

# UQFP Series

## ultra quiet fan panels

provides smart cooling and monitoring where fan noise is not an option

### features:

- Quiet operation, 27dB at full speed for 4 fan models, 24dB at full speed for 2 fan models
- Overtemp and fan failure notification
- 100 CFM in 4 fan units, 50 CFM in 2 fan units
- Available with commercial and designer inspired aesthetic treatments
- Fan speeds proportional to temperature of enclosure to extend fan life, reduce dust and maintenance
- Model available with intake and exhaust units
- Temperature probe with 9' cord and wire ties included
- Compact design occupies only 2 rackspace



UQFP-2D



UQFP-4RA-I/O



UQFP-4DRA



UQFP-4



UQFP-4RA



UQFP-4D

### specifications:

#### Model #s UQFP-2, UQFP-4

EIA compliant 19" Ultra Quiet Fan Panel shall be Middle Atlantic Products model # UQFP-\_\_ (2,4). Panel shall be constructed of 16-gauge steel, finished in a durable black powder coat and shall occupy 2 rackspace. Fans shall activate at 81°F (27°C), reach full speed at 90°F (32°C) and switch off at 79°F (26°C). Fans shall displace \_\_CFM (50,100) with a maximum decibel level of \_\_ (24,27) dB (measurements made 1 meter from source, centered horizontally and vertically). Overtemp alarm set point shall be 100°F (37°C). Panel shall provide local status notification of power (green LED), fan speed (yellow LED) and overtemp (red LED). Fan LED light shall blink relative to fan speed. Rear, normally open dry switch closure shall provide overtemp alarm signal to compatible, customer supplied monitoring device. Fan panel shall be RoHS EU Directive 2002/95/EC compliant. Fan panel shall be manufactured by an ISO 9001 and ISO 14001 registered company. Fan panel shall be warrantied to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years. Panel shall include a UL Listed 5V DC power supply and temperature probe with a 9' cord.

#### Model #s UQFP-2D, UQFP-4D (with display)

EIA compliant 19" Ultra Quiet Fan Panel with local notification display shall be Middle Atlantic Products model # UQFP-\_\_ (2,4)D. Panel shall be constructed of 16-gauge steel, finished in a durable black powder coat and shall occupy 2 rackspace. Fans shall activate at 81°F (27°C), reach full speed at 90°F (32°C) and switch off at 79°F (26°C). Fans shall displace \_\_CFM (50,100) with a maximum decibel level of \_\_ (24,27) dB (measurements made 1 meter from source, centered horizontally and vertically). Panel shall provide local status notification of power (green LED), fan speed (yellow LED) and overtemp (red LED). Fan LED light shall blink relative to fan speed. Rear, normally open dry switch closure shall provide overtemp alarm signal to compatible, customer supplied monitoring device. Overtemp alarm set point shall be user definable from 95°-115°F (35°-46°C). Unit shall remember settings when unplugged or during power outage. Front display shall provide notification of overtemp and fan fault conditions. Rear, normally open dry switch closure shall provide fan fault alarm signal to compatible, customer supplied monitoring device. Alarm set point button shall control Fahrenheit/Celsius setting and overtemp alarm threshold in 1-degree increments. Fan panel shall be RoHS EU Directive 2002/95/EC compliant. Fan panel shall be manufactured by an ISO 9001 and ISO 14001 registered company. Fan panel shall be warrantied to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years. Panel shall include a UL Listed 5V DC power supply and temperature probe with a 9' cord.

#### Model #s UQFP-4RA, UQFP-4RA-I/O, UQFP-4DRA, UQFP-4RIS, UQFP-4RA-INT (Designer Inspired)

Designer Inspired Ultra Quiet Fan Panel shall be Middle Atlantic Products model # UQFP-4\_\_\_. Overtemp alarm set point shall be user definable from 95°-115°F (35°-46°C) (not available on UQFP-4RA, UQFP-4RA-I/O, UQFP-4RIS or UQFP-4RA-INT). UQFP-4RA-INT shall include an intake only. UQFP-4RA-I/O shall include an intake and exhaust fan. UQFP-4RIS shall be intake only, and connect with an ethernet cable. Overtemp alarm output shall be normally open dry contact closure for use with customer supplied monitoring system. Unit shall remember settings when unplugged or during power \ outage. Fans shall activate at 81°F (27°C) and operate at speeds proportional to temperature inside enclosure. Fans shall displace 100 CFM with a maximum decibel level of 27dB (measurements made 1 meter from source, centered horizontally and vertically). Fan panel shall occupy two rackspace. Chassis shall be constructed of 20-gauge steel with 16-gauge aluminum face. Fan panel shall provide local sensor fault notification (not available on UQFP-4RA or UQFP-4RA-I/O). Fan panel shall be RoHS EU Directive 2002/95/EC compliant. Fan panel shall be manufactured by an ISO 9001 and ISO 14001 registered company. Fan panel shall be warrantied to be free from defects in materials and workmanship under normal use and conditions for a period of 3 years. Panel shall include a UL Listed 5V DC power supply and temperature probe with a 9' cord.

Customizable specification clips available at [middleatlantic.com](http://middleatlantic.com)

EIA/TIA COMPLIANT



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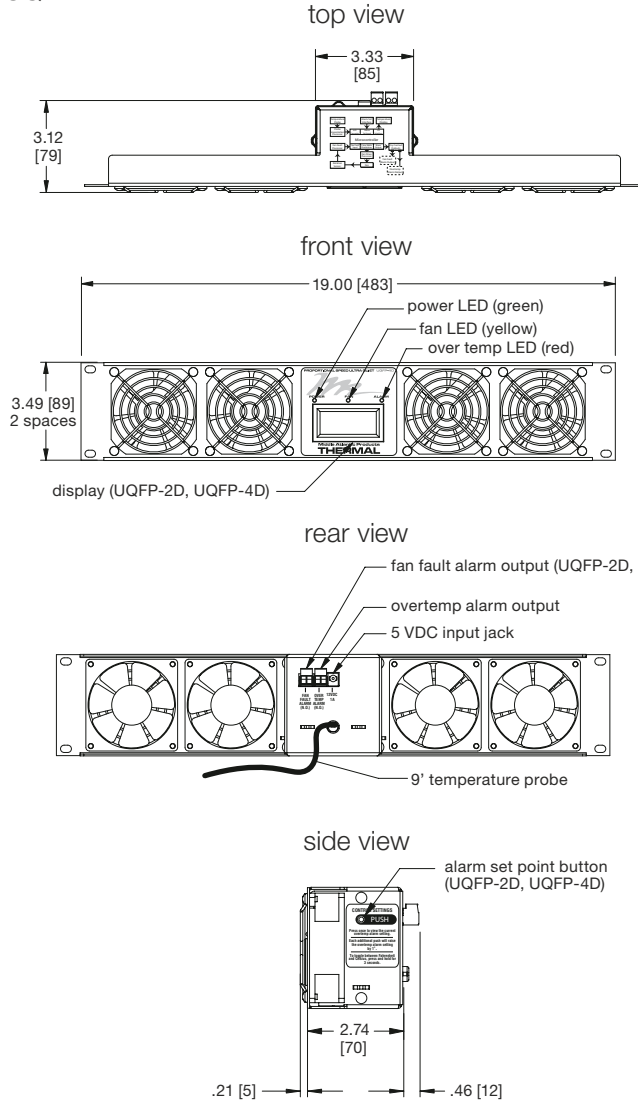
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# UQFP Series

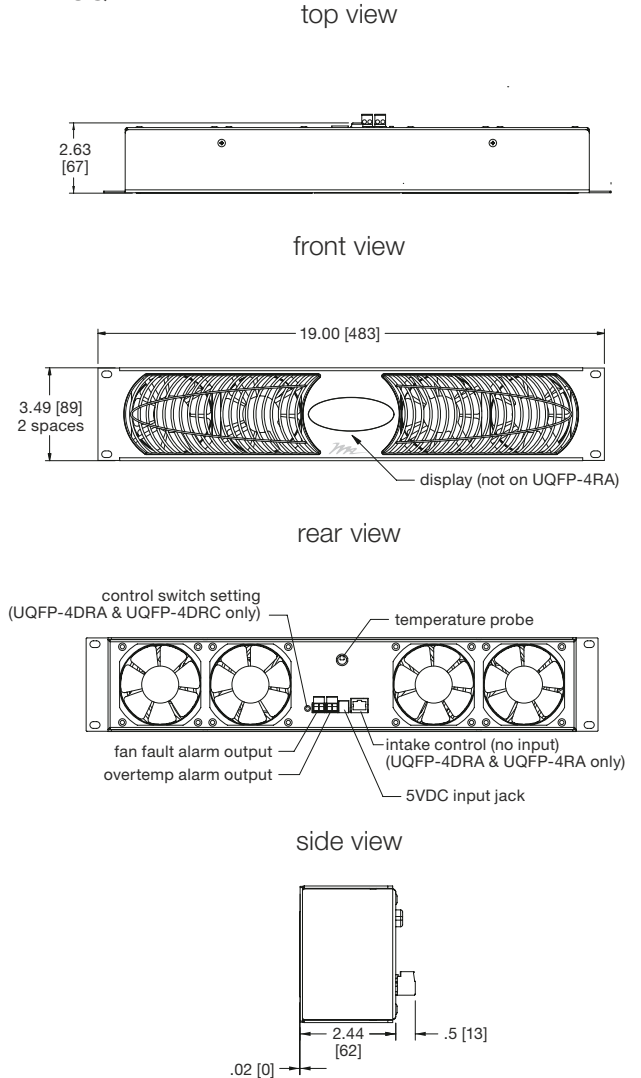
## basic dimensions

all dimensions in inches unless otherwise noted [all dimensions in brackets are in millimeters]

UQFP-4D



UQFP-4XXX



Part #	# of Fans	Overtemp Notification			User Definable Overtemp Setting	Fan Failure Notification Local & Remote Display	Sensor Fault Notification Local	Current Draw at 5 Volts DC	Airflow at Full Speed	dB level at Full Speed	Finish	Racking Height
		Local LED	Local Display	Remote								
UQFP-2D	2	•	•	•	•	•	•	550 mA	50 CFM	24 dB	black powder coat	2 space
UQFP-4D	4	•	•	•	•	•	•	1.1 A	100 CFM	27 dB	black powder coat	2 space
UQFP-2	2	•		•				550 mA	50 CFM	24 dB	black powder coat	2 space
UQFP-4	4	•		•				1.1 A	100 CFM	27 dB	black powder coat	2 space
UQFP-4DRA	4		•	•	•	•	•	560 mA	100 CFM	27 dB	black brushed anodized	2 space
UQFP-4RA	4			•				510 mA	100 CFM	27 dB	black brushed anodized	2 space
UQFP-4RA-I/O	8			•				1.1 A	100 CFM	30 dB	black brushed anodized	4 space
UQFP-4RA-INT**	4							560 mA	100 CFM	27 dB	black brushed anodized	2 space
UQFP-4RIS*	4							510 mA	100 CFM	27 dB	black brushed anodized	2 space

\*The UQFP-4RIS is an intake panel and can only be used in conjunction with the UQFP-4RA and UQFP-4DRA

\*\*UQFP-4RA-INT is a standalone intake unit without display (cannot be controlled by other models)

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