

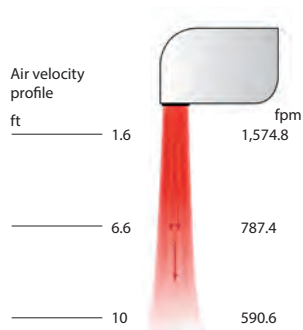


# ESSENSSE NEO

## LOW PROFILE AIR CURTAIN FOR MULTI-PURPOSE INSTALLATIONS

Designed for **compact entrances**, it provides an effective **barrier** against outdoor air while **maintaining indoor comfort**. Its energy-efficient operation helps **reduce heating and cooling costs**, making it ideal for small **retail spaces, like offices, restaurants or shops**.

### AIRFLOW PROFILE



### TECHNICAL PARAMETERS



Recommended installation height up to **10 ft**



Airflow from **1,030 to 2,825 CFM**



**Electric** version or **Ambient** without heating

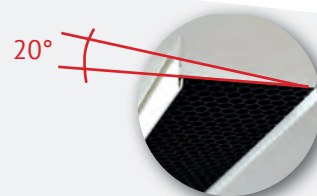
### SMART FEATURES



**STRAW-SYSTEM TECHNOLOGY**  
Efficient screening with excellent airflow reach



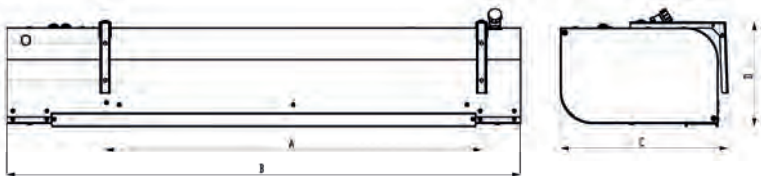
**AirGENIO control system**  
integral part of the air curtain



**ADJUSTABLE EXHAUST**  
Up to 20°, improves screening efficiency where needed

# 2VV COMMERCIAL AIR CURTAINS

## VERSATILE CLIMATE CONTROL FOR ANY DOORWAY



TYPE	A	B	C	D
	inch			
VCES4B100	36.06	49.29	16.02	9.92
VCES4B150	52.16	65.35	16.02	9.92
VCES4B200	71.85	85.03	16.02	9.92
VCES4B250	87.99	101.18	16.02	9.92

TYPE	Length	Max Airflow	Heat output	Total Voltage / Current	Delta T	Weight	Sound power
	in	CFM	kW	V / A	°F	lbs	dB (A)
VCES4B100-N2	36.1	1,097	2.6	208V 3~ / 13.5	39	51.1	79
VCES4B150-N2	52.2	1,679	8.0	208V 3~ / 23.8	48	65.3	77
VCES4B200-N2	71.9	2,345	8.0	208V 3~ / 24.4	43	76.0	82
VCES4B250-N2	88.0	2,852	10.2	208V 3~ / 30.4	43	91.5	81
VCES4B100-NA	36.1	1,097	-	208V - 230V 1~ / 2.8	-	47.2	79
VCES4B150-NA	52.2	1,679	-	208V - 230V 1~ / 3.0	-	61.3	77
VCES4B200-NA	71.9	2,345	-	208V - 230V 1~ / 3.4	-	72.0	82
VCES4B250-NA	88.0	2,852	-	208V - 230V 1~ / 3.5	-	85.3	81

### AirGENIO PRIME

**Advanced**, yet **user-friendly** solution designed to optimize climate separation with cutting-edge technology. AirGENIO PRIME provides a **smart, reliable, and energy-efficient approach** to air curtain control, enhancing both **performance and convenience**.

- ▶ COMPLEXITY IN DESIGN
- ▶ SIMPLICITY IN OPERATION
- ▶ AirGENIO PRIME APPLICATION



EC FAN CONTROL



BMS CONNECTION



AUTO/MANUAL  
MODE



ELECTRIC HEATER  
CONTROL (PWM)



DOOR CONTACT



TIMER

### PROVEN PERFORMANCE

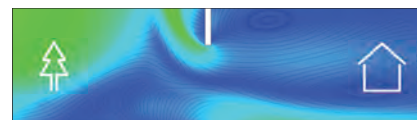
**AMCA-certified** and **ETL-listed**, our air curtains ensure proven performance and safety, while our **USGBC membership** reflects our commitment to energy-efficient, sustainable solutions. We maintain rigorous ongoing certification compliance and transparency, continuously validating performance against industry standards.



### PERFORMANCE by DESIGN

Reliable performance stems from trusted European engineering, **in-house testing**, precision production, and **CFD-driven development** for silent, efficient, **quality-focused solutions**.

Doorway  
**WITHOUT**  
Air Curtain



Doorway  
**WITH**  
Air Curtain

