

# wakefield-vette

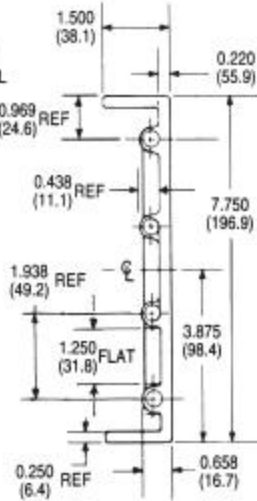
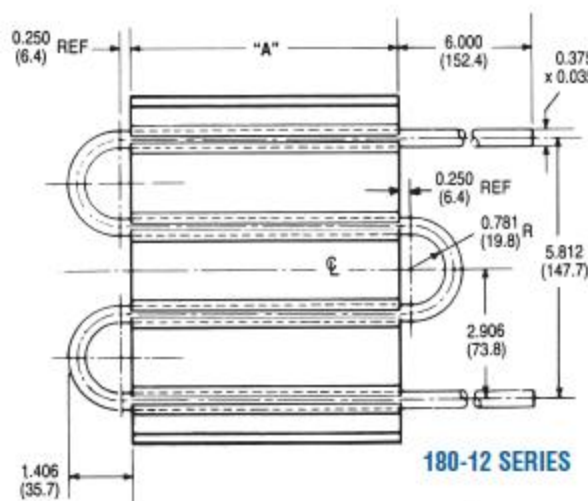
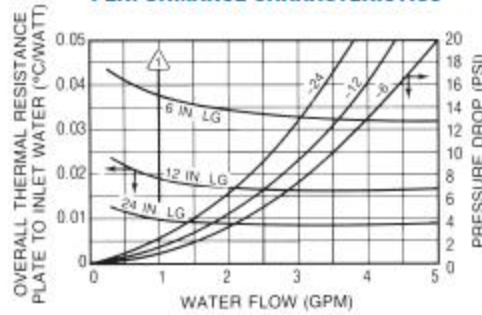
| Standard P/N | Cold Plate Body Nominal Dimensions |                |                    | Mounting Surfaces | Overall Thermal Resistance (Plate to Inlet Water) |                     | Weight lbs (grams) |
|--------------|------------------------------------|----------------|--------------------|-------------------|---------------------------------------------------|---------------------|--------------------|
|              | Length "A" in. (mm)                | Width in. (mm) | Thickness in. (mm) |                   | Overall Length in. (mm)                           |                     |                    |
| 180-12-6C    | 6.000 (152.4)                      | 7.750 (196.9)  | 0.658 (16.7)       | Single            | 13.406 (340.5)                                    | 0.038°C/W @ 1.0 GPM | 2.270 (1029.67)    |
| 180-12-12C   | 12.000 (304.8)                     | 7.750 (196.9)  | 0.658 (16.7)       | Single            | 19.406 (492.9)                                    | 0.018°C/W @ 1.0 GPM | 4.300 (1950.48)    |
| 180-12-24C   | 24.000 (609.6)                     | 7.750 (196.9)  | 0.658 (16.7)       | Single            | 31.406 (797.7)                                    | 0.009°C/W @ 1.0 GPM | 8.600 (3900.96)    |
| 180-20-6C    | 6.000 (152.4)                      | 5.500 (139.7)  | 0.690 (17.5)       | Double            | 13.125 (333.4)                                    | 0.038°C/W @ 1.0 GPM | 1.090 (494.42)     |

## LOCAL THERMAL RESISTANCE PER DEVICE PLATE TO INLET WATER (°C/WATT)

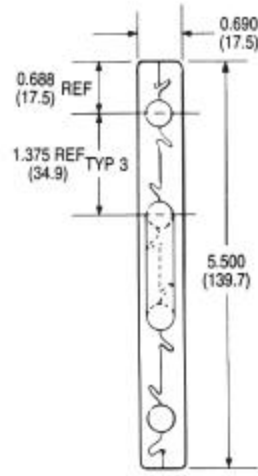
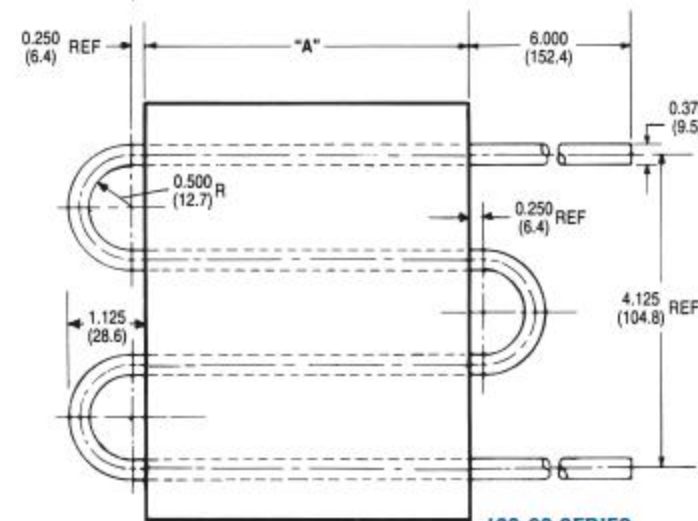
| Q to Q Device Spacing Inches | Flow - GPM |      |      |      |      |
|------------------------------|------------|------|------|------|------|
|                              | 1/2        | 1    | 2    | 3    | 4    |
| 1.0 (25.4)                   | 0.76       | 0.67 | 0.62 | 0.59 | 0.57 |
| 2.0 (50.8)                   | 0.58       | 0.49 | 0.43 | 0.40 | 0.39 |
| 3.0 (76.2)                   | 0.42       | 0.34 | 0.30 | 0.28 | 0.27 |

## MECHANICAL DIMENSIONS

## PERFORMANCE CHARACTERISTICS



| Standard P/N | Length "A" in. (mm) |
|--------------|---------------------|
| 180-12-6C    | 6.000 (152.4)       |
| 180-12-12C   | 12.000 (304.8)      |
| 180-12-24C   | 24.000 (609.6)      |
| 180-20-6C    | 6.000 (152.4)       |



Dimensions: in. (mm)