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

**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

**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-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

**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

**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)

**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
- 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
## Specifications for Fan Options

<table>
<thead>
<tr>
<th>MODEL #</th>
<th>SIZE</th>
<th>VOLTAGE (V)</th>
<th>CURRENT (mA)</th>
<th>SPEED (RPM)</th>
<th>NOISE (dBA)</th>
<th>STATIC PRESSURE (In H2O)</th>
<th>AIRFLOW (CFM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>QFAN</td>
<td>4.69&quot; x 4.69&quot; x 1.5&quot; [119 x 119 x 38]</td>
<td>115</td>
<td>80</td>
<td>1450</td>
<td>&lt;30</td>
<td>0.07</td>
<td>50</td>
</tr>
<tr>
<td>FAN</td>
<td>4.69&quot; x 4.69&quot; x 1.5&quot; [119 x 119 x 38]</td>
<td>115</td>
<td>190</td>
<td>2750</td>
<td>39</td>
<td>0.26</td>
<td>95</td>
</tr>
<tr>
<td>FAN-6</td>
<td>6.77&quot; x 5.91&quot; x 1.5&quot; thk [172 dia. x 150 x 38 thk]</td>
<td>115</td>
<td>420</td>
<td>2900</td>
<td>49</td>
<td>0.6</td>
<td>220</td>
</tr>
<tr>
<td>FAN-10</td>
<td>10&quot; dia. x 3.5&quot; thk [254 dia. x 89 thk]</td>
<td>115</td>
<td>500</td>
<td>1650</td>
<td>49</td>
<td>0.365</td>
<td>550</td>
</tr>
<tr>
<td>AXS-FAN</td>
<td>4.69&quot; x 4.69&quot; x 1.0&quot; [119 x 119 x 38]</td>
<td>115</td>
<td>90</td>
<td>2300</td>
<td>30</td>
<td>0.09</td>
<td>57</td>
</tr>
<tr>
<td>BMF-FAN10</td>
<td>10&quot; dia. x 4.25&quot; thk [254 dia. x 108 thk]</td>
<td>115</td>
<td>1300</td>
<td>2400</td>
<td>60</td>
<td>0.405</td>
<td>825</td>
</tr>
</tbody>
</table>

### Mounting hole dimensions for FAN-6

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

### Mounting hole dimensions for BMF-FAN10 and FAN-10

- 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]
Quick guide to proper thermal management

PROPER
Forced Air with front-intakes on equipment
- No vent in Rack Face!
- Avoid vented rack panels in upper 6 spaces of rack
- Blank panels
- Rack Fan
- No upper vents in rack sides
- No Vent!
- 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

WRONG
Forced Air with front-intakes on equipment
- Fan
- Vented Rack Face
- Partially vented Rear Door

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