

# EC22

## AIR CURTAIN FOR SMALL ENTRANCES



### EFFICIENT SOLUTION FOR SMALL ENTRANCES

Equipped with an energy-efficient EC motor and smart control, the EC22 air curtain is ideal for small entrances, vestibules, and commercial spaces. With its optimized airflow and optional electric heating, it ensures effective climate separation while reducing operating costs.

- **ENERGY-SAVING THERMAL BARRIER**
- **SLEEK, CLEAN DESIGN**
- **CAN/CSA AND UL CERTIFIED**
- **HIGH-EFFICIENCY EC MOTOR**
- **AMCA LAB-TESTED (SOUND & PERFORMANCE)**

#### COLOURS

- **standard** : stainless steel housing, white (RAL 9016, NCS S 0500-N).
- grille, rear face and ends grey: (RAL 7046)
- other colors available on special order (not part of the Orora program)

#### MODEL

- electric heat
- no heat

#### MANUFACTURING

- quick access to internal components via the maintenance hatch
- high-limit temperature control with automatic reset
- integrated transformer for motor and control circuit (480V and 600V models)

#### VOLTAGE

- 208V, 480V, 600V, 60 Hz

#### MOTOR

- very low operating costs can be achieved thanks to the combination of EC motors and Frico's unique fan geometry

#### FAN

- squirrel-cage fans

#### ELEMENT

- element provides instant heat (electric heat model)

#### CONTROL

- integrated control system and additional easy to use remote control
- door switch included

#### INSTALLATION

- maximum height installation: 7.2 ft. (2.2 m) above the floor
- suspended mounting:
  - with pendulum brackets included: 4 brackets for 1m and 1.5m models and 6 brackets for 2m models
  - with threaded rods (not included)

*Note: The recommended installation height may vary according to the installation conditions. Air curtains must be placed as near to the entrance as possible and cover the entire width.*

#### CERTIFICATION

- CAN/CSA-E60335-2-30:13 (R2018)
- UL 2021 Ed. 4.0
- protection class for units with electrical heating: IP20
- protection class for units without heating: IP21

#### WARRANTY

- 5-year warranty against defects

#### IDEAL FOR:

small entrances, vestibule, commercial building, lobby, service door, hospital, store entrance, drive-through, service counters

# TECHNICAL SPECIFICATIONS

PRODUCT	VOLTAGE	kW	INPUT POWER MOTOR	AMP.	CFM	dBA*	EFFECTIVE AIR WIDTH		WEIGHT	
CODE	VOLTS (1PH)	Lo/Hi	HP	-	-	-	IN.	MM	LB	KG
<b>SURFACE-MOUNTED   ELECTRIC HEAT (IP20)</b>										
PAEC2210CE05-600VNA	600 (3)	3.3/5	1/8	5.4	765	70	30.5	777.24	42.1	19.1
PAEC2215CE08-600VNA	600 (3)	4/8	1/8	8.6	1265	72	50.7	1287.78	61.9	28.1
PAEC2220CE10-600VNA	600 (3)	5/10	1/8	10.6	1471	73	67.4	1711.96	79.6	36.1
PAEC2210CE05-480VNA	480 (3)	3.3/5	1/8	6.6	765	70	30.5	777.24	41.4	18.8
PAEC2215CE08-480VNA	480 (3)	4/8	1/8	10.5	1265	72	50.7	1287.78	61.3	27.8
PAEC2220CE10-480VNA	480 (3)	5/10	1/8	13	1471	73	67.4	1711.96	78.9	35.8
PAEC2210CE04-208VNA	208 (3)	2.7/4.1	1/8	11.9	765	70	30.5	777.24	37.5	17.0
PAEC2215CE07-208VNA	208 (3)	3.2/6.5	1/8	18.9	1265	72	50.7	1287.78	57.3	26.0
PAEC2220CE08-208VNA	208 (3)	4.1/8.1	1/8	23.5	1471	73	67.4	1711.96	75	34.0
<b>SURFACE-MOUNTED   NO HEAT (IP21)</b>										
PAEC2210CA-NA	208 (1)	-	-	0.6	765	70	30.5	777.24	35.3	16.0
PAEC2215CA-NA	208 (1)	-	-	0.9	1265	72	50.7	1287.78	52.9	24.0
PAEC2220CA-NA	208 (1)	-	-	1.0	1471	73	67.4	1711.96	70.5	32.0

To order any custom colors from the R.A.L. chart, add "SP" at the end of the Product # and specify RAL color # on the order.  
 When ordering a different color, inquire about delivery times and prices.  
 Contact our customer service department for lead times.

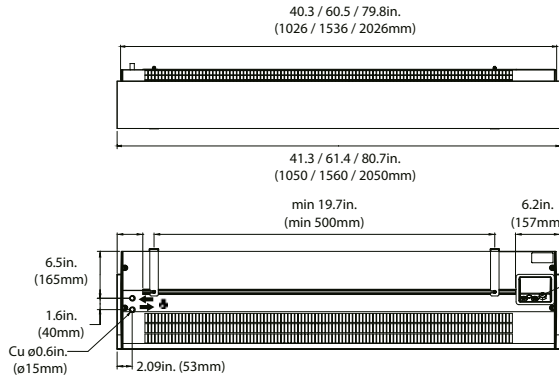
\*Sound pressure (dBA) Conditions: Distance to the unit 5 m. Directional factor: 2. Equivalent absorption area: 200 m<sup>2</sup>. At highest air flow.

# ACCESSORIES

PRODUCT	DESCRIPTION	QUANTITY INCLUDED	LENGTH	
			IN.	MM
PA3PF15	Ceiling mounting brackets for 1 and 1.5 m units	4	8.25	210
PA3PF20	Ceiling mounting brackets for 2 m units	6	8.25	210
PA2P15	Hanging brackets for 1 and 1.5 m units	2	39	1000
PA2P20	Hanging brackets for 2 m units	3	39	1000

# TECHNICAL DRAWINGS

**All models**



**78.7in. (2m) units**

