



## Design air curtains type SOLANO DESIGN

Air curtain with attractive design

### Application

- Used in offices and industrial buildings where a clean design is required. SOLANO DESIGN curtains are dedicated for horizontal installation directly above the door.

### Specifications

- 3-speed motor
  - Adjustable air stream
  - Crossflow fan
  - Vertical mounting
  - 4,0-meter range\*
  - Air inlet on the upper side
  - Controlled by thermostat with speed controller
  - Door switch operation
  - BMS connection possible
- \*Vertical range of isothermal stream (at velocity boundary equal to 2,0 m/s)

### Accessoires

- 3-step controller, type **S-C**
- Touch screen controller, type **S-TOUCH**

### Technical data

		Design W-100	Design N-100	Design E-100	Design W-150	Design N-150	Design E-150	Design W-200	Design N-200	Design E-200
Power supply	[V/ Hz]	230/50	230/50	3 x 400/50	230/50	230/50	3x400/50	230/50	230/50	3x400/50
Power consumption	[kW]	0.36	0.4	7.5	0.46	0.48	11.5	0.5	0.54	15.5
Current consumption	[A]	1.7	1.9	11	2.1	2.1	16.6	2.3	2.4	22.4
Heating capacity	[kW]	13.6	-	7	23	-	11	30.8	-	15
IP		21	21	21	21	21	21	21	21	21
Connection	["]	1/2"	-	-	1/2"	-	-	1/2"	-	-
Air flow	[m <sup>3</sup> / h]	2900	3300	2900	4300	5000	4300	5500	6300	5500
Sound level (1)	[dB (A)]	59	60	59	60	61	60	60	61	60
Max. heating water temp.	[°C]	95	-	-	95	-	-	95	-	-
Max. operating pressure	[MPa]	1.6	-	-	1.6	-	-	1.6	-	-
Air temperature rise (2)	(ΔT) [°C]	14	-	11	16	-	12	17	-	13
Weight	[kg]	25.8	24	28	32.9	30.7	34.9	39.2	36.3	41.9

(1) Conditions: distance to the unit 3 metres at 500 m<sup>3</sup> and medium room sound absorption, second Fan step

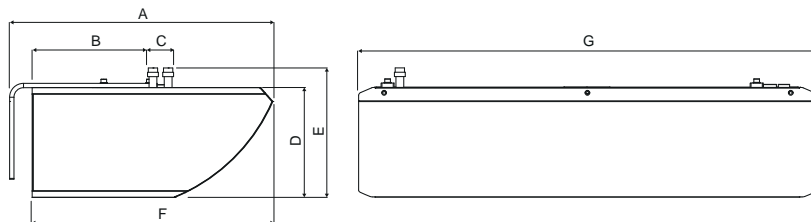
(2) Inlet/outlet water temperature 90/70°C and inlet air temperature 10°C

### Order example

**DESIGN W-100W** = curtain with water heater exchanger

N = curtain without heater exchanger (ambient)

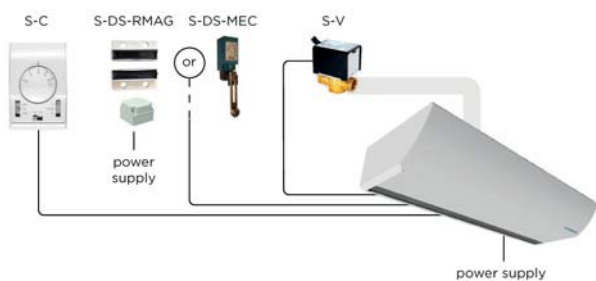
E = curtain with electric heaters



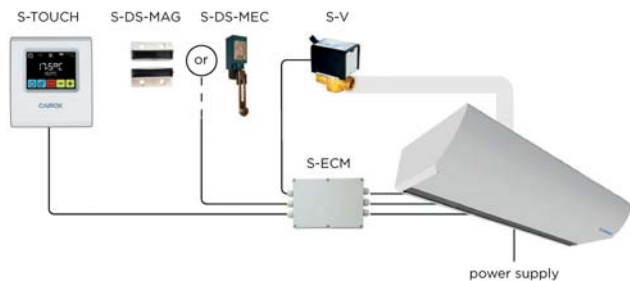
### Dimensions

	Design 100	Design 150	Design 200
A	605	605	605
B	280	280	280
C	70	70	70
D	255	255	255
E	300	300	300
F	555	555	555
G	1055	1545	2035

### S-C REGULATION



### S-TOUCH REGULATION



### Control

	SOLANO DESIGN
S-C	
S-TOUCH	(S-ECM needed)
S-ECM	
S-DS-MAG	(S-ECM needed)
S-DS-RMAG	
S-DS-MEC	
S-V-2-1/2	
S-V-3-1/2	
S-V-2-3/4	
S-V-3-3/4	
S-UB	
S-SPLIT	
S-FLEX-3/4	
S-FLEX-1/2	
PT-1000	(S-ECM needed)