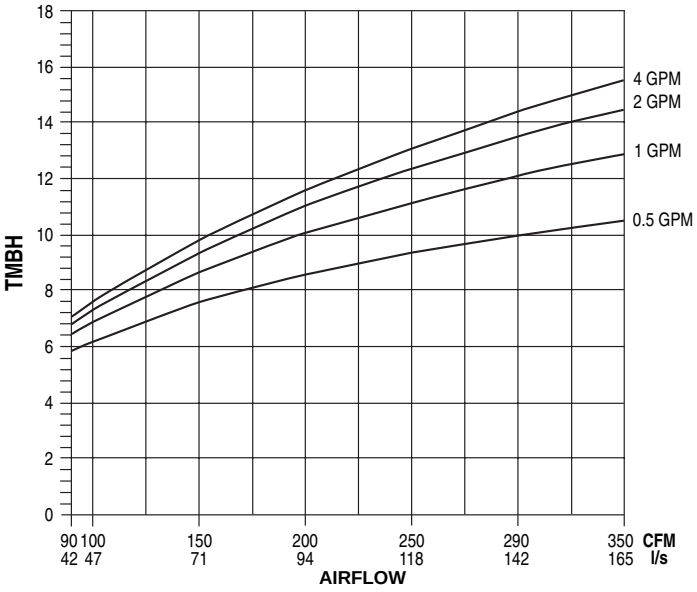
Model Series 38F • Underfloor Fan Coil Units

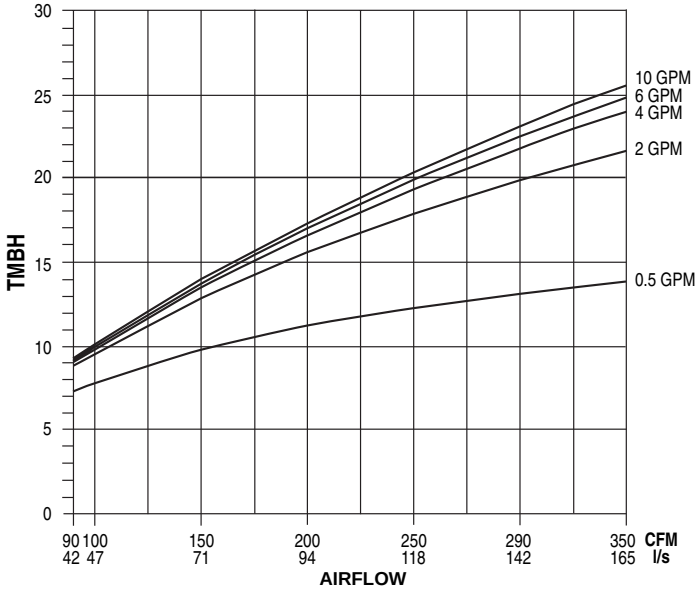
Performance Data • Hot Water Coils • Unit Size 1

Data Based on 70°F DB Entering Air & 180°F Entering Water

1 Row (Total MBH)



2 Row (Total MBH)



Notes:

1. Capacities are in Mbh (thousands of Btu per hour).
2. Mbh values are based on a ΔT (temperature difference) of 110°F between entering air and entering water. For other ΔT's; multiply the Mbh values by the factors below.
3. Air Temperature Rise. ATR = 927 x $\frac{\text{Mbh}}{\text{CFM}}$
4. Water Temp. Drop. WTD = 2.04 x $\frac{\text{Mbh}}{\text{GPM}}$
5. Connections: 1, 2 and 3 Row 7/8" (22); O.D. male solder.

Correction factors at other entering conditions:

ΔT °F	50	60	70	80	90	100	110	120	130	140	150
Factor	.455	.545	.636	.727	.818	.909	1.00	1.09	1.18	1.27	1.36

Altitude Correction Factors:

Altitude (ft.)	Sensible Heat Factor
0	1.00
2000	0.94
3000	0.90
4000	0.87
5000	0.84
6000	0.81
7000	0.78