0,442	2,14	56	70
DAM M 2500 A 60Hz	4625	0,553	2,68	57	76
DAM M 3000 A 60Hz	5550	0,664	3,21	58	88
DAM G 1000 A 60Hz	2325	0,332	1,61	56	42
DAM G 1500 A 60Hz	3100	0,442	2,14	57	61
DAM G 2000 A 60Hz	4650	0,664	3,21	58	80
DAM G 2500 A 60Hz	5425	0,774	3,75	59	86
DAM G 3000 A 60Hz	6200	0,885	4,28	60	98
DAM ECG 1000 A 60Hz	2700	0,319	2,79	60	42
DAM ECG 1500 A 60Hz	3600	0,426	3,72	61	61
DAM ECG 2000 A 60Hz	5400	0,638	5,58	62	80
DAM ECG 2500 A 60Hz	6300	0,745	6,51	63	86
DAM ECG 3000 A 60Hz	7200	0,851	7,44	64	98

#### AIR ONLY 240 V

Model	Airflow m³/h	Power Fans 240V-60Hz kW	Current Fans 240V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
DAM M 1000 A 60Hz	2000	0,263	1,10	55	38
DAM M 1500 A 60Hz	3000	0,395	1,65	56	56
DAM M 2000 A 60Hz	4000	0,526	2,20	57	70
DAM M 2500 A 60Hz	5000	0,658	2,75	58	76
DAM M 3000 A 60Hz	6000	0,790	3,30	59	88
DAM G 1000 A 60Hz	2475	0,395	1,65	57	42
DAM G 1500 A 60Hz	3300	0,526	2,20	58	61
DAM G 2000 A 60Hz	4950	0,790	3,30	59	80
DAM G 2500 A 60Hz	5775	0,921	3,85	60	86
DAM G 3000 A 60Hz	6600	1,053	4,40	61	98
DAM ECG 1000 A 60Hz	2850	0,381	2,94	61	42
DAM ECG 1500 A 60Hz	3800	0,508	3,92	62	61
DAM ECG 2000 A 60Hz	5700	0,762	5,88	63	80
DAM ECG 2500 A 60Hz	6650	0,889	6,86	64	86
DAM ECG 3000 A 60Hz	7600	1,016	7,84	65	98

#### WATER HEATED 208 V

Model	Airflow m³/h	P86		P64		P54		Power Fans 208V-60Hz kW	Current Fans 208V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
		Heating Capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Heating Capacity 50/40°C kW	Water Drop Pressure 50/40°C Pa				
DAM M 1000 P 60Hz	1450	8,42	760	7,46	3730	7,35	1030	0,221	1,07	55	43
DAM M 1500 P 60Hz	2175	13,09	650	11,91	5510	12,38	3770	0,332	1,61	56	64
DAM M 2000 P 60Hz	2900	18,96	1660	15,88	4070	16,09	1720	0,442	2,14	57	81
DAM M 2500 P 60Hz	3625	24,71	3270	19,80	3270	20,98	3390	0,553	2,68	58	89
DAM M 3000 P 60Hz	4350	30,49	5660	24,66	5750	25,68	4750	0,664	3,21	59	103
DAM G 1000 P 60Hz	1875	9,89	1010	8,83	5040	8,86	1430	0,332	1,61	56	48
DAM G 1500 P 60Hz	2500	14,30	770	13,08	6490	13,70	4510	0,442	2,14	57	70
DAM G 2000 P 60Hz	3750	22,29	2210	18,86	5530	19,40	2410	0,664	3,21	58	91
DAM G 2500 P 60Hz	4375	27,84	4040	22,48	4100	24,07	4330	0,774	3,75	59	97
DAM G 3000 P 60Hz	5000	33,33	6620	27,10	6800	28,44	5690	0,885	4,28	60	111
DAM ECG 1000 P 60Hz	2550	11,89	1400	10,73	7110	10,95	2090	0,319	2,79	60	48
DAM ECG 1500 P 60Hz	3400	17,29	1070	15,97	9240	17,02	6630	0,426	3,72	61	70
DAM ECG 2000 P 60Hz	5100	26,87	3080	22,99	7850	24,05	3530	0,638	5,58	62	91
DAM ECG 2500 P 60Hz	5950	33,64	5650	27,48	5840	29,90	6370	0,745	6,51	63	97
DAM ECG 3000 P 60Hz	6800	40,35	9300	33,16	9720	35,40	8400	0,851	7,44	64	111

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.

# DAM M,G,ECG 60Hz | High Pressure Air Curtains For Commercial And Industrial Doors



WATER HEATED 240V											
Model	Airflow m <sup>3</sup> /h	P86		P64		P54		Power Fans 240V-60Hz kW	Current Fans 240V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
		Heating Capacity 80/60°C kW	Water Drop Pressure 80/60°C Pa	Heating Capacity 60/40°C kW	Water Drop Pressure 60/40°C Pa	Heating Capacity 50/40°C kW	Water Drop Pressure 50/40°C Pa				
DAM M 1000 P 60Hz	1650	9,14	880	8,12	4340	8,08	1220	0,263	1,10	56	43
DAM M 1500 P 60Hz	2475	14,21	760	12,99	6420	13,60	4450	0,395	1,65	57	64
DAM M 2000 P 60Hz	3300	20,58	1920	17,33	4750	17,69	2040	0,526	2,20	58	81
DAM M 2500 P 60Hz	4125	26,83	3790	21,62	3820	23,07	4010	0,658	2,75	59	89
DAM M 3000 P 60Hz	4950	33,12	6550	26,92	6720	28,23	5620	0,790	3,30	60	103
DAM G 1000 P 60Hz	2250	11,04	1230	9,92	6190	10,06	1800	0,395	1,65	57	48
DAM G 1500 P 60Hz	3000	16,02	940	14,74	8020	15,60	5680	0,526	2,20	58	70
DAM G 2000 P 60Hz	4500	24,92	2700	21,23	6820	22,06	3030	0,790	3,30	59	91
DAM G 2500 P 60Hz	5250	31,17	4940	25,35	5070	27,41	5450	0,921	3,85	60	97
DAM G 3000 P 60Hz	6000	37,36	8110	30,58	8420	32,42	7190	1,053	4,40	61	111
DAM ECG 1000 P 60Hz	2625	12,09	1450	10,92	7340	11,17	2160	0,381	2,94	61	48
DAM ECG 1500 P 60Hz	3500	17,59	1110	16,27	9550	17,36	3500	0,508	3,92	62	70
DAM ECG 2000 P 60Hz	5250	27,34	3180	23,42	8110	24,53	3660	0,762	5,88	63	91
DAM ECG 2500 P 60Hz	6125	34,23	5830	27,99	6040	30,51	6600	0,889	6,86	64	97
DAM ECG 3000 P 60Hz	7000	41,07	9590	33,79	10040	36,12	8710	1,016	7,84	65	111

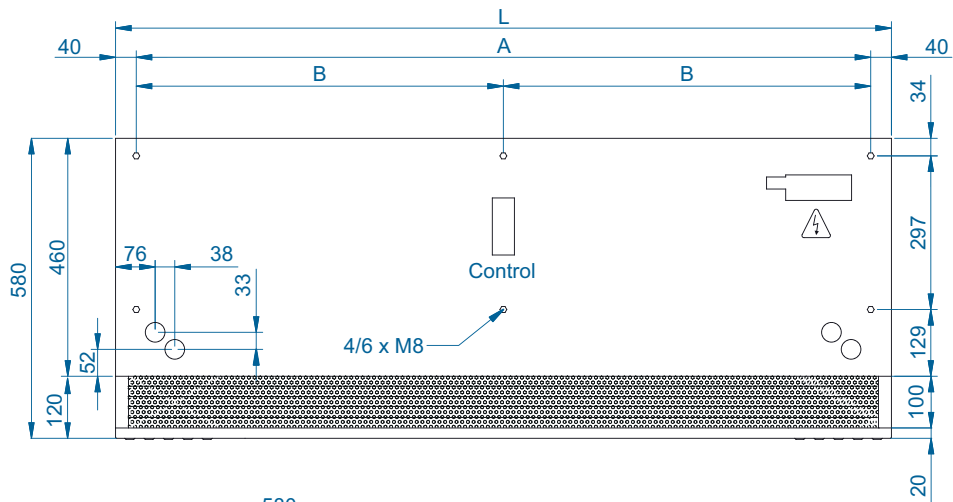
Water heated: connection pipes P86 and P64 are 2x3/4" female (male if lateral pipes), P54 2x1" male. P86 2 rows coil, P64 3 rows coil, P54 4 rows coil.

ELECTRICAL HEATED 208 V									
Model	Airflow m <sup>3</sup> /h	Electrical Heating Capacity 208Vx3-60Hz	Electrical Heating Capacity 460Vx3-60Hz	Electrical Heating Capacity 480Vx3-60Hz	Electrical Heating Capacity 575Vx3-60Hz	Power Fans 208V-60Hz kW	Current Fans 208V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
		kW	kW	kW	kW				
DAM M 1000 E 60Hz	1800	2/4/6	24,5/6,5	2,5/7,5	3,5/3,5/7	0,221	1,07	54	45
DAM M 1500 E 60Hz	2700	3/6/9	36,5/9,5	3,5/7/10,5	5/5/10	0,332	1,61	55	68
DAM M 2000 E 60Hz	3600	4/8/12	48,5/12,5	4,5/9/13,5	6,5/6,5/13	0,442	2,14	56	88
DAM M 2500 E 60Hz	4500	5/8/13	5/10/15	5,5/11/16,5	8/8/16	0,553	2,68	57	96
DAM M 3000 E 60Hz	5400	6,5/8/14,5	6/12/18	6,5/13/19,5	9,5/9,5/19	0,664	3,21	58	111
DAM G 1000 E 60Hz	2250	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	50
DAM G 1500 E 60Hz	3000	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	74
DAM G 2000 E 60Hz	4500	5/9/14	5/10,5/15,5	5,5/11/16,5	6,5/8/14,5	0,664	3,21	58	98
DAM G 2500 E 60Hz	5250	5,5/9/14,5	6/12/18	6,5/13/19,5	8,5/17,5	0,774	3,75	59	106
DAM G 3000 E 60Hz	6000	6,5/8/14,5	6/12/18	6,5/13/19,5	9,5/9,5/19	0,885	4,28	60	121
DAM ECG 1000 E 60Hz	2700	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,319	2,79	60	50
DAM ECG 1500 E 60Hz	3600	6/9,5/15,5	5,5/10,5/16	5,8/11,7/17,5	5,5/11/16,5	0,426	3,72	61	74
DAM ECG 2000 E 60Hz	5400	5/9/14	8/16,5/24,5	8,8/17,7/26,5	8/16/24	0,638	5,58	62	98
DAM ECG 2500 E 60Hz	6300	5,5/9/14,5	9,5/18,5/28	10,2/20,3/30,5	9,5/19/28,5	0,745	6,51	63	106
DAM ECG 3000 E 60Hz	7200	6,5/8/14,5	9,5/18,5/28	10,2/20,3/30,5	9,5/19/28,5	0,851	7,44	64	121

ELECTRICAL HEATED 240 V									
Model	Airflow m <sup>3</sup> /h	Electrical Heating Capacity 208Vx3-60Hz	Electrical Heating Capacity 460Vx3-60Hz	Electrical Heating Capacity 480Vx3-60Hz	Electrical Heating Capacity 575Vx3-60Hz	Power Fans 240V-60Hz kW	Current Fans 240V-60Hz A	Noise Level (5 m) dB(A)	Weight kg
		kW	kW	kW	kW				
DAM M 1000 E 60Hz	1950	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	45
DAM M 1500 E 60Hz	2925	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	68
DAM M 2000 E 60Hz	3900	4/8/12	6,5/13/19,5	7/14/21	6,5/13/19,5	0,526	2,20	57	88
DAM M 2500 E 60Hz	4875	5/8/13	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,658	2,75	58	96
DAM M 3000 E 60Hz	5850	6,5/8/14,5	9,3/18,7/28	10,2/20,3/30,5	9,5/19/28,5	0,790	3,30	59	111
DAM G 1000 E 60Hz	2400	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,395	1,65	57	50
DAM G 1500 E 60Hz	3200	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	74
DAM G 2000 E 60Hz	4800	5/9/14	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,790	3,30	59	98
DAM G 2500 E 60Hz	5600	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	106
DAM G 3000 E 60Hz	6400	6,5/8/14,5	9,3/18,7/28	10,2/20,3/30,5	9,5/19/28,5	1,053	4,40	61	121
DAM ECG 1000 E 60Hz	2775	4/8/12	4/8/12	4,3/8,7/13	4/8/12	0,381	2,94	61	50
DAM ECG 1500 E 60Hz	3700	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	74
DAM ECG 2000 E 60Hz	5550	5/9/14	8,2/16,3/24,5	8,8/17,7/26,5	8/16/24	0,762	5,88	63	98
DAM ECG 2500 E 60Hz	6475	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	106
DAM ECG 3000 E 60Hz	7400	6,5/8/14,5	9,3/18,7/28	10,2/20,3/30,5	9,5/19/28,5	1,016	7,84	65	121



**Dimensions**



	L	A	B
DAM 1000	1000	920	-
DAM 1500	1500	1420	710
DAM 2000	2000	1920	960
DAM 2500	2500	2420	1210
DAM 3000	3000	2920	1460

**Dam Twin System**

The DAM TWIN system consists on two vertical DAM air curtains face to face, one with the air jet ahead and the other behind.

At the end of each jet there is the inlet of the other air curtain helping to close the air barrier.

This double jet works as a closed circuit creating a separation zone at the door entrance.

DAM TWIN system is an optimal solution for installations with very adverse conditions.

