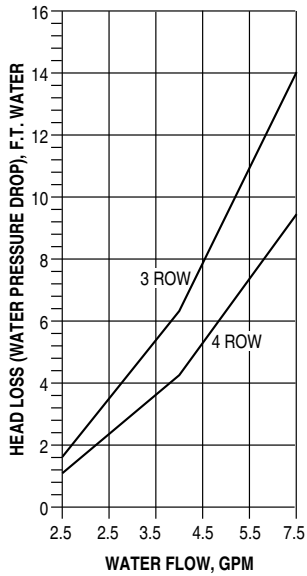


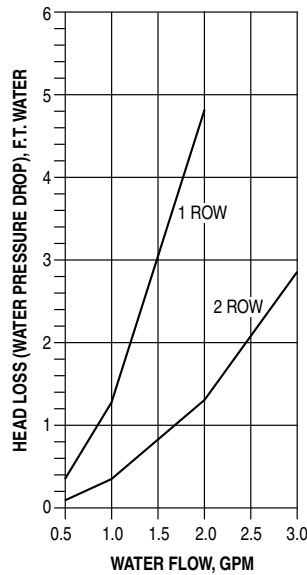
Model Series 40H • Coil Performance Data • Pressure Drop

Unit Size 12

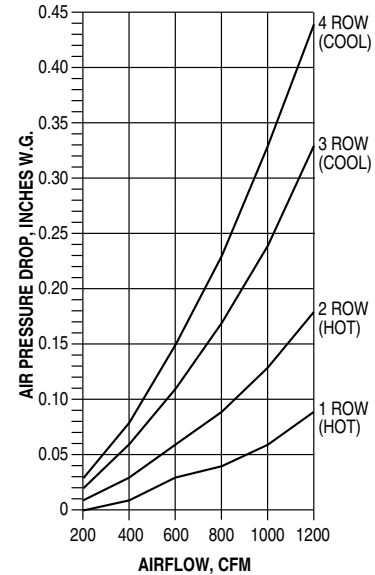
Chilled Water Pressure Drop



Hot Water Pressure Drop

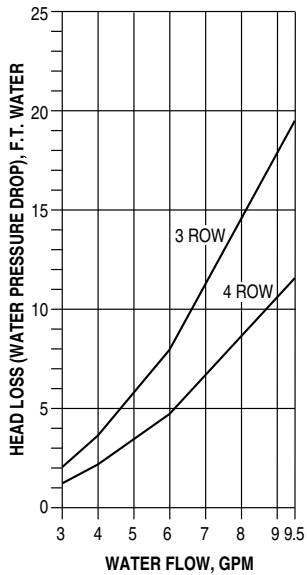


Chilled and Hot Water Air Pressure Drop

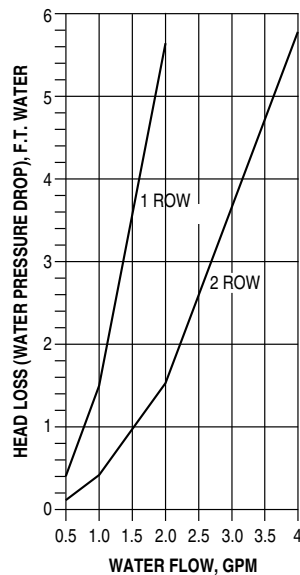


Unit Size 15

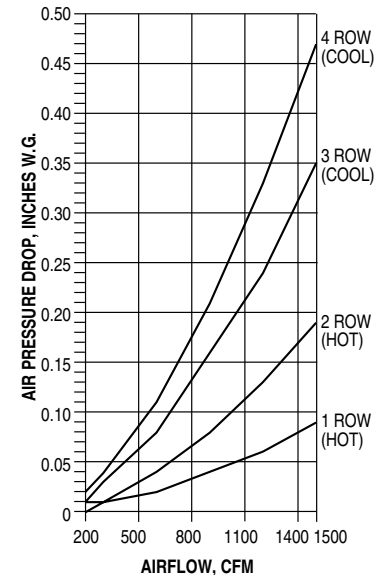
Chilled Water Pressure Drop



Hot Water Pressure Drop



Chilled and Hot Water Air Pressure Drop



Metric Conversion Factors:

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

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

7. Water Temp. Drop.
 $WTD = 2.04 \times \frac{Mbh}{GPM}$

HORIZONTAL LOW PROFILE FAN COIL UNITS • IN ROOM

