Middle Atlantic Products

EXCEPTIONAL SUPPORT & PROTECTION™

Fan Options

Control temperature within an enclosure with fan options and accessories

FAN

- 115V fan rated at 95 CFM
- 39 dBA (measurements made 1 meter from source, centered horizontally and vertically)
- Smooth, long life ball-bearing design
- UL Recognized in the US and Canada
- Used in:
  - KO-AWFP2, selectively vented rear door knockout fan panel and HDR-FAN (See A&E Spec # 96-975)
  - DLBX (A&E Spec # 96-01008) DVR lockbox and VLBX (A&E Spec # 96-942) VTR lockbox
  - MW-4FT-380 CFM and ERK-4FT-285CFM fan tops

FAN

QFAN

- 115V fan rated at 50 CFM
- <30 dBA (measurements made 1 meter from source, centered horizontally and vertically)
- Quiet fan includes fan guard with black powder coat finish
- Smooth, long life ball-bearing design
- UL Recognized in the US and Canada
- Used in:
  - QFP-1 (one fan) and QFP-2 (two fans) black anodized fan panels; QTFP-1 and QTFP-2 black textured powder coat fan panels
  - MW-4QFT-FC* (four fans) and ERK-4QFT-FC (three fans) integrated fan tops with thermostatic fan control
  - SCQ Series* monitoring consoles (A&E Spec # 96-989) and SCQRK Series* enclosures (A&E Spec # 96-995)
  - Edit Center multimedia studio furniture (See Master Catalog)

* SCQ Series, SCQRK Series and integrated fan tops are UL Listed in the US and Canada

QFAN

FAN-6

- 115V fan rated at 220 CFM
- 49 dBA (measurements made 1 meter from source, centered horizontally and vertically)
- Smooth, long life ball-bearing design
- UL Recognized in the US and Canada
- Used in:
  - MW-6FT-660CFM and ERK-6FT-440CFM fan tops

FAN-6

CUSTOMIZABLE SPECIFICATION CLIPS AVAILABLE AT MIDDLEATLANTIC.COM

FAN-10

- 115V fan rated at 550 CFM
- 49 dBA (measurements made 1 meter from source, centered horizontally and vertically)
- Smooth, long life ball-bearing design
- UL Recognized in the US and Canada
- Used in:
    - MW-10FT-FC* and ERK-10FT-FC* integrated fan tops with thermostatic fan control
    - MW-10FT-550CFM and ERK10FT-550CFM fan tops

* Integrated fan tops are UL Listed in the US and Canada

FAN10

BMF-FAN10

- 115V fan rated at 825 CFM
- 60 dBA (measurements made 1 meter from source, centered horizontally and vertically)
- Maximum cooling for enclosures with high heat density
- Smooth, long life ball-bearing design
- UL Recognized in the US and Canada

BMF-FAN10

AXS-FAN

- 115V fan rated at 57 CFM
- 30 dBA (measurements made 1 meter from source, centered horizontally and vertically)
- Slim design fits AXS Series rack
- Smooth, long life ball-bearing design
- UL Recognized in the US and Canada
- AXS-FAN-K available, includes two fans (33 dBA, 114 CFM)
- Quiet operation, 27 dBA at full speed for 4 fan models, 24 dBA at full speed for 2 fan models
- Temperature display, LED indicators and designer-inspired aesthetic treatments available
- Fan speeds proportional to temperature of enclosure to extend fan life, reduce dust and maintenance

AXS-FAN

UQFP Series Ultra Quiet Fan Panel

- Overtemp and fan failure notification via contact closure
- 100 CFM in 4 fan units, 50 CFM in 2 fan units
- Minimal friction, long-lasting hydrowave-bearing design
- UL Listed power supply with 6' cord
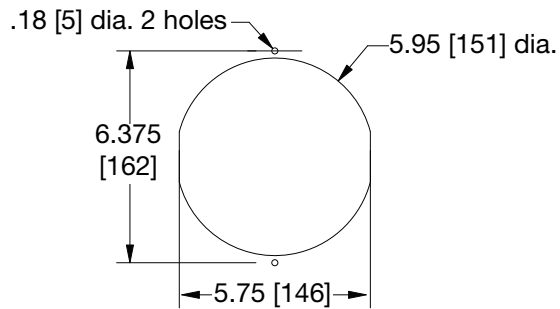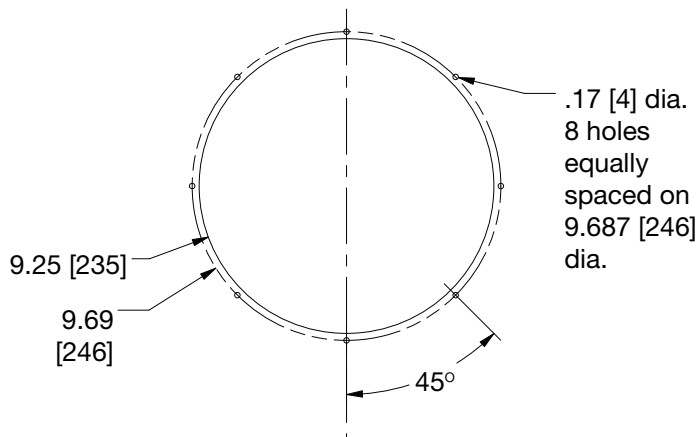- See Ultra Quiet Fan Panel A&E Spec # 96-01037

UQFP-4D

Specifications for Fan Options

MODEL #	SIZE	VOLTAGE (V)	CURRENT (mA)	SPEED (RPM)	NOISE (dBA)	STATIC PRESSURE (In H20)	AIRFLOW (CFM)
QFAN	4.69" x 4.69" x 1.5" [119 x 119 x 38]	115	80	1450	<30	0.07	50
FAN	4.69" x 4.69" x 1.5" [119 x 119 x 38]	115	190	2750	39	0.26	95
FAN-6	6.77" x 5.91" x 1.5" thk [172 x 150 x 38 thk]	115	420	2900	49	0.6	220
FAN-10	10" dia. x 3.5" thk [254 dia. x 89 thk]	115	500	1650	49	0.365	550
AXS-FAN	4.69" x 4.69" x 1.0" [119 x 119 x 38]	115	90	2300	30	0.09	57
BMF-FAN10	10" dia. x 4.25" thk [254 dia. x 108 thk]	115	1300	2400	60	0.405	825

Mounting hole dimensions for
FAN-6

.18 [5] dia. 2 holes
5.95 [151] dia.
6.375 [162]
5.75 [146]

Mounting hole dimensions for
BMF-FAN10 and FAN-10

.17 [4] dia. 8 holes equally spaced on 9.687 [246] dia.
9.25 [235]
9.69 [246]
45°

Mounting hole dimensions for
QFAN, FAN, AXS-FAN

.18 dia. [5]
1.125 [29]
4.125 [105]
4.56 [117]
4.125 [105]
4.56 [117]
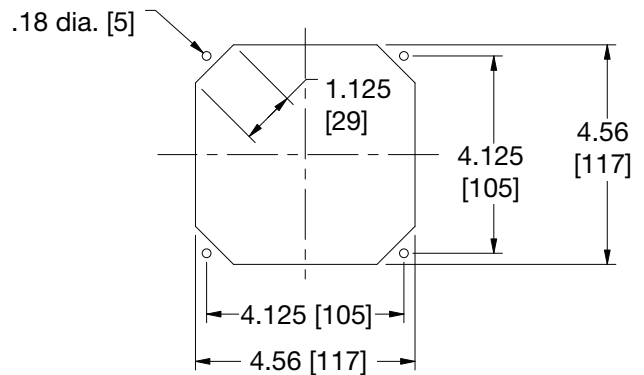
All dimensions in inches unless otherwise noted [Bracketed dimensions are in millimeters]

Middle Atlantic Products, Inc.

Quick guide to proper thermal management

PROPER
Forced Air
with front-intakes on equipment

Rack Fan

No vent in Rack Face!

Avoid vented rack panels in upper 6 spaces of rack

No upper vents in rack sides

No Vent!
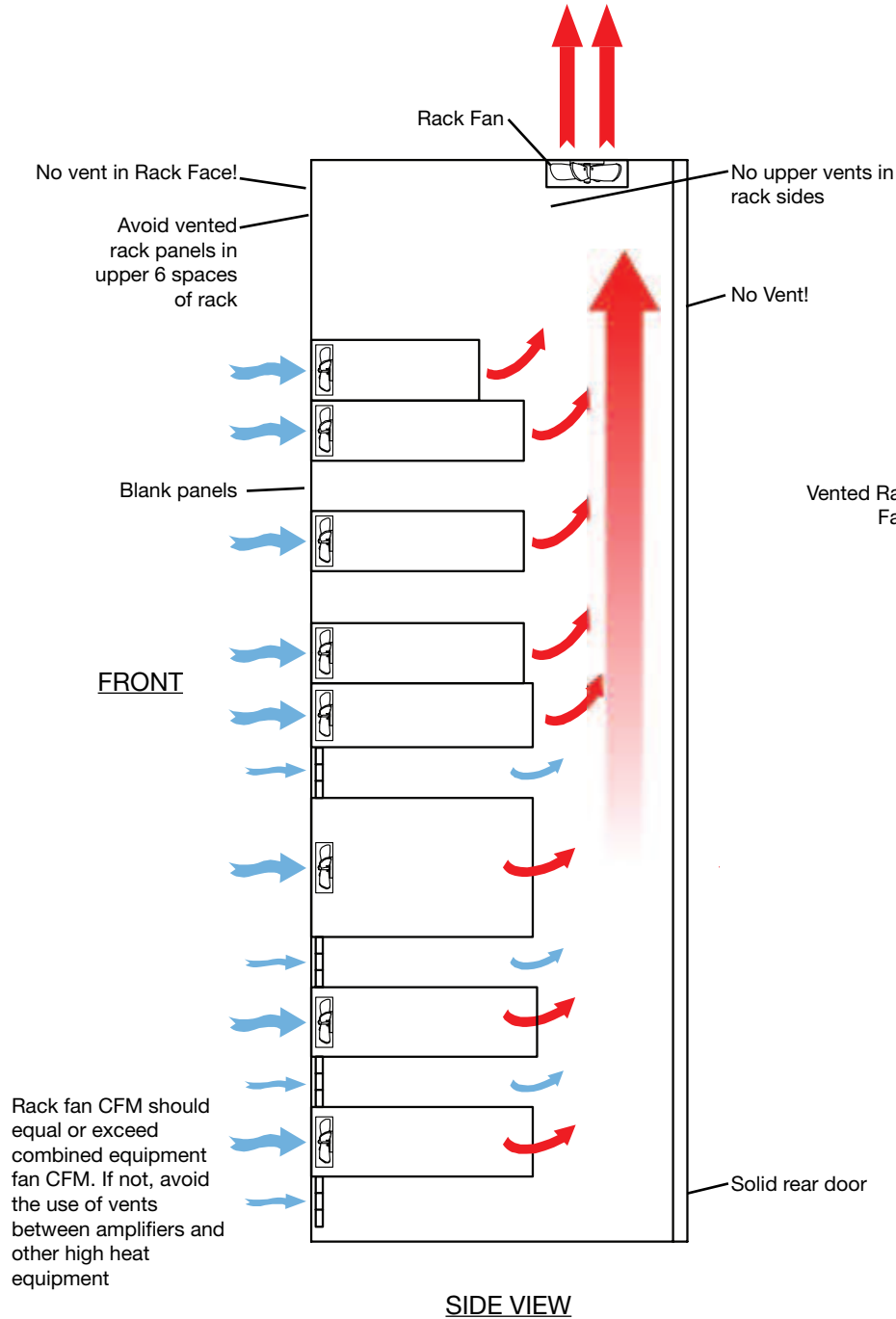
WRONG
Forced Air
with front-intakes on equipment

Fan

Vented Rack Face

Partially vented Rear Door

Blank panels

FRONT

Rack fan CFM should equal or exceed combined equipment fan CFM. If not, avoid the use of vents between amplifiers and other high heat equipment

Solid rear door

SIDE VIEW
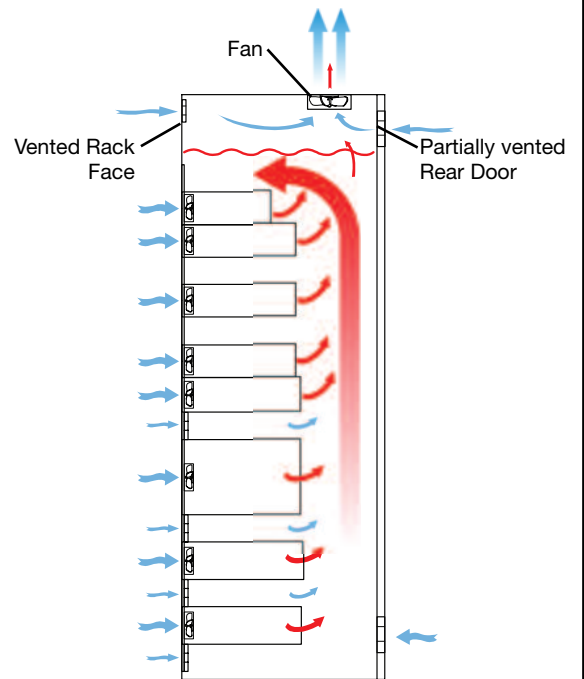
For more information, download the Thermal Management White Paper at middleatlantic.com