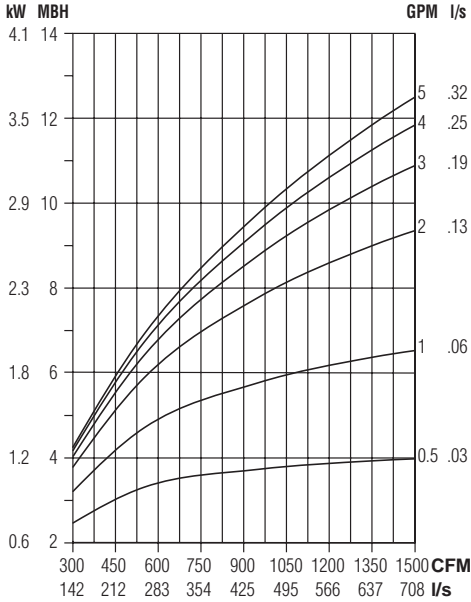


Performance Data • Sensible Chilled Water Coil

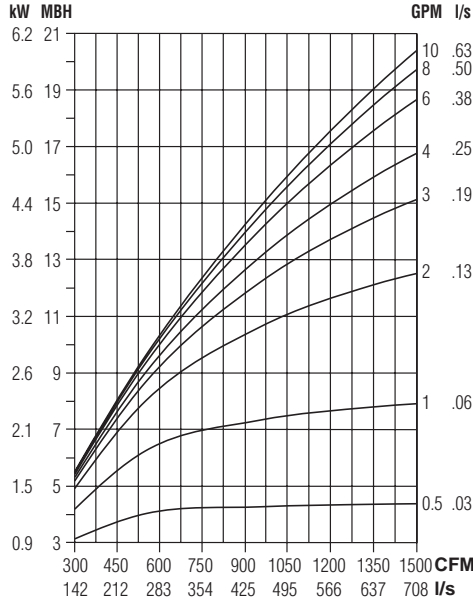
Models: 33SZ, 33SZE, 33SZW • FPCWTU (DOAS) • Series Flow

Unit Size 40

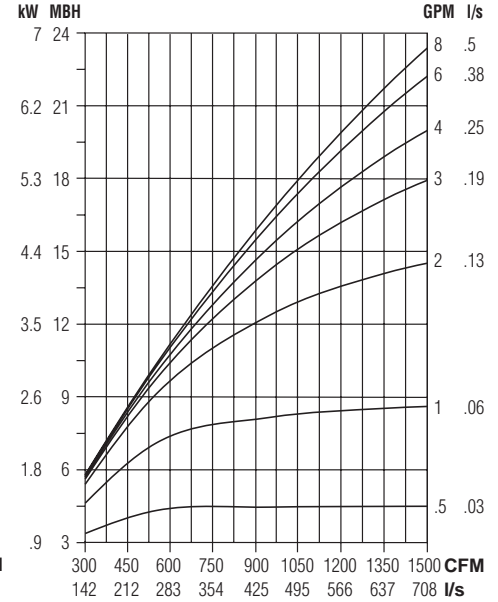
2 Row (multi-circuit)



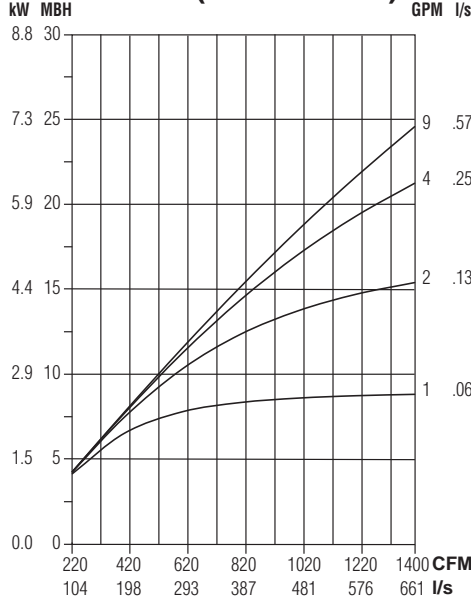
4 Row (multi-circuit)



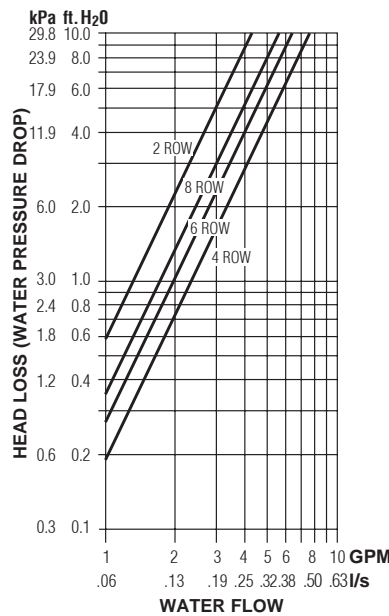
6 Row (multi-circuit)



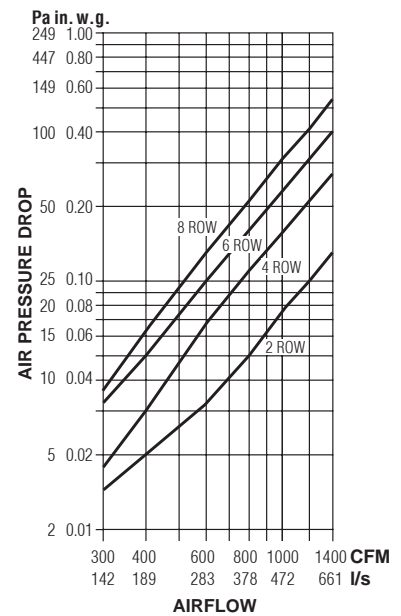
8 Row (multi-circuit)



Water Pressure Drop



Air Pressure Drop



NOTES:

- Capacities are in MBH (kW), **thousands of Btu per hour (kiloWatts)**.
- MBH (kW) values are based on:
57°F (32°C) Entering Water Temperature (EWT) and 75°F (42°C) Entering Air

Temperature (EAT). Entering water temperature must be above return air dew point to prevent condensation.

- Air Temperature Rise.

$$ATR (°F) = 927 \times \frac{MBH}{cfm}, ATR (°C) = 829 \times \frac{kW}{I/s}$$

- Water Temp. Drop.

$$WTD (°F) = 2.04 \times \frac{MBH}{GPM}, WTD (°C) = .224 \times \frac{kW}{I/s}$$

- Connections: 2, 4 & 6 Row: 7/8" (22) O.D. male solder.

Altitude Correction Factors:

| Attitude (ft.) | 0 | 1000 | 2000 | 3000 | 4000 | 5000 | 6000 | 7000 |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Air Density (lb./cu.ft.) | 0.075 | 0.072 | 0.070 | 0.067 | 0.065 | 0.063 | 0.060 | 0.058 |
| Sensible Capacity | 1000 | 0.960 | 0.930 | 0.900 | 0.860 | 0.830 | 0.800 | 0.700 |

FAN POWERED TERMINAL UNITS

