



# REZNOR

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## ACV Series

Energy Saving Air Curtains

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 **NORTEK**<sup>™</sup>  
GLOBAL HVAC





# ACV Series

## Commercial / Retail Vertical Air Curtains

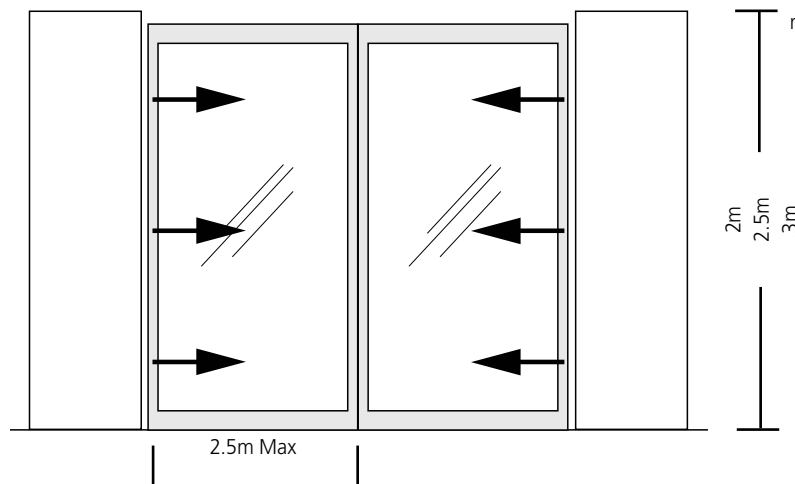
The ACV Series is intended for exclusive shop entrances and other environments with high demands in respect of design and sound level.

Designed for applications where space above the door is limited

### Model Range

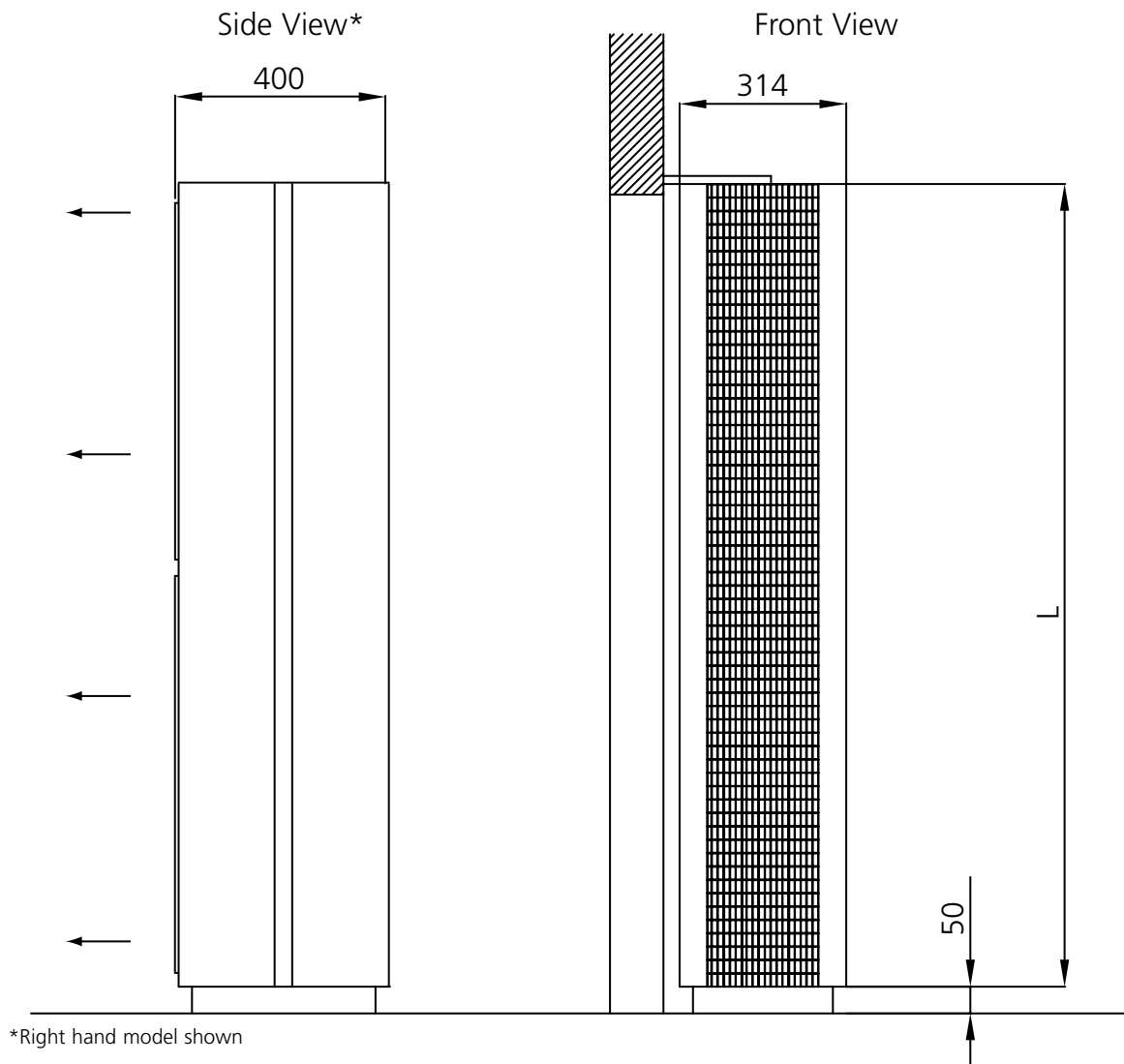
Available with heating capacities of 18 - 30kW electrical heat and 24 - 35kW of water heat, for maximum door heights of 2000mm, 2500mm and 3000mm.

Vertical left and vertical right models to be specified at time of ordering. Horizontal mounting available on request.



## Features & Benefits

- > Prevents heated or conditioned air escaping through open doors
- > Electrical and LPHW connections can be mounted from above or below
- > Available in polished, mirror-polished or brushed stainless steel. Colour intake and outlet grille; black RAL 9005
- > The air curtain is mounted vertically as close as possible to the door. For the best effect air curtains should be placed on both sides of the opening
- > The air curtain is installed on adjustable feet which makes it possible to compensate for any surface undulations



## TECHNICAL DATA - Electric

Model	Heat Input kW	Airflow (m <sup>3</sup> /h)	Δt <sup>*1</sup>	Sound Level <sup>*2</sup> (dB(A))	Voltage Motor (V)	Amperage Motor (A)	Amperage heat (A)	Height / Length (mm)	Weight (kg)
ACV2000SE	16.2	1980/3800	28/14	47/64	230V~	4.3	415V/23.4	2000	95
ACV2500SE	19.8	2340/4500	23/12	48/65	230V~	5.1	415V/28.6	2500	110
ACV3000SE	23.4	2660/5100	34/18	48/65	230V~	5.8	415V/33.8	3000	126

\*1) Δt = temperature rise of passing air at maximum heat output and lowest / highest airflow

\*2) Conditions: Distance to the unit: 5 meters. Directional factor: 2. Equivalent absorption area: 200m<sup>2</sup>

\*3) ACV3000 is available in special design with output steps 0/12/18kW

## TECHNICAL DATA - LPHW

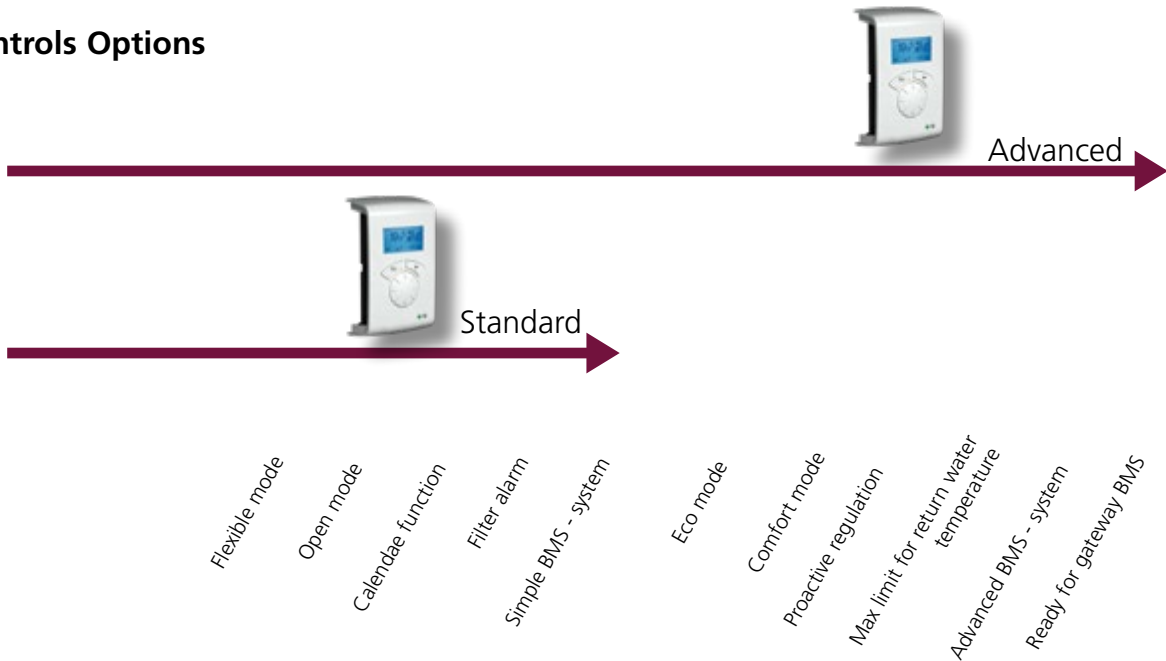
Model	Heat Input kW*	Airflow (m <sup>3</sup> /h)	Δt <sup>*1,2</sup>	Water Volume (l)	Sound Level <sup>*3</sup> (dB(A))	Voltage Motor (V)	Amperage Motor (A)	Height / Length (mm)	Weight (kg)
ACV2000SW	23.5	1980/3800	25/19	2.5	47/64	230V~	4.3	2000	95
ACV2500SW	29.3	2340/4500	25/23	3.3	48/65	230V~	5.0	2500	110
ACV3000SW	34.6	2660/5100	23/17	3.9	48/65	230V~	5.7	3000	126

\*1) Applicable at water temperature 80/60°C, air temperature in +15°C, 60/40°C available on request.

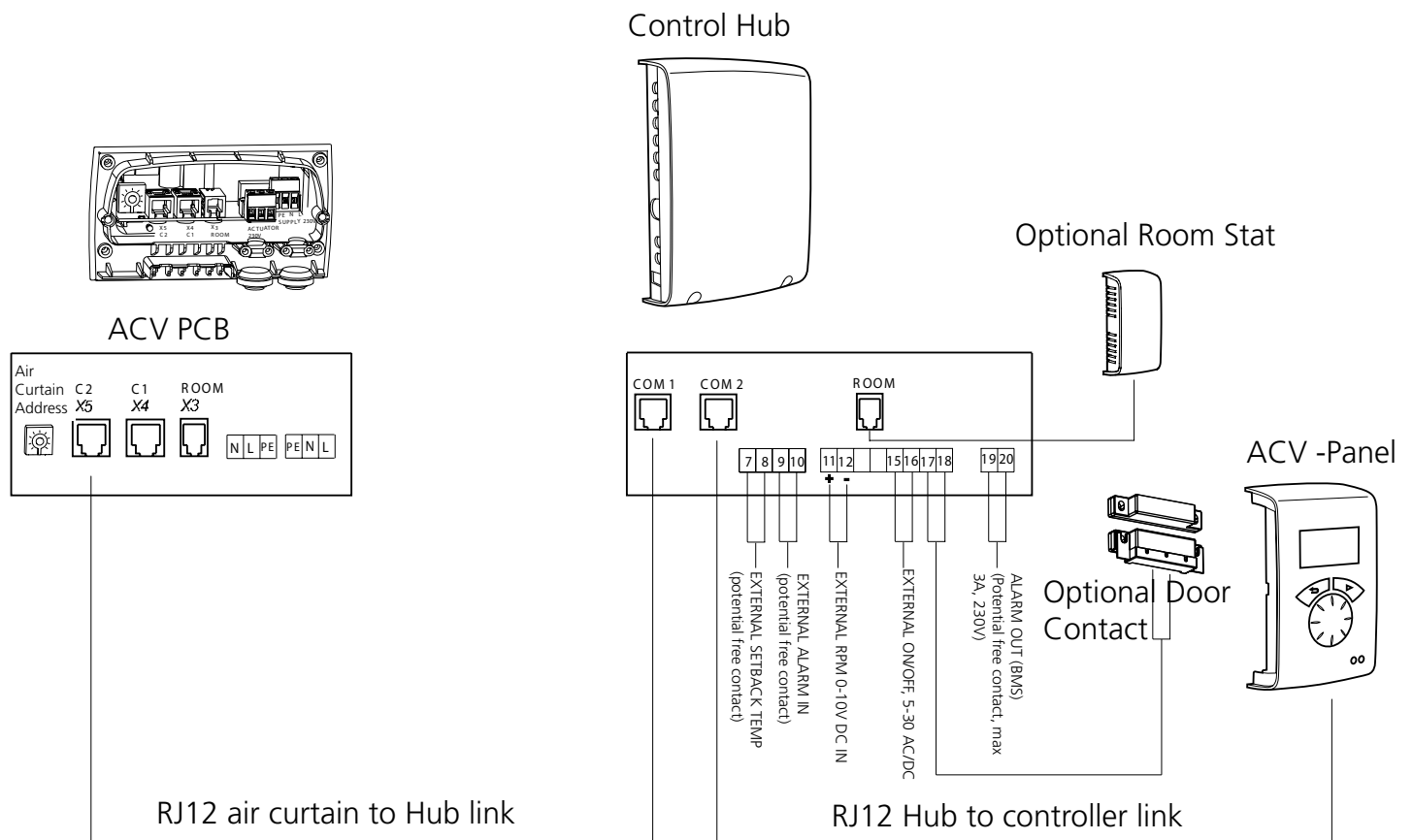
\*2) Δt = temperature rise of passing air at maximum heat output and lowest / highest airflow

\*3) Conditions: Distance to the unit: 5 meters. Directional factor: 2. Equivalent absorption area: 200m<sup>2</sup>

# Controls Options



## Interconnecting wiring diagram



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