



Characteristics

Maxwell is an air curtain for industrial doors that can be installed either horizontally or vertically. With its double air discharge jet with Coanda effect it achieves longer distances more efficiently.

Maxwell air curtains are designed to be easily coupled together in a modular manner and are effective on large doors in industrial buildings, loading bays, hangars or railway stations.



- High performance industrial air curtain for vertical or horizontal installations for large industrial doors. Available in 1.5, 2.0, 2.5, 3.0 and 3.5 meters length. Easy dockable modules to reach large dimensions.
- Heavy self-supporting casing construction made of galvanized steel plate, finished in structural epoxy-polyester painting white colour RAL9016 as standard. Other colours are available on request.
- Double outlet with Coanda effect to achieve larger and efficient air jet. Anodized aluminium outlet vanes, airfoil shaped, adjustable from 0 to 15° each side.
- High efficiency and low noise axial fans, driven with external rotor motor single phase 230V. Optionally three phase 400V. Maintenance free. EC models assembled with very low consumption efficiency fans.
- “P” type with water heated coil. “E” type with electrical shielded elements, three stages with integrated regulation. “A” type without heating, air only.
- Regulation not included. Optional: Basic regulation with Plug&play control panel, 10m RJ11cable and remote control. Advanced regulation with Clever (automatic, intelligent, energy saving, Modbus RTU for BMS, ...)

Specifications

50Hz

Unheated		
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)
MXW 1500 A 400Vx3	7000	4-6
MXW 1500 A 400Vx3 W/R	7000	4-6
MXW 2000 A 400Vx3 W/R	10500	4-6
MXW 2000 A 400Vx3	10500	4-6
MXW 2500 A 400Vx3 W/R	14000	4-6
MXW 2500 A 400Vx3	14000	4-6
MXW 3000 A 400Vx3	17500	4-6
MXW 3000 A 400Vx3 W/R	17500	4-6
MXW 3500 A 400Vx3	20800	4-6
MXW 3500 A 400Vx3 W/R	20800	4-6
MXW 1500 A W/R	7000	4-6
MXW 1500 A	7000	4-6
MXW 2000 A	10500	4-6
MXW 2000 A W/R	10500	4-6
MXW 2500 A W/R	14000	4-6
MXW 2500 A	14000	4-6
MXW 3000 A W/R	17500	4-6
MXW 3000 A	17500	4-6
MXW 3500 A W/R	20800	4-6
MXW 3500 A	20800	4-6
MXW EC 1500 A W/R	9200	6-8
MXW EC 2000 A W/R	13800	6-8
MXW EC 2500 A W/R	18400	6-8
MXW EC 3000 A W/R	23000	6-8
MXW EC 3500 A W/R	27600	6-8



Electrical Heating			
Model	Nominal Airflow (m³/h)	Electrical Heating Capacity 400Vx3 (kW)	Recommended Installation Range (m)
MXW 1500 E 400Vx3 W/R	8700	10/25/35	4-6
MXW 2000 E 400Vx3 W/R	13050	20/30/50	4-6
MXW 2500 E 400Vx3 W/R	17400	30/40/70	4-6
MXW 3000 E 400Vx3 W/R	21750	30/50/80	4-6
MXW 3500 E 400Vx3 W/R	26100	30/60/90	4-6
MXW 1500 E W/R	7000	10/25/35	4-6
MXW 2000 E W/R	10500	20/30/50	4-6
MXW 2500 E W/R	14000	30/40/70	4-6
MXW 3000 E W/R	17500	30/50/80	4-6
MXW 3500 E W/R	20800	30/60/90	4-6
MXW EC 1500 E W/R	9200	10/25/35	6-8
MXW EC 2000 E W/R	13800	20/30/50	6-8
MXW EC 2500 E W/R	18400	30/40/70	6-8
MXW EC 3000 E W/R	23000	30/50/80	6-8
MXW EC 3500 E W/R	27600	30/60/90	6-8

Water Heating				
Model	Nominal Airflow (m³/h)	Recommended Installation Range (m)	Heating Capacity 80/60°C (kW) (kW)	Heating Capacity 60/40°C (kW) (kW)
MXW 1500 P86 400Vx3 W/R	6800	4-6	41.39	-
MXW 1500 P86 400Vx3	6800	4-6	41.39	-
MXW 2000 P86 400Vx3	10200	4-6	61.25	-
MXW 2000 P86 400Vx3 W/R	10200	4-6	61.25	-
MXW 2500 P86 400Vx3	13600	4-6	80.05	-
MXW 2500 P86 400Vx3 W/R	13600	4-6	80.05	-
MXW 3000 P86 400Vx3 W/R	17000	4-6	99.88	-
MXW 3000 P86 400Vx3	17000	4-6	99.88	-
MXW 3500 P86 400Vx3 W/R	20300	4-6	118.28	-
MXW 3500 P86 400Vx3	20300	4-6	118.28	-
MXW 1500 P86	6800	4-6	35,69	-
MXW 1500 P86 W/R	6800	4-6	35,69	-
MXW 2000 P86	10200	4-6	56,29	-
MXW 2000 P86 W/R	10200	4-6	56,29	-
MXW 2500 P86 W/R	13600	4-6	76,97	-
MXW 2500 P86	13600	4-6	76,97	-
MXW 3000 P86	17000	4-6	97,77	-
MXW 3000 P86 W/R	17000	4-6	97,77	-
MXW 3500 P86	20300	4-6	118,28	-
MXW 3500 P86 W/R	20300	4-6	118,28	-
MXW EC 1500 P86 W/R	8600	6-8	47.72	-
MXW EC 2000 P86 W/R	12900	6-8	64.77	-
MXW EC 2500 P86 W/R	17200	6-8	87.02	-
MXW EC 3000 P86 W/R	21500	6-8	109.36	-
MXW EC 3500 P86 W/R	25800	6-8	131.42	-
MXW 1500 P64 400Vx3	6800	4-6	-	34.09



Model	Nominal Airflow (m³/h)	Water Heating		
		Recommended Installation Range (m)	Heating Capacity 80/60°C (kW) (kW)	Heating Capacity 60/40°C (kW) (kW)
MXW 1500 P64 400Vx3 W/R	6800	4-6	-	34.09
MXW 2000 P64 400Vx3	10200	4-6	-	50.16
MXW 2000 P64 400Vx3 W/R	10200	4-6	-	50.16
MXW 2500 P64 400Vx3 W/R	13600	4-6	-	66.19
MXW 2500 P64 400Vx3	13600	4-6	-	66.19
MXW 3000 P64 400Vx3	17000	4-6	-	92.28
MXW 3000 P64 400Vx3 W/R	17000	4-6	-	92.28
MXW 3500 P64 400Vx3	20300	4-6	-	97.92
MXW 3500 P64 400Vx3 W/R	20300	4-6	-	97.92
MXW 1500 P64	6800	4-6	-	34.09
MXW 1500 P64 W/R	6800	4-6	-	34,09
MXW 2000 P64 W/R	10200	4-6	-	50,16
MXW 2000 P64	10200	4-6	-	50,16
MXW 2500 P64 W/R	13600	4-6	-	66,19
MXW 2500 P64	13600	4-6	-	66,19
MXW 3000 P64 W/R	17000	4-6	-	92,28
MXW 3000 P64	17000	4-6	-	82,22
MXW 3500 P64	20300	4-6	-	97,92
MXW 3500 P64 W/R	20300	4-6	-	97,92
MXW EC 1500 P64 W/R	8600	6-8	-	39.6
MXW EC 2000 P64 W/R	12900	6-8	-	58.2
MXW EC 2500 P64 W/R	17200	6-8	-	75.36
MXW EC 3000 P64 W/R	21500	6-8	-	92.53
MXW EC 3500 P64 W/R	25800	6-8	-	110.14

60Hz

Model	Unheated	
	Nominal Airflow (m³/h)	Recommended Installation Range (m)
MXW L 1500 A 60Hz	-	4-6
MXW L 1500 A 60Hz W/R	8240	4-6
MXW L 2000 A 60Hz	-	4-6
MXW L 2000 A 60Hz W/R	12360	4-6
MXW L 2500 A 60Hz W/R	16480	4-6
MXW L 2500 A 60Hz	-	4-6
MXW L 3000 A 60Hz W/R	20600	4-6
MXW L 3000 A 60Hz	20600	4-6
MXW L 3500 A 60Hz	24720	4-6
MXW L 3500 A 60Hz W/R	24720	4-6
MXW EC 1500 A W/R	9200	6-8
MXW EC 2000 A W/R	13800	6-8
MXW EC 2500 A W/R	18400	6-8
MXW EC 3000 A W/R	23000	6-8
MXW EC 3500 A W/R	27600	6-8

