

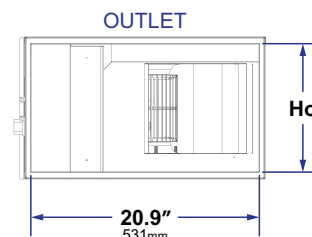
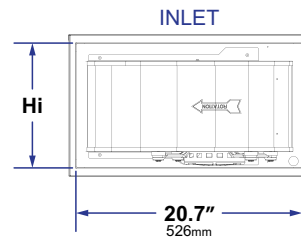
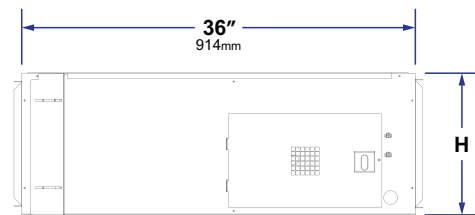
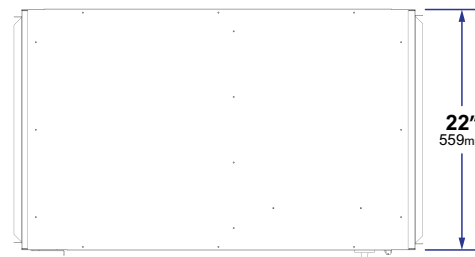
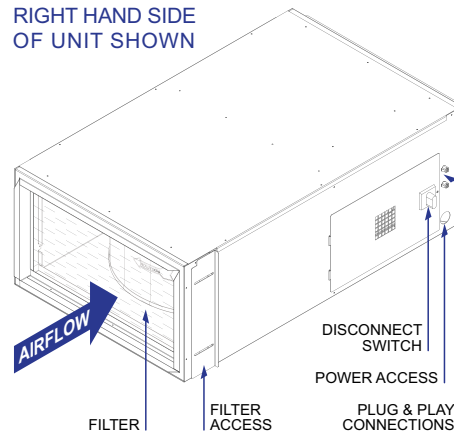
Underfloor Fan Terminal Unit (Cooling Only)

MODEL: UFO

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. One (1) PAP-5 and one (1) PAP-6 Plug & Play Cable are included.



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

H	in	8	10	13	15
	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

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



Underfloor Fan Terminal Unit (Cooling Only)

MODEL: **UFO**

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

ELECTRICAL PERFORMANCE:

- 120V (120/1/60) | 277V (277/1/60)
 - Single Phase units require 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 units require 5 conductors: Line1 / Line2 / Line3 / Neutral / Ground

Additional Voltages / 50Hz capabilities available on request.

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.

SPECIFICATIONS:

Application: Underfloor Cooling | Raised Access Floors 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: 150–1800 cfm @ 0.05 in. w.c. (255–3060 m³/hr @ 12.5 Pa)
 (Nominal)



Underfloor Fan Terminal Unit (Cooling Only)

MODEL: **UFO**

UFO - 08 - 1 - EC - 12 - 000

PRODUCT DESCRIPTION
Underfloor Fan Cooling Only

TERMINAL HEIGHT
08 = 8" (203mm)
10 = 10" (254mm)
13 = 13" (330mm)
15 = 15" (381mm)

AIR FLOW
1 = 150 cfm (255 m³/hr)
2 = 300 cfm (510 m³/hr)
3 = 600 cfm (1020 m³/hr)
4 = 900 cfm (1530 m³/hr)
5 = 1200 cfm (2040 m³/hr)
6 = 1500 cfm (2550 m³/hr)
7 = 1800 cfm (3060 m³/hr)

MOTOR SPEED CONTROL
EC = Variable Speed
AC = Single Speed

VOLTAGE
12 = 120V (120/1/60)
20 = 208V (280/1/60)
23 = 208V (280/3/60)
24 = 240V (240/1/60)
27 = 277V (277/1/60)
48 = 480V (480/3/60)

HEATING OPTIONS
000 = Not Applicable