AIRIUS

RETAIL

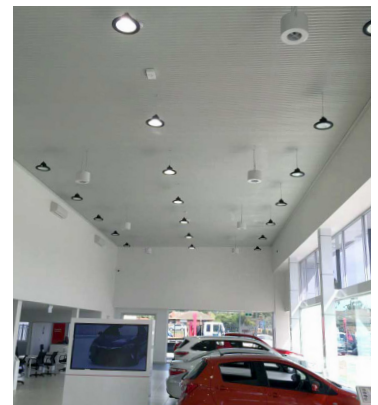## Improve comfort in your facility with a system of Retail Series fans

DISTRIBUTED COMFORT

Specifically designed for retail stores, Airius' Retail Series Narrow Aisle fans provide an elongated airflow pattern to maximize spread down the length of an aisle. Also configurable, the standard nozzle is for areas that do not require an elongated pattern.
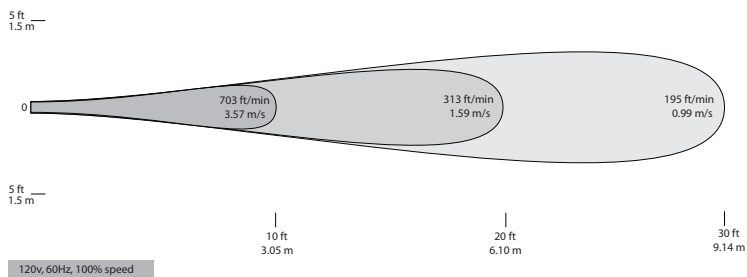
WHERE WE HELP

› Retail spaces with aisles
› Near exterior doors, checkout areas, or in cold case aisles
› Areas where other fans will not physically fit

Features

› Premium electrically commutated motor by ebm-papst®
› Narrow Aisle or Standard Nozzle versions
› Easy installation in new construction or retrofits
› 3-year parts and workmanship warranty
› ETL Listed in U.S. and Canada
› 5VA Flame resistance rating

› Made in the U.S.A.

Optional

› Manual wall mounted control
› Wi-Fi App based Pearlink control
› BACnet MS/TP card for integration with existing front end control systems
› Optional intake grille

5 ft
1.5 m

0

703 ft/min
3.57 m/s

313 ft/min
1.59 m/s

195 ft/min
0.99 m/s

5 ft
1.5 m

10 ft
3.05 m

20 ft
6.10 m

30 ft
9.14 m

120v, 60Hz, 100% speed

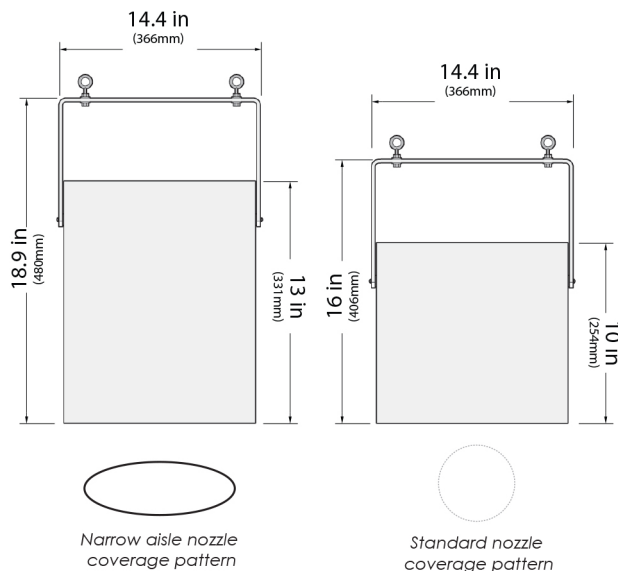**Housing:** PC/ABS, UL 94 5VA flame resistance.

Motor: 230mm, electrically commutated, thermally-protected axial motor by ebm-papst®. Operating temperature: -22°F (-30°C) to 122°F (50°C). No lubrication required, bearings are sealed.

Power Cord: 6 foot cord and plug provided for 100-130V fans, no plug for 200-250V.

Control Input: 0-10VDC.

Certi ication: Conforms to UL-507, CAN/CSA-C22.2 No. 1113. ETL listed in USA and Canada.

Warranty: 3 years parts and workmanship.

14.4 in
(366mm)

18.9 in
(480mm)

13 in
(331mm)

14.4 in
(366mm)

16 in
(406mm)

10 in
(254mm)

*Narrow aisle nozzle
coverage pattern*

*Standard nozzle
coverage pattern*

Technical Specifications

Model	Input Power, 1 Ø	Amps	Watts	RPM	dB(A)[1]	Weight	Colors ○ ● ●
R-20-EC-STD-100-130-X-CON	100-130VAC, 60Hz	0.53	35	1580	44, 41, 38	6 lbs.	X = Off white (W) , gray (G) or black (B)
R-20-EC-STD-200-250-X-CON	200-250VAC, 60Hz	0.35	32	1700	44, 41, 38	6 lbs.	X = Off white (W) , gray (G) or black (B)
R-20-EC-NA-100-130-X-CON	100-130VAC, 60Hz	0.53	35	1580	44, 41, 38	6 lbs.	X = Off white (W) , gray (G) or black (B)
R-20-EC-NA-200-250-X-CON	200-250VAC, 60Hz	0.35	32	1700	44, 41, 38	6 lbs.	X = Off white (W) , gray (G) or black (B)

(1) Calculated sound pressure at 10, 15 and 20 foot distances based on non-reflective area. 65 dB(A) Sound Power Level, designed to meet ISO 3744 - engineering grade precision for determining sound power. Data inde-pendently verified by third party. Tests performed in-unit.

Controls & Factory Installed Options

Item	Description
Pearlink-F	Pearlink Fan Sensor- One Per Fan. Wi-Fi iOS/Android App based controller
Pearlink-T	Pearlink wired (120v) Floor Thermostat- One Per Room
POT-1	Wall-mounted speed control. Low voltage control wiring daisy-chained between fans to be controlled as a group.
AiriusBAC24	BACnet MS/TP card for integration with an existing BACnet system. Individually control speed, on/off and monitor fan status.
GUARD25	Intake grille: Phosphated steel coated in black plastic. Recommended for installations where occupants can reach fans.

Model:		Qty:	
Controls/Options:		Qty:	