

|                           |  |
|---------------------------|--|
| <b>SERIES</b>             | AC1001                                   |
| <b>AVAILABLE OPTIONS</b>  | Electric Heated   Water Heated           |
| <b>MODELS</b>             | 79E16   79W24                            |
| <b>AVAILABLE VOLTAGES</b> | 208V/240V/1, 208V/240V/3, 480V/3, 600V/3 |

**OVERVIEW**

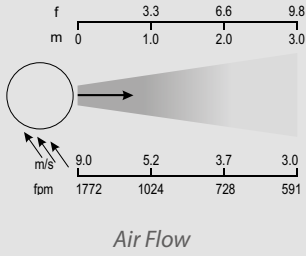
Series 1001- a popular model for installation where a decorative, but very functional application is required. These units are floor mounted and stand 79` high. Suitable for installing as a stand alone unit or as a pair can protect across several doors simultaneously. Available also in polished or brushed stainless steel finishes and are ideal in any style of public accessed building.



Control panel included with every air curtain. Complete with - 3 speed control, Thermostat and 2 heat settings.



### Electric Heated

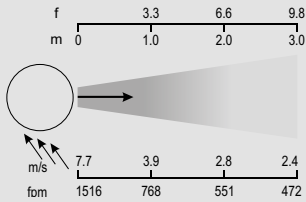


Air Flow

| GENERAL CHARACTERISTICS        |                   |                  |
|--------------------------------|-------------------|------------------|
| MODEL                          |                   | 76E16            |
| Heat Output                    | kBTU/h            | 54.9             |
|                                | kW                | 16.1             |
| Air Volume                     | cfm               | 2000             |
|                                | m <sup>3</sup> /h | 3400             |
| Max. Door Height               | ft                | 7.0              |
|                                | m                 | 2.1              |
| Temperature rise               | °F                | 25.2             |
|                                | °C                | 14               |
| Length                         | ft                | 11.5             |
|                                | mm                | 3500             |
| Dimensions (Lx WxH)            | in                | (w)18.1 (H)79.2  |
|                                | mm                | (w) 460 (H) 2012 |
| Weight                         | lb                | 161.2            |
|                                | kg                | 73               |
| Motor Input                    | hp                | 0.46             |
|                                | W                 | 340              |
| Sound Level at 5 m (distance)  | dB(A)             | 54               |
| *Max. Current unit (208V)      | A                 | 48.5             |
| Maximum motor current          | A                 | 1.6              |
| *Max. Current heating elements | A                 |                  |
| 480 V                          |                   | 20.2             |
| 600 V                          |                   | 16.2             |

\* See page 6.

### Water Heated



Air Flow

| GENERAL CHARACTERISTICS       |                   |                   |
|-------------------------------|-------------------|-------------------|
| MODEL                         |                   | 79W24             |
| Voltage                       | V/PH/Hz           | 208/1/60          |
| Heat Output                   | kBTU/h            | 82.0              |
|                               | kW                | 24.0              |
| Air Volume                    | cfm               | 1770              |
|                               | m <sup>3</sup> /h | 3000              |
| Max. Door Height              | ft                | 7.0               |
|                               | m                 | 2.1               |
| Temperature rise              | °F                | 54                |
|                               | °C                | 30                |
| Length                        | ft                | 11.5              |
|                               | mm                | 3500              |
| Dimensions                    | in                | (W) 18.1 (H) 79.2 |
|                               | mm                | (W) 460 (H) 2012  |
| Weight                        | lb                | 143.5             |
|                               | kg                | 65                |
| Motor Input                   | hp                | 0.49              |
|                               | W                 | 360               |
| Max. Current                  | A                 | 1.7               |
| Sound Level at 5 m (distance) | dB(A)             | 54                |

| THERMAL CHARACTERISTICS (Thermal characteristics at ambient room temperature 59°F (15°C) and maximum airrow) |        |         |         |         |         |         |         |
|--|--------|---------|---------|---------|---------|---------|---------|
| MODEL  |        | 79W24   |         |         |         |         |         |
| Water Temperature at Intel/Outlet  | °F     | 302/158 | 266/158 | 221/158 | 203/158 | 176/140 | 140/104 |
|  | °C     | 150/70  | 130/70  | 105/70  | 95/70   | 80/60   | 60/40   |
| Heat Output  | kBTU/h | 97.9    | 92.2    | 85.0    | 81.9    | 66.2    | 37.5    |
|  | kW     | 28.7    | 27.0    | 24.9    | 24.0    | 19.4    | 11.0    |
| Air Temperature rise   | °F     | 64.8    | 61.2    | 55.8    | 54      | 43.2    | 25.2    |
|  | °C     | 36      | 34      | 31      | 30      | 24      | 14      |
| Water Flow   | USGPH  | 90.36   | 114.13  | 180.71  | 237.78  | 247.29  | 133.16  |
|  | l/s    | 0.095   | 0.12    | 0.19    | 0.25    | 0.26    | 0.14    |

\* Based on intel and outlet water temperatures of 203 °F/158 °F (95°C/70°C) hot water