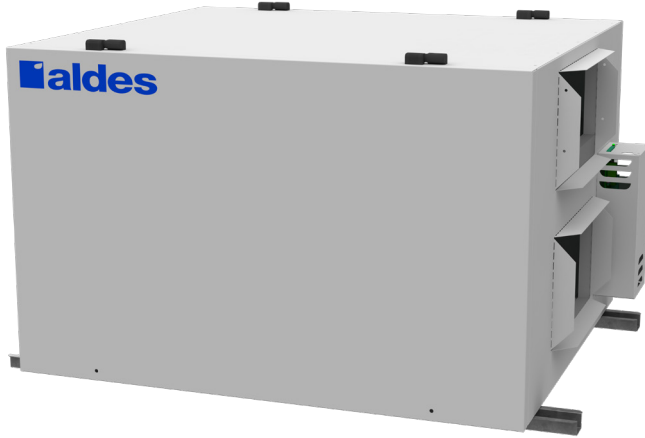




LIGHT COMMERCIAL
H1100-Fi-P
Heat Recovery Ventilator
200-1425 CFM Range

PRODUCT
SPECIFICATIONS
& TECHNICAL
DATA



H1100-Fi-P

The H1100-Fi-P heat recovery ventilator provides high-efficiency heat recovery for indoor pool applications. The unit uses a robust, water-washable polypropylene core that can withstand the air-quality challenges of a pool environment. Producing approximately **1340 CFM** at 0.20 in.w.g (ESP), the H1100-Fi-P powerfully removes excess humidity and keeps pool users comfortable. The stainless steel interior resists corrosion.

Defrost modes are automatically included with the H1100-Fi-P, making it ideal for cold-weather applications. The unit shuts down the fan for the outdoor air supply during defrost cycles.

FEATURES

- Plate-type polypropylene cores
- Quiet operation
- Stainless steel interior and totally enclosed motors
- Efficient and economical operation
- Indoor pool application

CASING

Material: Painted galvanized steel
Stainless steel interior

Insulation: 1" R4 rated

Drain Connection: \varnothing 1/2" (\varnothing 13 mm)

Duct Connections: 20" x 8" (508 mm x 203 mm)

Width: 36-1/4" (921 mm)

Height: 23-7/8" (606 mm)

Depth: 47-1/4" (1200 mm)

Unit Weight: 199 lbs (90 kg)

Shipping Weight: 254 lbs (115 kg)

PLATE EXCHANGER

Standard: Polypropylene (sensible heat transfer)

Quantity: 3

Pitch: 0.16" (4 mm)

Dimensions: 12" x 12" x 15" (305 mm x 305 mm x 381 mm)



MOUNTING

Supplied with base rails. Support rod by others.

BLOWERS

Quantity: 4

Type: Backward-inclined motorized impeller, direct-drive PSC, variable speed, external rotor

FILTERS

Number: 6

Type: Aluminum (P/N: 683951)

ELECTRICAL REQUIREMENTS

120 VAC, 60 Hz, 10.5 A

FROST CONTROL

- Cycles controlled by a temperature sensor when outdoor temperatures fall below 23°F (-5°C).
- By Exhaust Defrost

CONTROLS

24 VAC, 10 VA output for supply and exhaust dampers

Low-voltage dry contact (24 VAC, 20 VA) for:

- Occupancy Control (start/stop)
- Fan Interlock (NO and NC)
- Speed Selection

Compatible With:

- Digital Multifunction Control (P/N: 611242FC)
- Mode Control (exhaust defrost) (P/N: 611230)
- Humidity Control (P/N: 611224)
- Speed Control (Low/Intermittent/High) (P/N: 611229)
- 20/40/60 Minute Timer (P/N: 611228)

APPROVALS

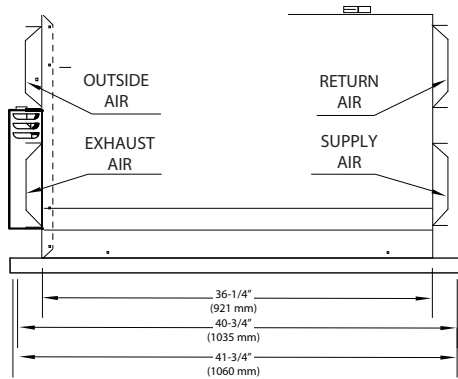
Meets Standards:

- UL 1812 and C22.2 no113

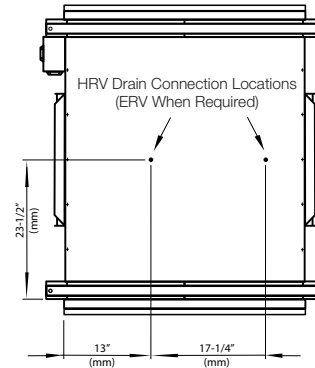
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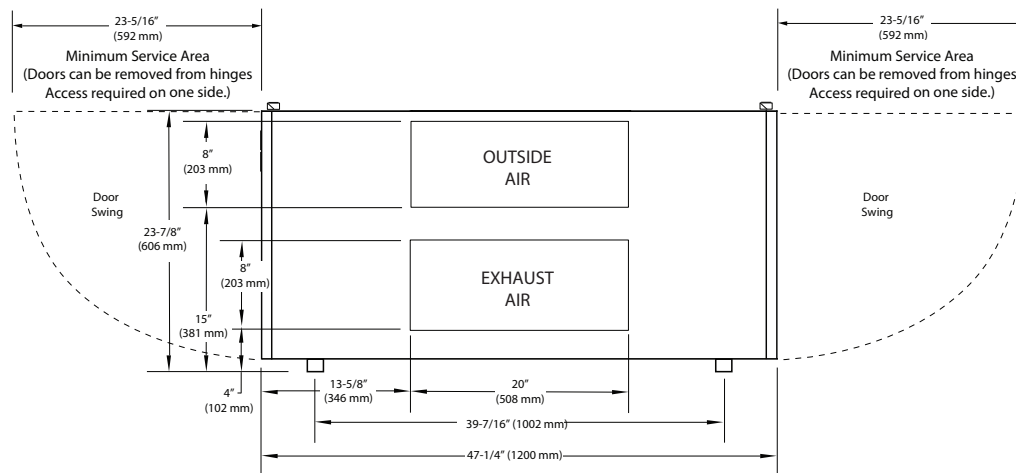
Dimensions



FRONT VIEW

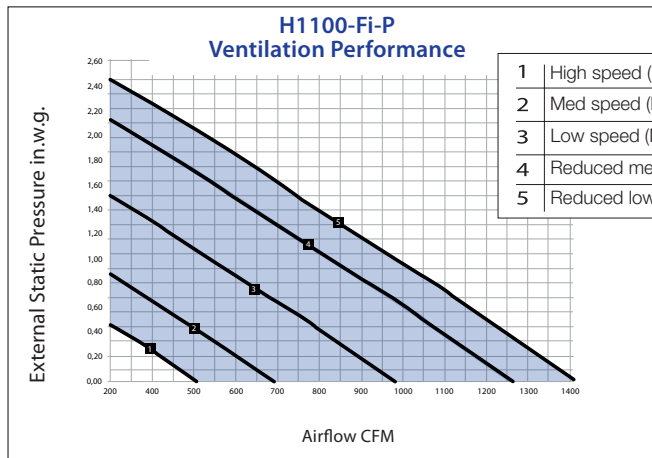


BOTTOM VIEW



SIDE VIEW

Performance



	Sensible Recovery %
100 % Air Flow Cooling	46%
75 % Air Flow Cooling	48%
100 % Air Flow Heating	45%
75 % Air Flow Heating	48%
AHRI Core Reference Number	8284038

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