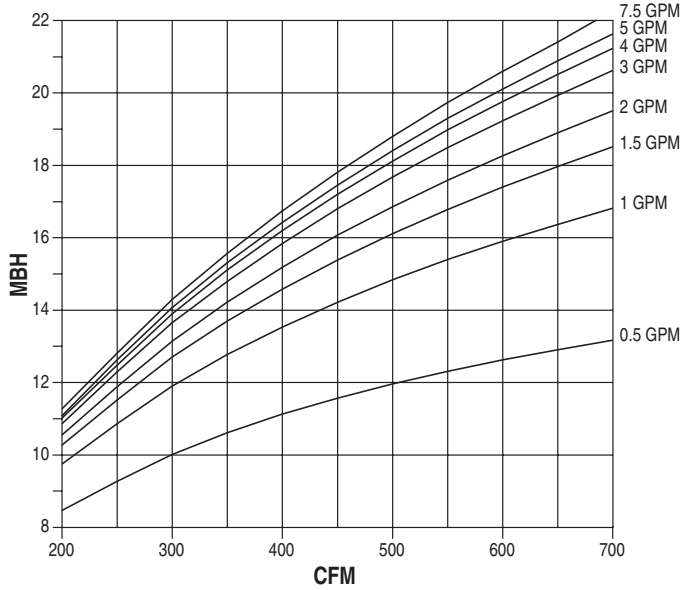


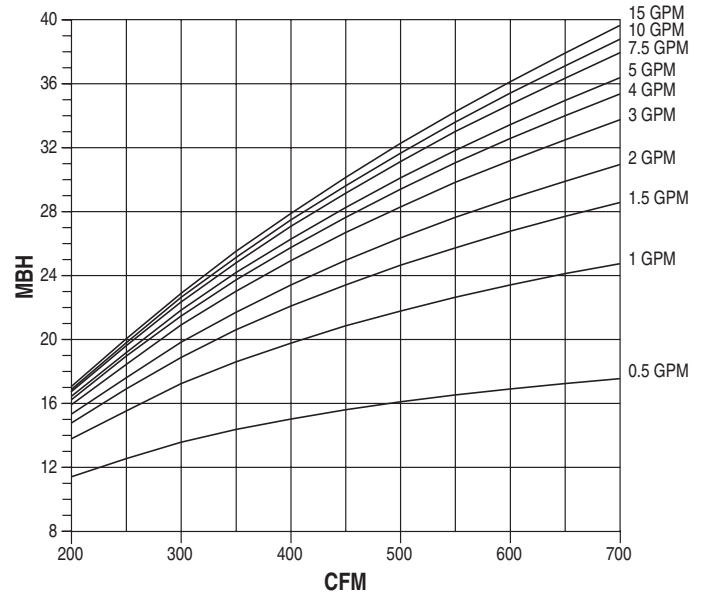
Hot Water Coil Performance Data

Model: 35NW • Parallel Flow • Unit Size 2

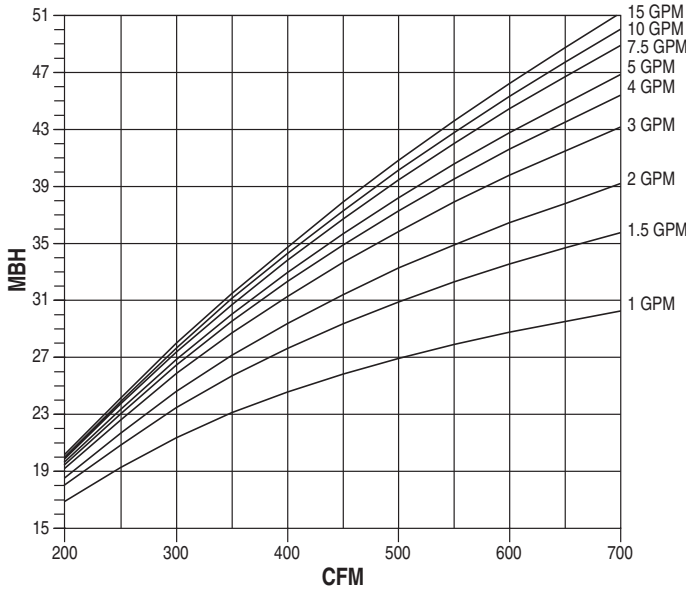
1 Row (single circuit)



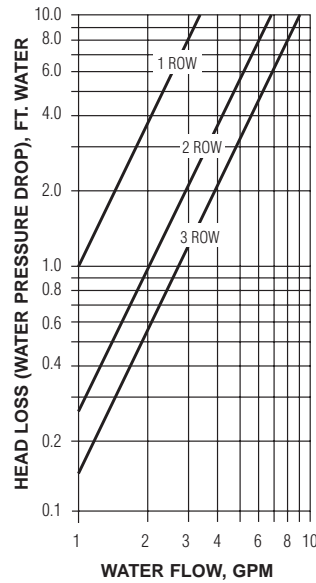
2 Row (multi-circuit)



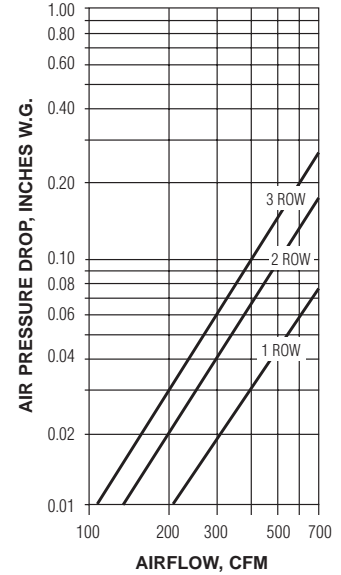
3 Row (multi-circuit)



Water Pressure Drop



Air Pressure Drop



Notes:

- Capacities are in Mbh (thousands of Btu per hour).
- 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.
- Air Temperature Rise. $ATR = 927 \times \frac{Mbh}{cfm}$
- Water Temp. Drop. $WTD = 2.04 \times \frac{Mbh}{GPM}$
- Connections: 1 Row 1/2" (13), 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

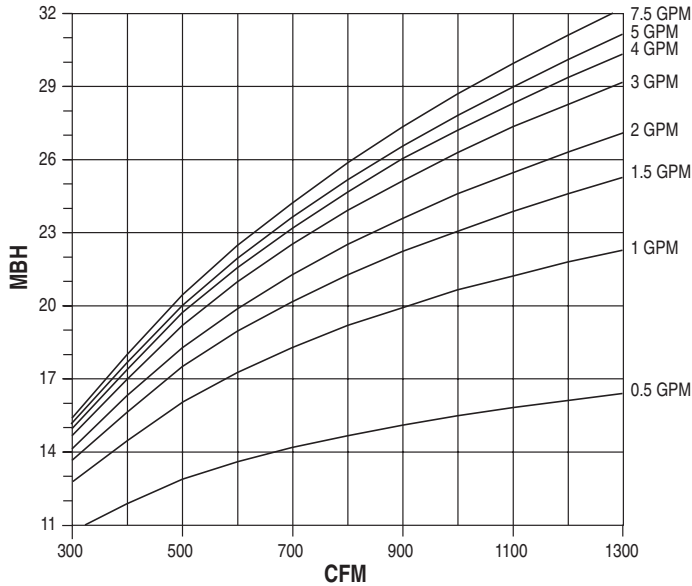
Altitude Correction Factors:

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

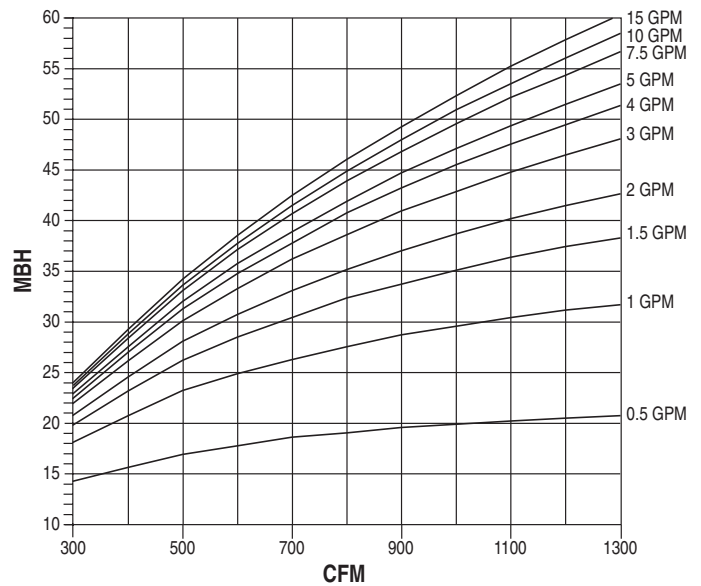
Hot Water Coil Performance Data

Model: 35NW • Parallel Flow • Unit Size 3

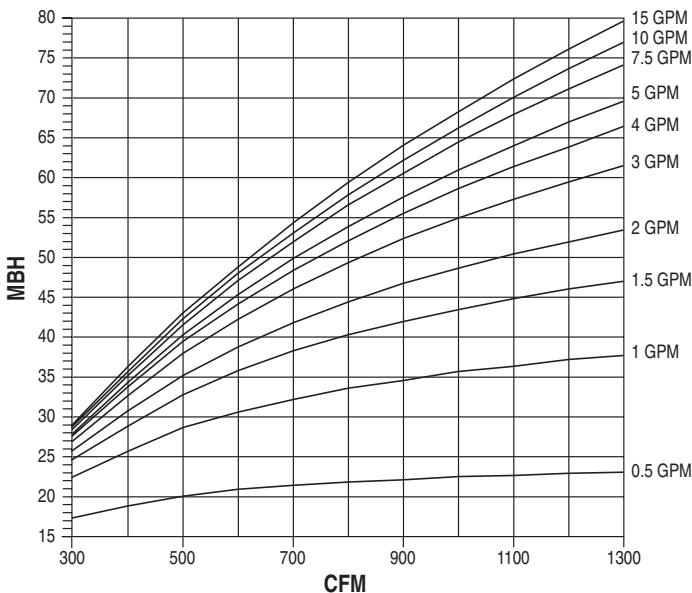
1 Row (single circuit)



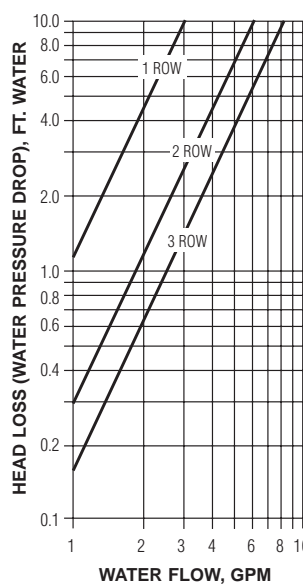
2 Row (multi-circuit)



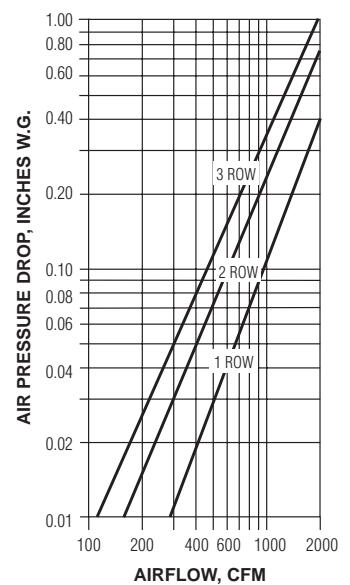
3 Row (multi-circuit)



Water Pressure Drop



Air Pressure Drop



Notes:

- Capacities are in Mbh (thousands of Btu per hour).
- 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.
- Air Temperature Rise. $ATR = \frac{927 \times Mbh}{cfm}$
- Water Temp. Drop. $WTD = \frac{2.04 \times Mbh}{GPM}$
- Connections: 1 Row 1/2" (13), 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

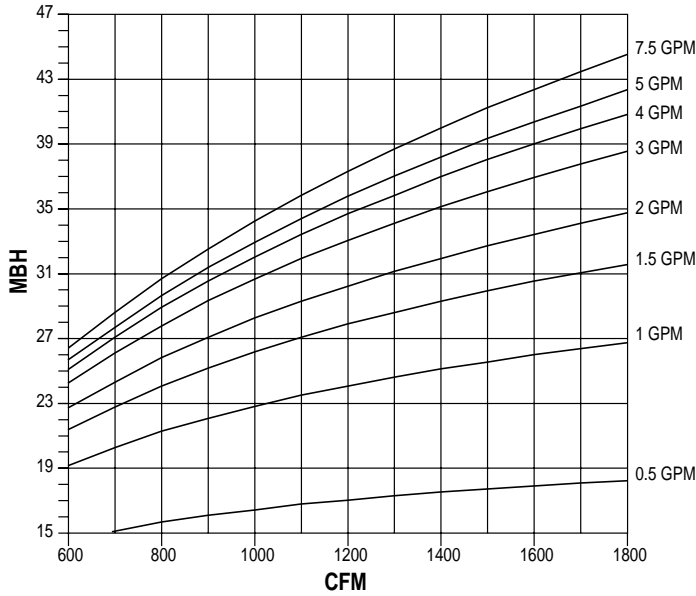
Altitude Correction Factors:

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

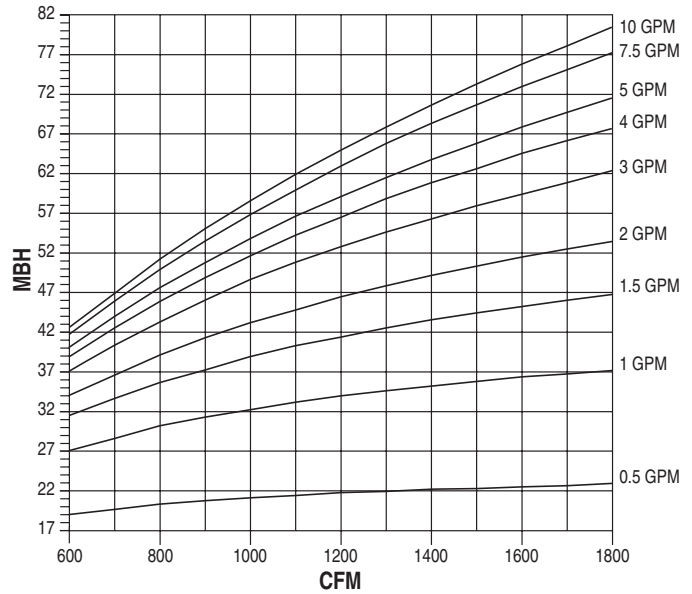
Hot Water Coil Performance Data

Model: 35NW • Parallel Flow • Unit Size 5

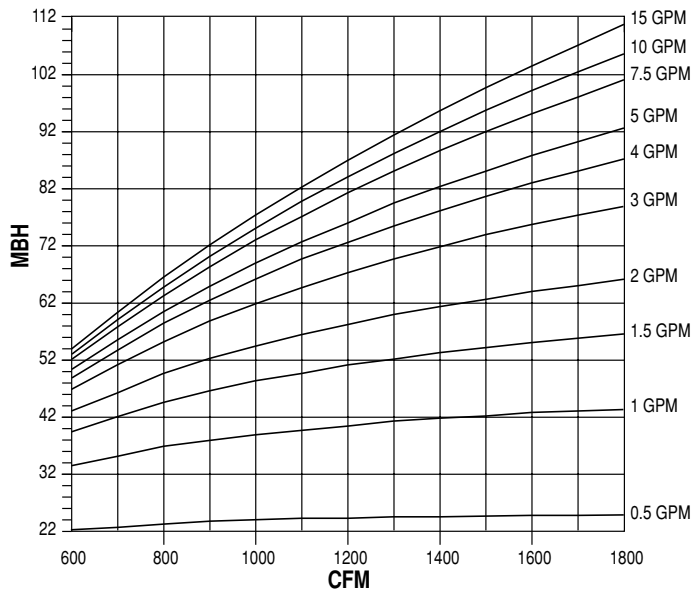
1 Row (multi-circuit)



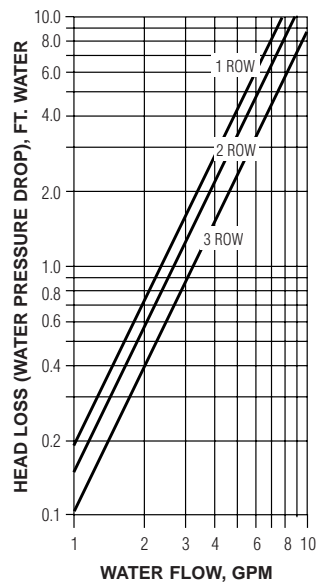
2 Row (multi-circuit)



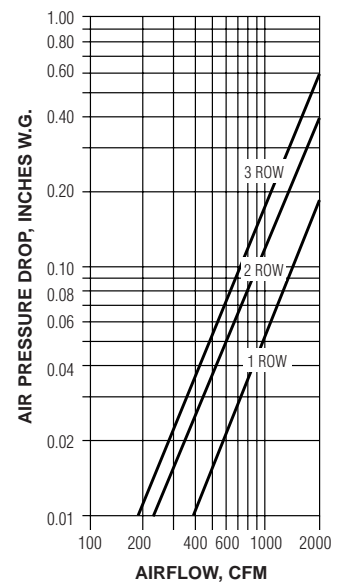
3 Row (multi-circuit)



Water Pressure Drop



Air Pressure Drop



Notes:

- Capacities are in Mbh (thousands of Btu per hour).
- 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.
- Air Temperature Rise. $ATR = 927 \times \frac{Mbh}{cfm}$
- Water Temp. Drop. $WTD = 2.04 \times \frac{Mbh}{GPM}$
- 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

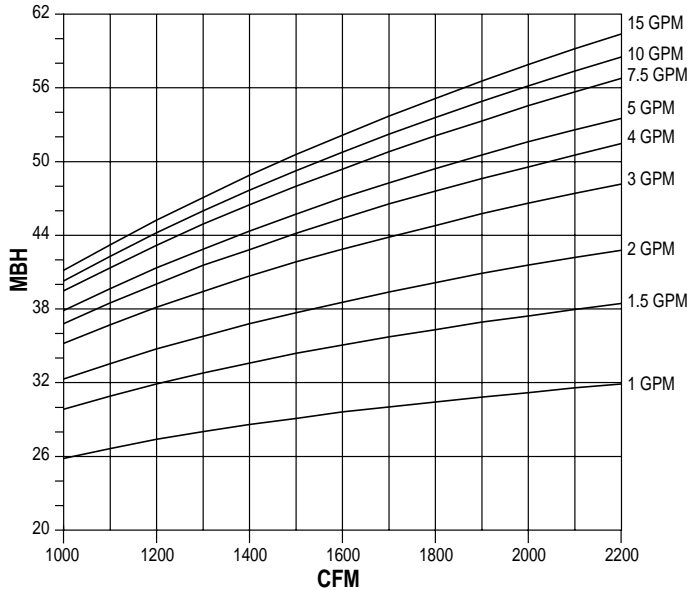
Altitude Correction Factors:

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

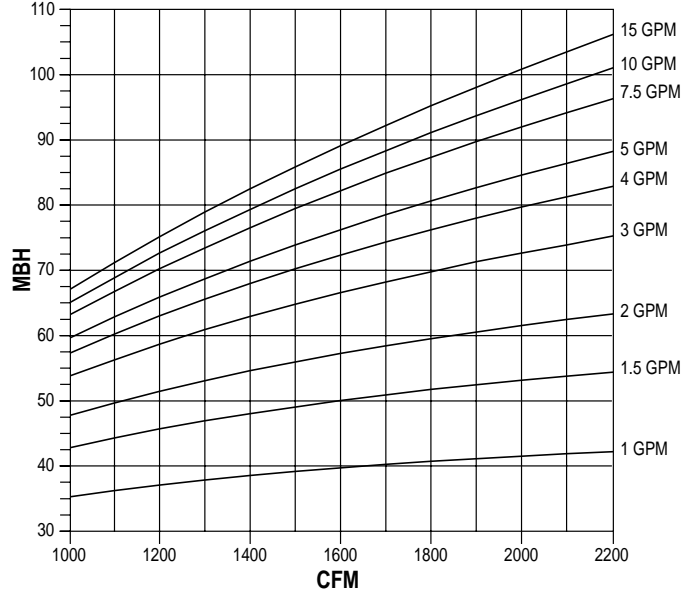
Hot Water Coil Performance Data

Model: 35NW • Parallel Flow • Unit Size 6

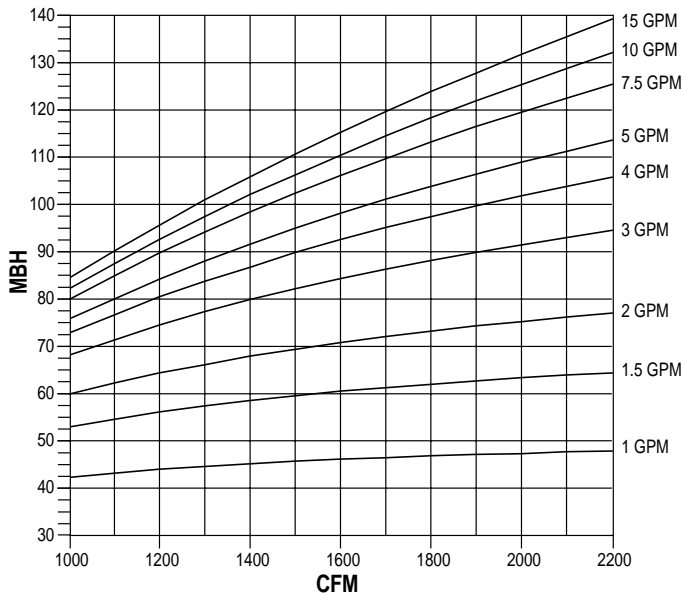
1 Row (multi-circuit)



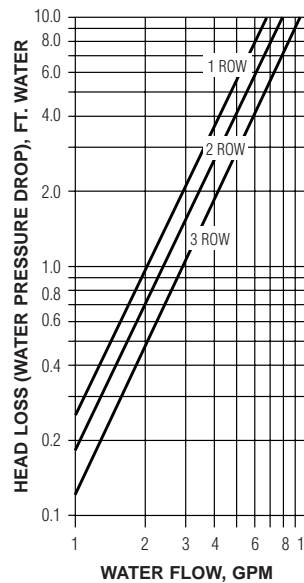
2 Row (multi-circuit)



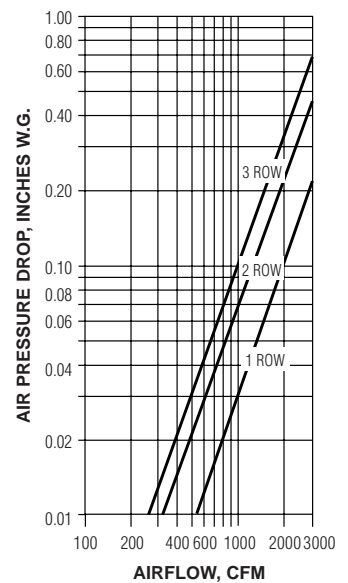
3 Row (multi-circuit)



Water Pressure Drop



Air Pressure Drop



Notes:

- Capacities are in Mbh (thousands of Btu per hour).
- 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.
- Air Temperature Rise. $ATR = 927 \times \frac{Mbh}{cfm}$
- Water Temp. Drop. $WTD = 2.04 \times \frac{Mbh}{GPM}$
- 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