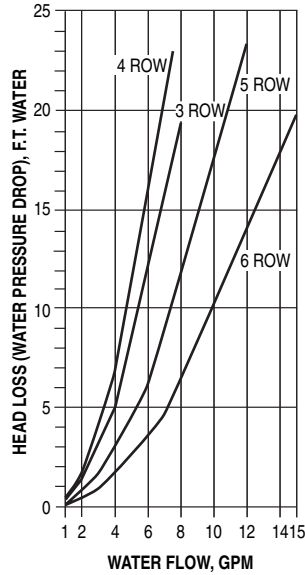
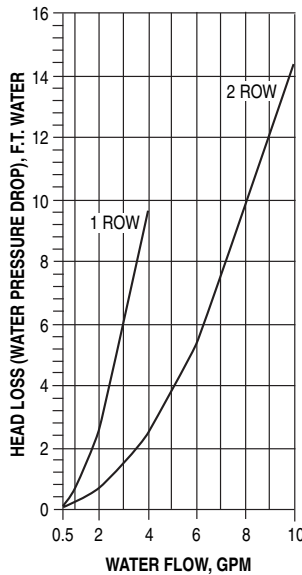


Model Series 38F • Underfloor Fan Coil Units Performance Data • Pressure Drop - Unit Size 1

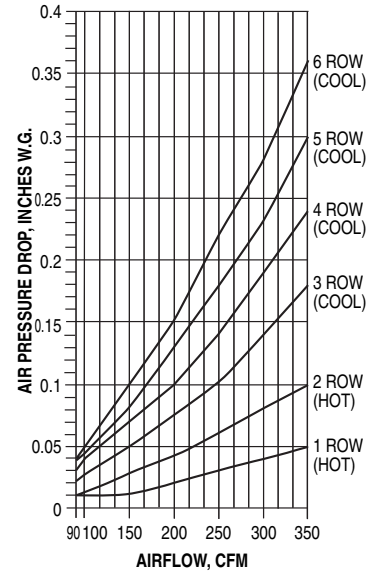
Chilled Water Pressure Drop



Hot Water Pressure Drop



Chilled and Hot Water Air Pressure Drop



Metric Conversion Factors:

1. Water Flow (liters per second)
 $l/s = gpm \times 0.6309$
2. Water Head Loss (kilopascals):
 $kPa = ft. w.g. \times 2.9837$
3. Airflow Volume (liters per second)
 $l/s = CFM \times 0.472$

4. Air Pressure Drop (Pascals):
 $Pa = in. w.g. \times 248.6$
5. Heat (kilowatts):
 $kW = Mbh \times 0.293$
6. Air Temperature Rise.
 $ATR = 927 \times \frac{Mbh}{CFM}$

7. Water Temp. Drop.
 $WTD = 2.04 \times \frac{Mbh}{GPM}$
8. Connections:
1 Row 1/2" (13) O.D. male solder.

