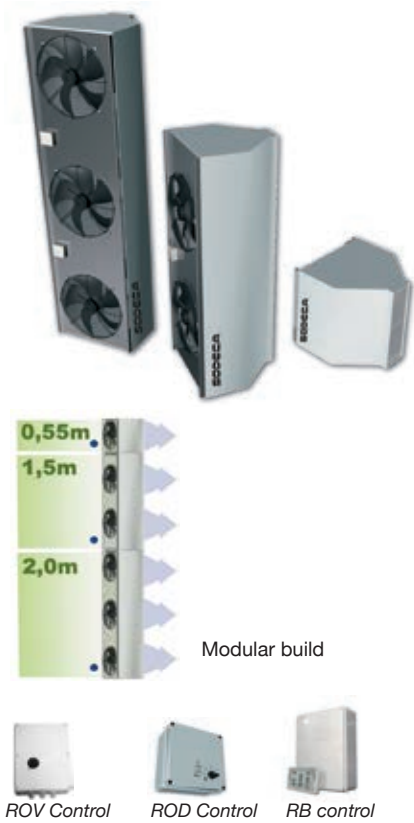


# INDUSTRIAL MODULAR

**Air curtains of modular construction for installing on industrial doorways up to 7m height and 11m wide, installing air curtains on both sides**

Robust construction with modular design, in for maximum curtain size adjustment to the door and optimising the amount of air required and electrical power consumption.



**Construction:**

- Galvanized steel structure painted with polyester RAL-9010
- Designed to be installed in vertical or horizontal position
- 0.55m 1 fan module
- 1.5m 2 fans module
- 2m 3 fans module
- E version: Electrically heated coil controlled by automatic thermostats and emergency thermostat with manual reset and electrical overload protection
- W version: Water coils designed for a maximum temperature of 130°C and maximum pressure of 1.6Mpa

**External control on request:**

- ROV: Basic 5-speed selector. No heating regulation.
- ROD: Basic 5-speed selector. Contact control from outside doorway available. No heating regulation.
- RB: Advanced 3-speed digital control selector. Compatible with electrical or water battery regulation.

**Brackets on request:**

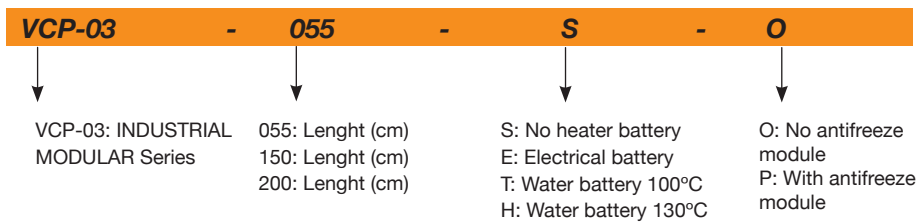
- VCP-DK-01 : Set of 2 supports for vertical assembly on the floor.
- VCP-DH-01 : Set of 2 supports for horizontal assembly on the ceiling. Ask for 1 set of supports for each module to be assembled + 1 additional set of supports.

**Version:**

- S: Environmental: Re-circulate air
- E: Electric: Incorporates electrical resistances
- T, H: Per water: Incorporates water batteries



**Order code**



**Applications**



## Technical characteristics

Model	Height door (m)	Maximum airflow (m³/h)	NPS 5m dB(A)	Heat* power (kW)	Battery voltage (V)	Battery consumption (l)	Fan voltage (V)**	Fan consumption (l)	Weight (Kg)
VCP-03-055-TO	6	2,650	72	12	-	-	3x400	0.6	37
VCP-03-055-TP	6	2,650	72	12	-	-	3x400	0.6	37
VCP-03-055-HO	6	2,650	72	14	-	-	3x400	0.6	37
VCP-03-055-HP	6	2,650	72	14	-	-	3x400	0.6	37
VCP-03-055-EO	6	3,250	70.2	6	3X400	9	3x400	0.6	29.5
VCP-03-055-SO	6	3,500	70.5	-	-	-	3x400	0.6	25
VCP-03-150-TO	6.5	5,250	70	23	-	-	3x400	1.3	99
VCP-03-150-TP	6.5	5,250	70	23	-	-	3x400	1.3	99
VCP-03-150-HO	6.5	5,250	70	27	-	-	3x400	1.3	99
VCP-03-150-HP	6.5	5,250	70	27	-	-	3x400	1.3	99
VCP-03-150-EO	6.5	6,350	68	12	3X400	18	3x400	1.3	79
VCP-03-150-SO	6.5	6,600	68	-	-	-	3x400	1.3	67
VCP-03-200-TO	7	8,100	69	34	-	-	3x400	2	133
VCP-03-200-TP	7	8,100	69	34	-	-	3x400	2	133
VCP-03-200-HO	7	8,100	69	41	-	-	3x400	2	133
VCP-03-200-HP	7	8,100	69	41	-	-	3x400	2	133
VCP-03-200-EO	7	10,000	67	18	3X400	27	3x400	2	106
VCP-03-200-SO	7	10,200	67	-	-	-	3x400	2	90

\* Heating power with water circuit 90/70°C and air intake at 18°C.

\*\* 3 wires + ground connection. External control accessories may require additional neutral cable.

## Electrical battery technical characteristics

Model	Maximum airflow (m³/h)	Heat power (kW)	Increase temperature (°C)*
VCP-03-055-EO	3,250	6	4.5
VCP-03-150-EO	6,350	12	4.9
VCP-03-200-EO	10,000	18	4.9

## Water battery technical characteristics with temperature gradient 80/60°C

Model	Maximum airflow (m³/h)	Thread connection	Heat power (kW)	Output temperature (°C)	Water level (l/s)	Loss of load (kPa)
VCP-03-055-T	2650	2 x ¾"	12	27	0.12	3.07
VCP-03-150-T	5250	2 x ¾"	23	27	0.22	5.17
VCP-03-200-T	8100	2 x ¾"	34	26	0.34	6.55

Air inlets to +15°C

## Water battery technical characteristics with temperature gradient 130/70°C

Model	Airflow ref. (m³/h)	Thread connection	Heat power (kW)	Output temperature (°C)	Water level (l/s)	Loss of load (kPa)
VCP-03-055-H	2650	2 x ¾"	14	33	0.06	0.75
VCP-03-150-H	5250	2 x ¾"	27	33	0.11	1.24
VCP-03-200-H	8100	2 x ¾"	41	33	0.16	1.59

Air inlets to +15°C

## Technical characteristics INDUSTRIAL MODULAR controls



Optional controls (control - battery)	ROV - S	ROD-S	RB-S	RB-E	RB-T,H
Control type	Manual	Manual	Manual	Manual	Manual
Speeds	5	5	3	3	3
Electrical battery regulation in the control	NO	NO	NO	2 levels	NO
Electrical battery cooling control	NO (*1)	NO (*1)	NO (*1)	NO (*1)	ON/OFF(*2)
Contact door	NO	DS Accessory	DK-1 Accessory	DK-1 Accessory	DK-1 Accessory
External control contact	NO	Contact door	Contact free voltage	Contact free voltage	Contact free voltage
Electrical battery cooling control	NO	NO	NO	YES	NO
Anti-frost control	NO	NO	YES	YES	YES
Visual operating indicator	NO	ON/OFF only	YES	YES	YES
Module interconnection	NO	NO	Up to 6 modules (*3)	Up to 6 modules (*3)	Up to 6 modules (*3)
Connection from curtain to control	Power cable (400V)		Power cable (400V)	Power cable (400V)	Power cable (400V)
Cable from selector to control	-	-	10 m cable included. Up to 40 m optional (Acc. KABEL)		
Max. n° of ventilators (*4)	10	14	6 ventilators for each RB control cabinet		

(\*1) A TV1-1/1 thermostatic valve separate from the selector may be used

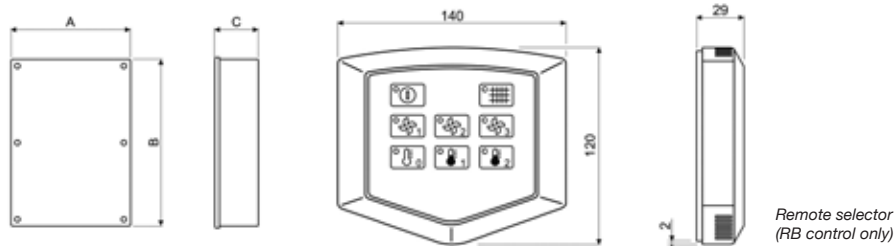
(\*2) Requires a ZV-3 3-way valve

(\*3) Requires more than one RB module and a KABEL connection cable between modules.

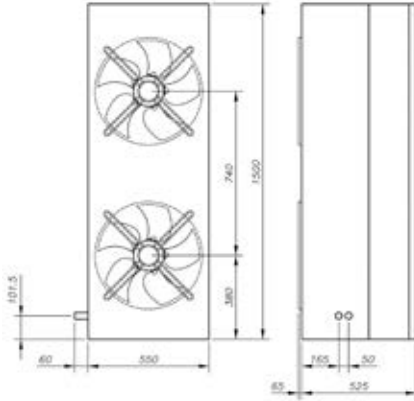
(\*4) There are several sizes for each control. The maximum number of supported ventilators for each type of control.

Model	Power supply	IP protection	Max. current (A)	Dimensions in mm AxBxC	Weight (Kg)
ROV-D2	3x400 + neutral	40	2	240x310x110	12
ROV-D4	3x400 + neutral	40	4	240x310x110	12
ROV-D7	3x400 + neutral	40	7	300x380x180	16
ROD-B2	3x400 + neutral	40	2	185x305x175	12
ROD-B4	3x400 + neutral	40	4	185x305x175	12
ROD-B7	3x400 + neutral	40	7	305x375x175	16
ROD-B9	3x400 + neutral	40	9	305x490x175	22
RB3-4A	3x400 + neutral	55 (*)	4	240x310x110	11.8

(\*) The remote selector is IP20

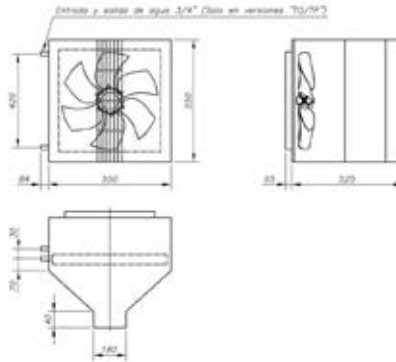


## Dimensions in mm



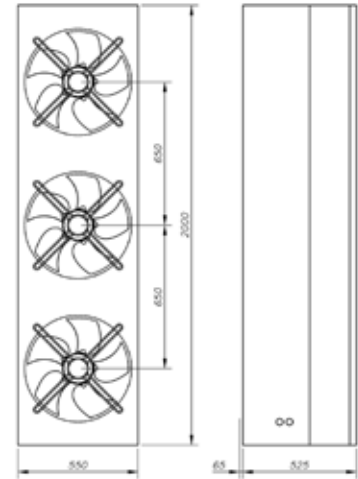
### Model

VCP-03-150-TO  
 VCP-03-150-TP  
 VCP-03-150-HO  
 VCP-03-150-HP  
 VCP-03-150-EO  
 VCP-03-150-SO



### Model

VCP-03-055-TO  
 VCP-03-055-TP  
 VCP-03-055-HO  
 VCP-03-055-TP  
 VCP-03-055-EO  
 VCP-03-055-SO



### Model

VCP-03-200-TO  
 VCP-03-200-TP  
 VCP-03-200-HO  
 VCP-03-200-TP  
 VCP-03-200-EO  
 VCP-03-200-SO



Horizontal assembly



Vertical assembly

## Accessories



VCP-DK-01 VCP-DH-01 DS DK-1 TV1-1/1 ZV-3 MV-3 TER-P KABEL ROV Control ROD Control RB control