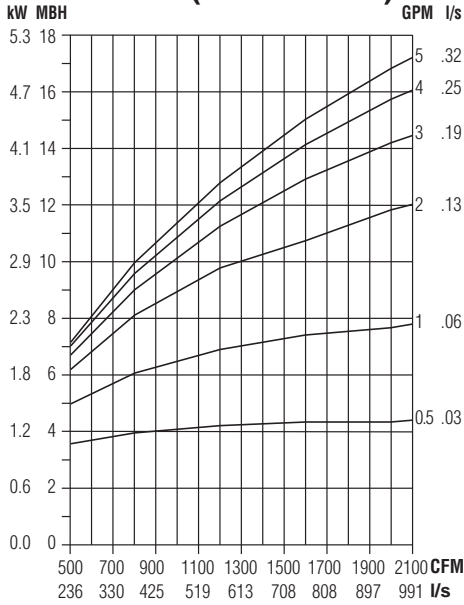


## Performance Data • Sensible Chilled Water Coil

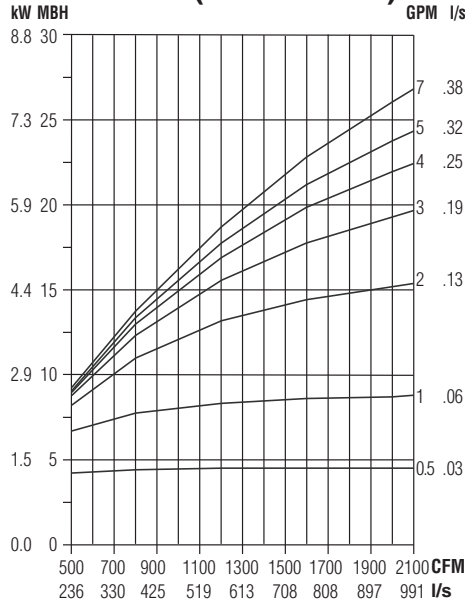
Models: 33SZ, 33SZE, 33SZW • FPCWTU (DOAS) • Series Flow

### Unit Size 55

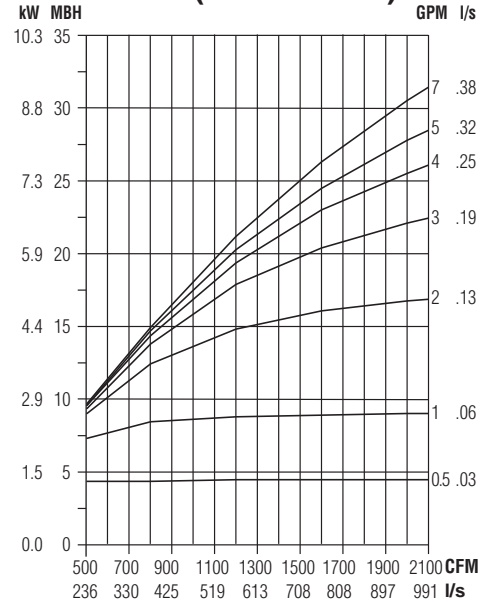
**2 Row (multi-circuit)**



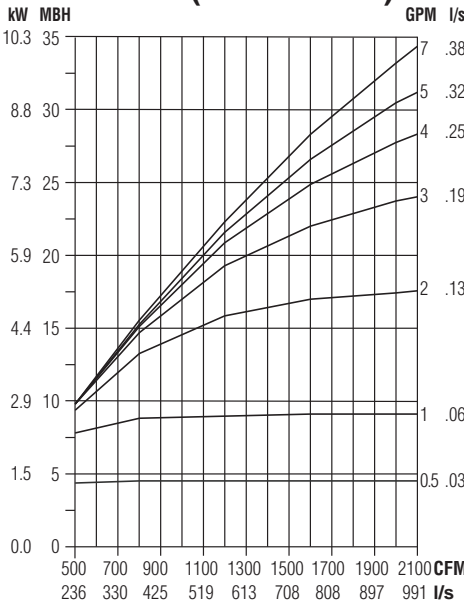
**4 Row (multi-circuit)**



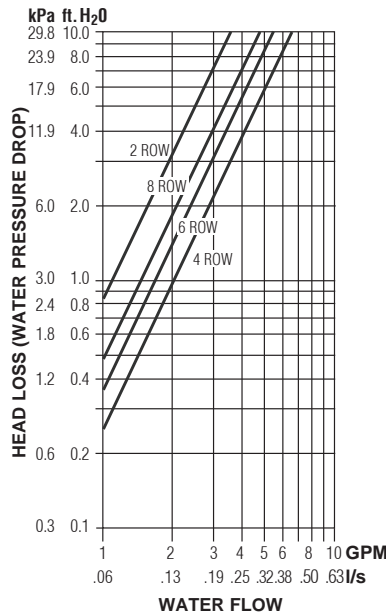
**6 Row (multi-circuit)**



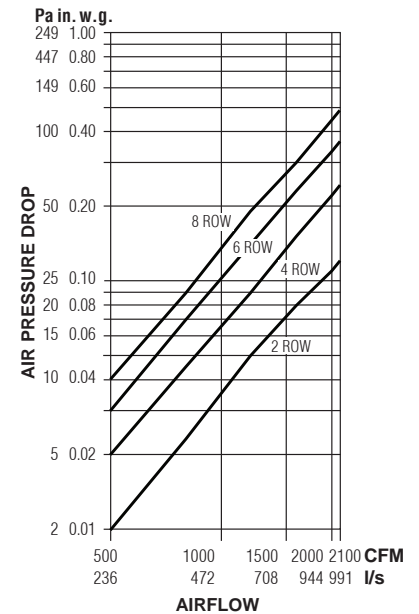
**8 Row (multi-circuit)**



**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
- Air Temperature Rise.  
 $ATR (°F) = 927 \times \frac{MBH}{cfm}$ ,  $ATR (°C) = 829 \times \frac{kW}{l/s}$

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

- Water Temp. Drop.  
 $WTD (°F) = 2.04 \times \frac{MBH}{GPM}$ ,  $WTD (°C) = .224 \times \frac{kW}{l/s}$
- Connections: 2, 4, 6 & 8 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

