



INSTALLATION / OPERATION MANUAL

V160802

Underfloor Fan Terminal Unit

AUFO

MODEL:

TOOLS REQUIRED:

1. Power Screwdriver
 - Phillips #3 Bit - floor panel screws
2. Panel Lifter (Suction Cups) - remove floor panels
3. Voltmeter - monitor power

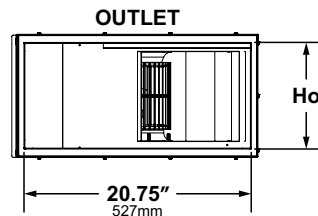
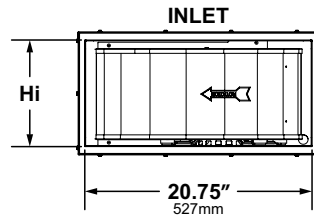
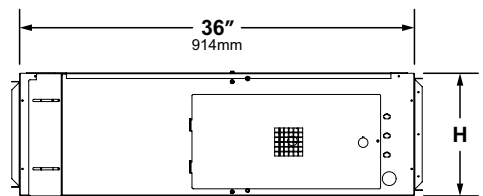
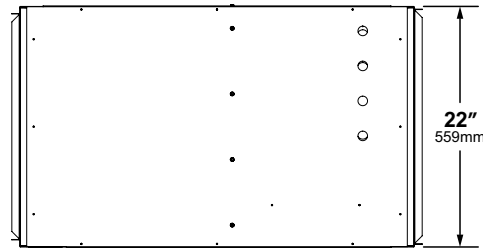
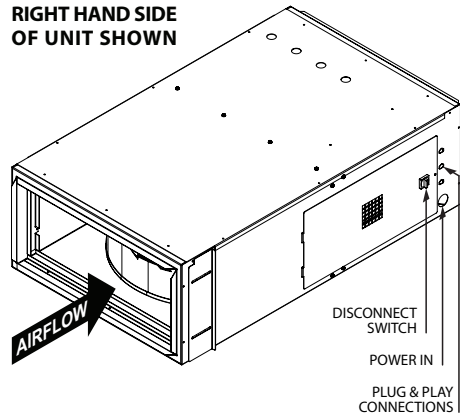
MATERIALS REQUIRED:

1. AUFO Underfloor Fan Terminal Unit
2. Plug & Play Cables (PAP-5 / PAP-6)
3. Power Connections

PREPARATION:

1. Verify that the AUFO is the correct model, unit count and location(s) per scheduled placement.
2. Remove the floor covering / floor panels at the desired location(s) (if installed). A minimum 4' x 4' (1.2m x 1.2m) opening is recommended to install the AUFO terminal.
3. Verify that all adjacent floor panels are properly installed.

RIGHT HAND SIDE OF UNIT SHOWN



IMPORTANT: It is **HIGHLY RECOMMENDED** by the manufacturer that each zone be checked for faulty or improper wiring **DURING INSTALLATION**. Each zone should be tested thoroughly for full connectivity before proceeding with installation of the next zone. The manufacturer cannot be responsible for any improper installation as a result of failure to follow this procedure as outlined in the AirFixture Connectivity Testing Procedures.

ALL DIMENSIONS NOMINAL +/- 0.1" (2.5mm)

H	in	8	10	13	15
	mm	203	254	330	381
Hi	in	6.5	8.5	11.5	13.5
	mm	165	216	292	343
Ho	in	6.5	8.5	11.5	13.5
	mm	165	216	292	343



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MODEL:

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INSTALLATION:

1. Position the AUFO by laying it on the subfloor. Verify that the controls access panel clears any floor pedestals or other underfloor obstructions, and can be fully opened and accessed.
2. Connect AUFO to designated thermostatic zone, using Plug & Play cables connected to molex inputs located on side of terminal next to controls access panel.
3. Connect AUFO to building power, per local code requirements.
4. With circuit energized, use voltmeter to check AUFO power status and verify that the fan operates correctly.
5. It is recommended by the manufacturer to remove the filter after construction, before commissioning.
6. Replace all removed floor panels, and secure in place with floor panel screws.

PRODUCT					PRIMARY VOLTAGE	PHASE	FAN MOTOR VOLTAGE	MCA	MOCP	
AUFO	x	x	x	12	x	120	1	120	6.7	15
				20		208	1	120	6.7	15
				24		240	1	240	3.3	15
				27		277	1	277	2.9	15
				23		208	3	120	6.7	15
				48		480	3	277	2.9	15

1. 120V (120/1/60) | 240V (240/1/60) | 277V (277/1/60)
 - Single Phase units require 3 conductors: Line / Neutral / Ground
2. 208V (208/1/60)
 - Single Phase 208V requires 4 conductors: L1 / L2 / Neutral / Ground
3. 208V (208/3/60) | 480V (480/3/60)
 - 3-Phase units require 5 conductors: L1 / L2 / L3 / Neutral / Ground

OPERATION:

Once installed, the AUFO requires no direct input or adjustment for proper operation.

MAINTENANCE:

Once installed, the AUFO requires no regular service or maintenance for proper operation.

REPLACEMENT PARTS:

1. Fuses - P/N: 999.0072.00