



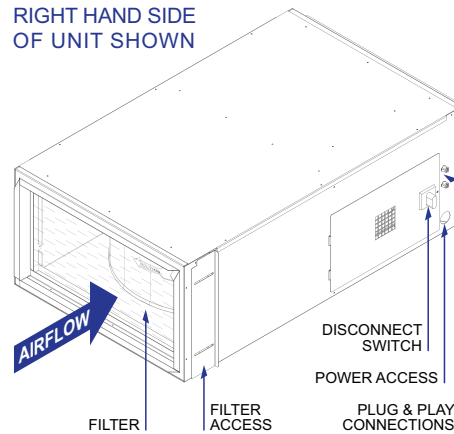
Specification Sheet

UFO Underfloor Fan Terminal Unit (Cooling Only)

Description

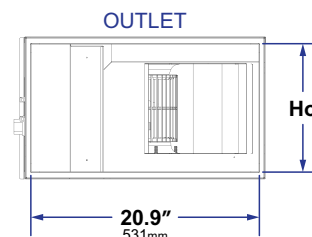
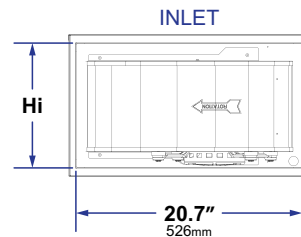
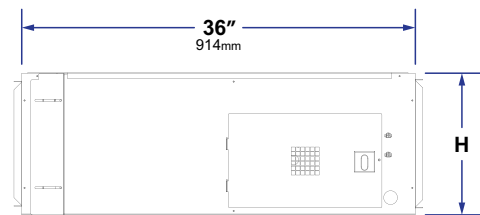
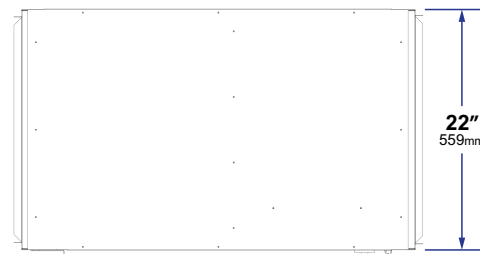
UFO (Underfloor Fan Only) is an under floor cooling only fan terminal unit. The casing features 20 gauge (1mm) galvanized steel construction, pre-painted black.

Each unit includes an integrated transformer for 24VAC power, which will power other devices up to a 40VA limit (100VA optional; specify on order). Modular moxex cable connections allow plug & play zone installation.



Features

- 20 gauge (1mm) galvanized steel casing, pre-painted black
- Removable fan access panel
- Interlocking disconnect switch on controls access panel
- High efficiency variable speed ECM motor with thermal overload protection (optional direct drive constant speed PSC motor; specify on order)
- Single-point power connection
- 40VA control transformer (100VA optional)
- Main supply fusing
- 1" (25mm) replaceable T/A filter
- ETL listed, fully certified to UL standards
- Meets all NEC requirements
- Includes NEMA-1 enclosure
- Sides lined with 1" (25mm) dual density insulation
- Insulation meets fungi resistance test standards ASTM C-1071 & ASTM G21
- Insulation meets NFPA 90A, UL181
- Insulation has "A" fire classification of 25/50 per ASTM E-84 & UL723
- Insulation meets bacteriological test standards ASTM C-665 & ASTN G22



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

	in	8	10	13	15
H	mm	203	254	330	381
Hi	in	6.4	8.4	11.4	13.4
	mm	163	213	290	343
Ho	in	6.8	8.8	11.8	13.8
	mm	173	224	299	351



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UFO Underfloor Fan Terminal Unit (Cooling Only)

Electrical Performance

- 120V (120/1/60) | 277V (277/1/60)
 - Single Phase 120V / 277V requires 3 conductors: Line / Neutral / Ground
- 240V (240/1/60)
 - Single Phase 240V requires 3 conductors: Line1 / Line2 / Ground
- 208V (208/1/60)
 - Single Phase 208V requires 4 conductors: Line1 / Line2 / Neutral / Ground
- 208V (208/3/60) | 480V (480/3/60)
 - 3-Phase 208V / 480V requires 5 conductors: Line1 / Line2 / Line3 / Neutral / Ground

Additional custom Voltages / 50Hz capabilities available; specify on order.

PRODUCT DESCRIPTION	PRIMARY VOLTAGE	PHASE	FAN MOTOR VOLTAGE	MCA	MOP	
UFO	12	120v	1PH	120v	9.6A	15A
	20	208v	1PH	120v	9.6A	15A
	24	240v	1PH	240v	5.4A	15A
	27	277v	1PH	277v	5.1A	15A
	23	208v	3PH	120v	9.6A	15A
	48	480v	3PH	277v	5.1A	15A

Sequence of Operation

In variable configuration fan units operate continuously in cooling mode, with solid state speed control varying fan speed to match cooling load. Fan units equipped with EC motors will vary the fan speed based on cooling demand; AC motors will run at a single speed.

This sequence represents typical operation as recommended by the manufacturer; any project operational specification that requires a custom sequence must be specified prior to final order.



Specification Sheet

UFO Underfloor Fan Terminal Unit (Cooling Only)

Specifications

Application:	Underfloor Cooling Raised Access Floor Systems 10"–17" (254mm–432mm) +
Dimensions:	36" x 22" x 8" (914mm x 559mm x 203mm)
LxWxH (Nominal)	36" x 22" x 10" (914mm x 559mm x 254mm)
	36" x 22" x 13" (914mm x 559mm x 330mm)
	36" x 22" x 15" (914mm x 559mm x 381mm)
Construction:	Galvanized Steel 20 Gauge (1mm) Pre-Painted Black
Supply Press. / Temp.:	0.02–0.1 in. w.c. (5–25 Pa) 40–120°F (4–49°C)
Air Flow Capacity:	300 cfm @ 0.05 in. w.c. (510 m ³ /hr @ 12.5 Pa) Minimum 8" (203mm) Casing Height
(Nominal Maximum)	1200 cfm @ 0.05 in. w.c. (2040 m ³ /hr @ 12.5 Pa) Minimum 10" (254mm) Casing Height
	1500 cfm @ 0.05 in. w.c. (2548 m ³ /hr @ 12.5 Pa) Minimum 13" (330mm) Casing Height

