CAIROX

SOLANO CEILING

— Electrical / Hot water / Without heater

Recessed air curtains type SOLANO CEILING

Ceiling curtains with less visual impact by discrete installation

Application

■ Representative rooms like stores, restaurants, showrooms, etc. SOLANO CEILING units are designed for installation in suspended ceilings. Their advantage is possibility of installation in existing ceiling without cutting additional holes.

Specifications

■ 3 lengths - 1, 1,5 and 2 meter
■ 3-speed motor
■ 4 meter range*
■ Adjustable air stream
■ Integrated in the ceiling
■ Cross flow fan
■ Controlled by thermostat with S-C or S-TOUCH
■ Door switch operation
■ Enhanced automation in standard
■ BMS ready
■ Various operation modes
■ Different operation modes MASTER-SLAVE connection
*Vertical range of isothermal stream (at velocity boundary equal to 2,0 m/s)

Accessoires

■ Touchscreen control, type **S-TOUCH**
■ Room thermostat for SOLANO, type **S-C**
■ Motorised hydraulic valve, **QCV-2** and **QCV-3**
■ Motorised hydraulic valve, **S-V-2** and **S-V-3**

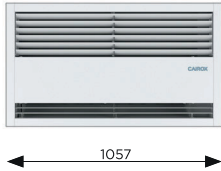| Technical data		Ceiling W-100	Ceiling N-100	Ceiling E-100	Ceiling W-150	Ceiling N-150	Ceiling E-150	Ceiling W-200	Ceiling N-200	Ceiling E-200
Power supply	[V/Hz]	230/50	230/50	3 x 400/50	230/50	230/50	3x400/50	230/50	230/50	3x400/50
Power consumption	[kW]	0.34	0.42	7.5	0.36	0.44	11.5	0.38	0.49	15.5
Current consumption	[A]	1.5	1.9	11	1.6	2	16.6	1.7	2.2	22.4
Heating capacity	[kW]	11.9	-	7	20.5	-	11	27.7	-	15
IP		21	21	21	21	21	21	21	21	21
Connection	["]	1/2"	-	-	1/2"	-	-	1/2"	-	-
Air flow	[m³/h]	2600	3500	2600	4000	4800	4000	5200	6600	5200
Sound level (1)	[dB(A)]	58	60	58	59	60	59	61	63	61
Max. heating water temp.	[°C]	95	-	-	95	-	-	95	-	-
Max. operating pressure	[MPa]	1.6	-	-	1.6	-	-	1.6	-	-
Air temperature rise (2)	(ΔT)[°C]	15	-	11	15	-	12	16	-	13
Weight	[kg]	32.3	31.7	34.5	41.2	38.9	42.4	50	47.2	53.2
Weight of unit filled with water	[kg]	33.1	-	-	42.4	-	-	51.6	-	-
Range (3)	[m]	5	5	5	5	5	5	5	5	5

(1) Acoustic pressure level measured for optimum installation height, on second step of efficiency, in the room with medium capability of sound absorption, capacity 500 m³, at distance of 3 m from the unit
(2) For CEILING-W at inlet/outlet water temperature 90/70°C and inlet air temperature 10°C / for CEILING-E at inlet air temperature 10°C
(3) Range of vertical isothermal air stream, at velocity limit above 2 m/s
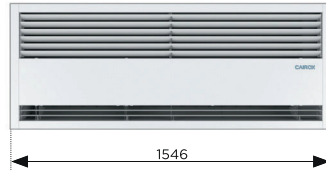
Order example
CEILING W-100
W = curtain with water heater exchanger
N = curtain without heater exchanger (ambient)
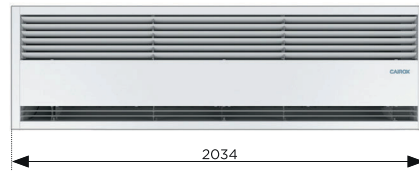E = curtain with electric heaters

CEILING N/W/E-100

CEILING N/W/E-150

CEILING N/W/E-200

600

1057

1546

2034

284

300 (1)

(1) Concerns SOLANO CEILING-W

S-TOUCH REGULATION

S-TOUCH   S-DS-MAG   S-DS-MEC   S-V

or

power supply