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|---------------------------|---|
| SERIES | AC402 |
| AVAILABLE OPTIONS | Electric Heated Water Heated Ambient (Unheated) |
| MODELS | 39E16, 59E21, 79E32 39W22, 59W41, 79W54 39A, 59A, 79A |
| AVAILABLE VOLTAGES | 208V~3 Ph, 480V~3 Ph, 600V~3 Ph |

OVERVIEW

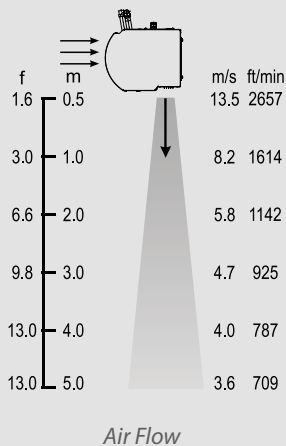


Control panel included with every air curtain. Complete with 3-speed control, Thermostat and 2 heat settings. Installation up to a maximum 16.4' (5 m).

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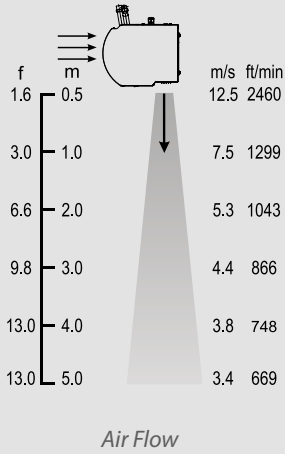
Electric Heated



| GENERAL CHARACTERISTICS | | AC402-39E16 | AC402-59E21 | AC402-79E32 |
|--------------------------------|--------------------------|--|--|--|
| MODEL | | | | |
| Heat Output | kBTU/h kW | 54.6 16 | 71.6 21 | 109.2 32 |
| Air Volume | cfm m ³ /h | 1942 3300 | 3355 5700 | 3826 6500 |
| Max. Door Height | ft m | | 18.0 5.5 | |
| Temperature rise | °F °C | 58.1 14.5 | 51.8 11.0 | 51.8 14.5 |
| Length | ft mm | 3.3 1000 | 4.9 1500 | 6.6 2000 |
| Dimensions (Lx W x H) | in mm | 44.4 x 14.7 x 16.7 1130 x 375 x 425 | 71.2 x 14.7 x 16.7 1810 x 375 x 425 | 83.2 x 14.7 x 16.7 2115 x 375 x 425 |
| Weight | lb kg | 63.9 29 | 103.6 47 | 114.6 52 |
| Motor Input | hp W | 0.6 450 | 1.2 900 | 1.2 900 |
| Sound Level at 5 m (distance) | dB(A) | 64 | 66 | 67 |
| *Max. Current unit (208V) | A | 49 | 66.5 | 98 |
| Maximum motor current | A | 2 | 4 | 4 |
| *Max. Current heating elements | A | | | |
| 480 V | | 20.2 | 27.8 | 40.4 |
| 600 V | | 16.2 | 22.3 | 32.2 |

* See page 6.

Water Heated

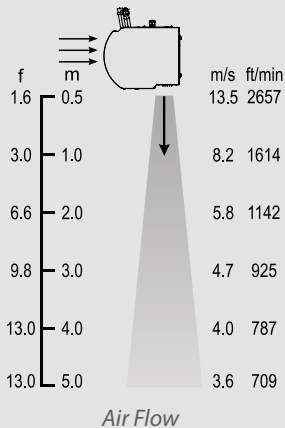


| GENERAL CHARACTERISTICS | | | | |
|-------------------------------|--------------------------|--|--|--|
| MODEL | | AC402-39W22 | AC402-59W41 | AC402-79W54 |
| Voltage | V/PH/Hz | 208/1/60 | | |
| Heat Output | kBTU/h kW | 78.5 23 | 144.3 42.3 | 187.3 54.9 |
| Air Volume | cfm m ³ /h | 1942 3300 | 3060 5200 | 3826 6500 |
| Max. Door Height | ft m | 18 5.5 | | |
| Temperature rise | °F °C | 68.9 20.5 | 75 23.9 | 76.8 24.9 |
| Length | ft mm | 3.3 1000 | 4.9 1500 | 6.6 2000 |
| Dimensions (L x W x H) | in mm | 44.4 x 14.7 x 16.7 1130 x 375 x 425 | 71.2 x 14.7 x 16.7 1810 x 375 x 425 | 83.2 x 14.7 x 16.7 2115 x 375 x 425 |
| Weight | lb kg | 65 30 | 101 46 | 118 54 |
| Motor Input | hp W | 0.6 450 | 1.2 900 | 1.2 900 |
| Max. Current | A | 2.2 | 4.2 | 4.2 |
| Sound Level at 5 m (distance) | dB(A) | 64 | 66 | 67 |

| THERMAL CHARACTERISTICS (Thermal characteristics at ambient room temperature 59°F (15°C) and maximum air flow) | | | | |
|--|--------------|------------------|------------------|------------------|
| MODEL | | AC402-39W22 | | |
| Water Temperature at Inlet/Outlet | °F °C | 203/158 95/70 | 176/140 80/60 | 140/104 60/40 |
| Heat Output | kBTU/h kW | 78.5 23.0 | 62.4 18.3 | 17.7 5.2 |
| Air Temperature rise | °F °C | 68.9 20.5 | 61.3 16.3 | 40.3 4.6 |
| Water Flow | USGPH l/s | 238 0.25 | 238 0.25 | 67 0.07 |
| MODEL | | AC402-59W41 | | |
| Water Temperature at Inlet/Outlet | °F °C | 203/158 95/70 | 176/140 80/60 | 140/104 60/40 |
| Heat Output | kBTU/h kW | 144.3 42.3 | 116.4 34.1 | 62.8 18.4 |
| Air Temperature rise | °F °C | 75 24 | 67 19 | 51 10 |
| Water Flow | USGPH l/s | 437.5 0.46 | 437.5 0.46 | 237.78 0.25 |
| MODEL | | AC402-79W54 | | |
| Water Temperature at Inlet/Outlet | °F °C | 203/158 95/70 | 176/140 80/60 | 140/104 60/40 |
| Heat Output | kBTU/h kW | 187.4 54.9 | 151.2 44.3 | 84.6 24.8 |
| Air Temperature rise | °F °C | 76.8 25 | 68.2 20 | 52.1 11 |
| Water Flow | USGPH l/s | 570.7 0.6 | 570.7 0.6 | 313.9 0.3 |

* Based on inlet/outlet and outlet water temperatures of 203 °F/128 °F (95°C/70°C)

Ambient (Unheated)



| GENERAL CHARACTERISTICS | | | | |
|-------------------------------|--------------------------|--|--|--|
| MODEL | | AC402-39A | AC402-59A | AC402-79A |
| Voltage | V/PH/Hz | 208/1/60 | | |
| Air Volume | cfm m ³ /h | 1942 3300 | 3532 6000 | 3826 6500 |
| Max. Door Height | ft m | 18 5.5 | | |
| Length | ft mm | 3.3 1000 | 4.9 1500 | 6.6 2000 |
| Dimensions (L x W x H) | in mm | 44.4 x 14.7 x 16.7 1130 x 375 x 425 | 71.2 x 14.7 x 16.7 1810 x 375 x 425 | 83.2 x 14.7 x 16.7 2115 x 375 x 425 |
| Weight | lb kg | 55.1 25 | 87.1 39.5 | 100.3 45.5 |
| Motor Input | hp W | 0.6 450 | 1.2 900 | 1.2 900 |
| Max. Current | A | 2.2 | 4.2 | 4.2 |
| Sound Level at 5 m (distance) | dB(A) | 64 | 66 | 67 |