AIRIUS ®
saving you energy

DIMENSIONS

(Free hanging units can be angled up to 90° off vertical)

325mm
(13 in)

444mm
(18 in)

311mm
(12 in)

SHORT

PROPERTIES

UNIT SIZE	Short
Weight:	3.2 kgs (7 lbs)
Height to Rim:	311 mm (12 in)
Total Height:	444 mm (18 in)
Diameter:	325 mm (13 in)

MOTOR	230V
Watts* @ 50 htz:	15
RPM* @ 50 htz:	1,230
CFM* @ 50 htz (m3/hr):	406 (690)
AMPS* @ 50 htz:	0.06

*Motor data provided by motor manufacturer and is subject to change at anytime

STANDARD SERIES RANGE
- MODEL 15 SHORT

COVERAGE

• Ceiling Height = 4.5m - 6m (15 - 19.5 ft)
• Nozzle Height = 3.5m - 5m (11.5 - 16.5 ft)
• Diameter = 9m - 11m (29.5 - 36 ft)
• Floor area = 60m² - 90m² (645 - 969 ft²)

MOTOR

• Single phase, shaded pole, single speed (variable with optional speed control), axial motor
• Sealed bearings, no lubrication required

OPERATING TEMPERATURES

• Operating Temp = -20°C (-4°F) to 70°C (158°F)
• Thermal shut off = 110°C (230°F)
• Reset = 90°C (195°F)

HOUSING

• PC/ABS Resin - Inc. internal fixed blade stator
• 5VA flame resistance rating
• 1.8m (6') steel safety leash cable (fastened to housing)

NOISE LEVEL

• Floor Level = 0 - 21 dB(A)

INGRESS PROTECTION

• IP55 Rated

COLOUR

• Cool gray 2C - Off white as standard
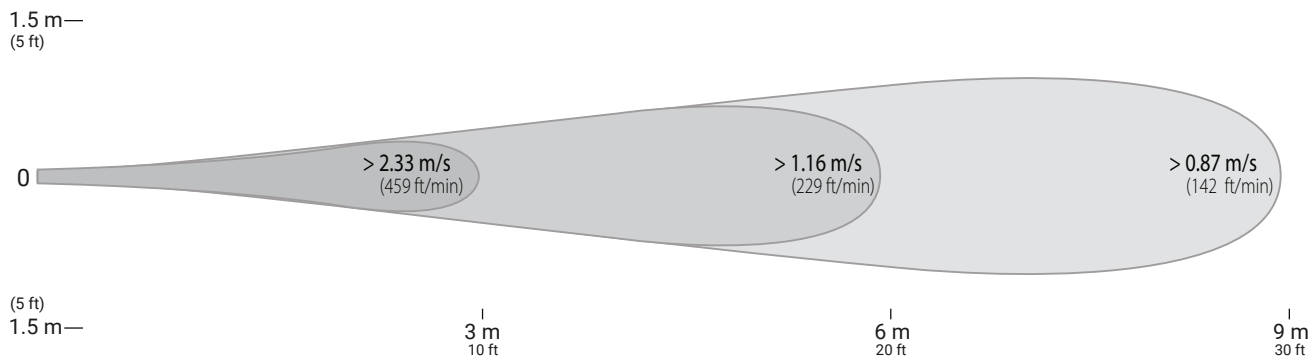• Can be tailor painted to your colour specifications

ACCESSORIES & OPTIONS

• Suspended Series kit - Allows model 15 Airius unit to be mounted in a suspended ceiling grid
• Speed Controls - On/off speed controls allow for variable output from Airius unit. 1 AMP and 5 AMP controls available

WARRANTY

• 5 years parts and workmanship from shipping date
• 120 day money back guarantee (T's & C's apply)

CE ETL PC/ABS

Airius Model 15
Product Information Sheet

15S-230V

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STANDARD
s e r i e s

PROPERTIES

VELOCITY PROFILE

1.5 m—
(5 ft)

0

> 2.33 m/s
(459 ft/min)

> 1.16 m/s
(229 ft/min)

> 0.87 m/s
(142 ft/min)

(5 ft)
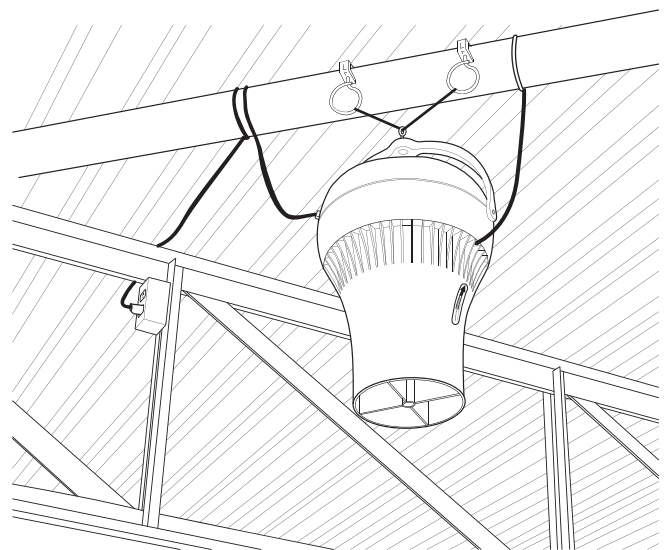1.5 m—

3 m
10 ft

6 m
20 ft

9 m
30 ft

PLACEMENT

PREPARATION

- Install electrical circuit(s) and outlet(s) in accordance with national and local electric codes
- Outlets should generally be mounted vertically unless a "twist/locking" type is being used
- Wall switch may be installed in circuit to disable power and prevent electrical hazards when servicing
- Confirm electrical continuity of Airius unit on the ground before permanently mounting in the ceiling

INSTALLATION

- Hang vertically as high in the ceiling as possible Typically 300mm (12") - 450mm (18") from the roof deck to intake
- The Airius unit performs best when air column from the nozzle is unimpeded to the floor
- Use professionally installed hardware, capable of supporting a minimum of five times the weight
- Hardware to hang the unit includes but is not restricted to: Hooks, chains, cables, carabiners, bridle rings, beam clamps and bolts
- Density of the placement is directly related to the effectiveness, performance and savings
- Mount out of reach from people and animals
- Floor plans, mezzanines, office locations, machinery, people placement, plumbing, lighting, duct work, electrical systems, natural light/air systems, cranes, doors, windows, ventilation and fire suppression systems are all factors in properly locating the Airius system within the ceiling

OPERATION

- Designed to operate 24 hours-a-day, 7 days-a-week to maintain thermal equalization/humidity equalization
- Use optional speed control to fine tune RPM if needed

MAINTENANCE

- Frequency of cleaning will vary by application and environment
- You may clean the plastic housing with a damp warm cloth, using mild household detergents
- Do not use petroleum products, thinners or solvents to clean any part of the Airius unit
- If the Airius unit fails, contact manufacturer