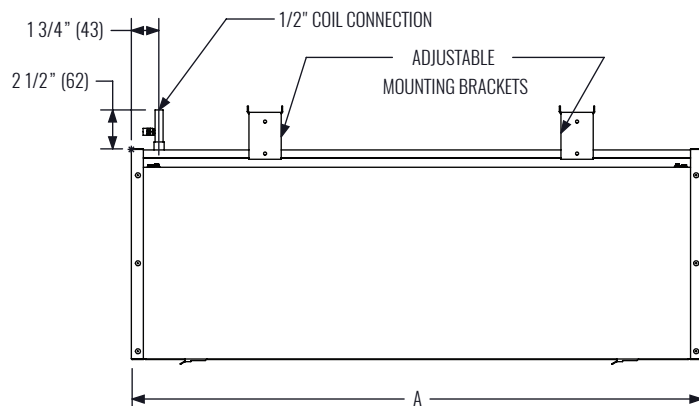
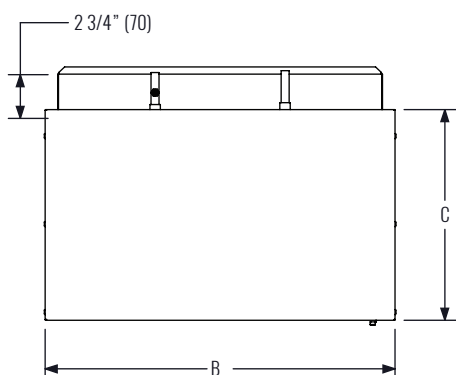
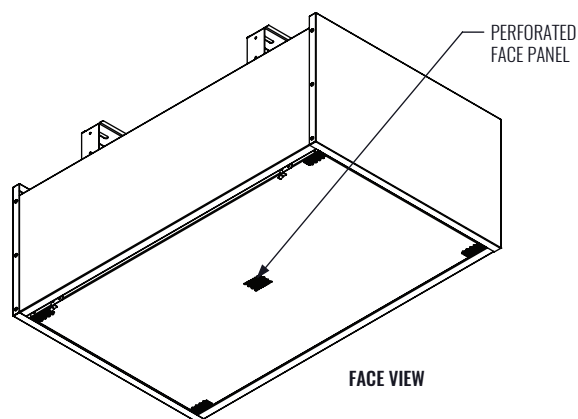


DIMENSIONAL DATA



SIDE VIEW



FACE VIEW

NOMINAL LENGTH	A	NOMINAL WIDTH	B
2 ft	23 7/8" (607)	13"	12 3/4" (324)
3 ft	35 7/8" (911)	18"	17 3/4" (425)
4 ft	47 7/8" (1216)	24"	23 3/4" (450)
5 ft	59 7/8" (1520)		
6 ft	71 7/8" (1825)		
7 ft	83 7/8" (2130)		
8 ft	95 7/8" (2435)		
9 ft	107 7/8" (2740)		
10 ft	119 7/8" (3045)		

NOMINAL HEIGHT	C
8"	9 1/8" (232)
10"	11 1/8" (283)
12"	13 1/8" (333)

NOTE: Dimensions in parentheses are in millimeters.

SENSIBLE COOLING CAPACITY

CHILLED WATER FLOW RATE, GPM													
NOMINAL LENGTH ft	NOMINAL WIDTH in	0.75		1.0		1.25		1.5		1.75		2.00	
		Q _{SENS} Btu/h	ΔP _w ft wg	Q _{SENS} Btu/h	ΔP _w ft wg	Q _{SENS} Btu/h	ΔP _w ft wg	Q _{SENS} Btu/h	ΔP _w ft wg	Q _{SENS} Btu/h	ΔP _w ft wg	Q _{SENS} Btu/h	ΔP _w ft wg
4	13	637	0.33	691	0.75	733	1.17	765	1.62	785	2.16	795	2.69
	18	859	0.46	932	1.06	989	1.64	1,032	2.26	1,060	3.02	1,073	3.77
	24	1,163	0.60	1,212	1.36	1,261	2.11	1,310	2.91	1,359	3.88	1,408	4.84
6	13	955	0.45	1,036	1.05	1,100	1.63	1,147	2.24	1,178	2.97	1,193	3.70
	18	1,289	0.63	1,398	1.46	1,484	2.28	1,548	3.13	1,590	4.16	1,610	5.18
	24	1,745	0.81	1,818	1.88	1,892	2.93	1,964	4.02	2,038	5.34	2,111	6.66
8	13	1,273	0.57	1,381	1.34	1,467	2.08	1,529	2.85	1,571	3.78	1,591	4.71
	18	1,719	0.79	1,864	1.87	1,979	2.91	2,064	4.00	2,120	5.30	2,147	6.59
	24	2,326	1.02	2,424	2.41	2,522	3.75	2,619	5.14	2,717	6.81	2,815	8.47
10	13	1,592	0.68	1,727	1.63	1,833	2.54	1,912	3.47	1,963	4.59	1,988	5.71
	18	2,148	0.96	2,330	2.28	2,473	3.55	2,580	4.86	2,650	6.43	2,683	8.00
	24	2,908	1.23	3,030	2.94	3,153	4.56	3,274	6.25	3,396	8.27	3,519	10.28

PERFORMANCE DATA

PERFORMANCE BASED ON:

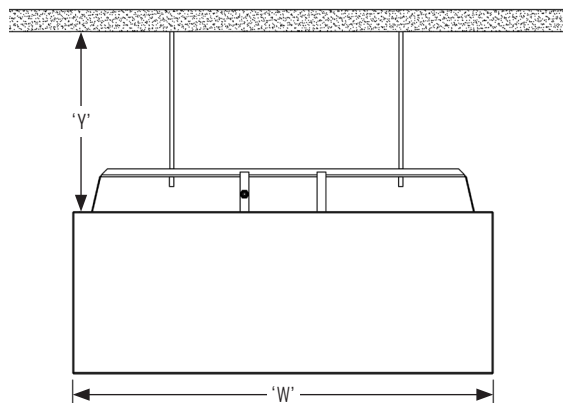
- Unit height of 10". Correction factors for other unit heights are shown in table 1 below.
- Distance (Y) between top of beam and horizontal surface equal to 30% of coil width (W). For other values of Y/W see table 2 below.
- Free area for room air to enter ceiling cavity equal to free area of beam discharge into space.
- Based on an 18°F ΔT between entering air and entering chilled water. Correction factors for other ΔT values are shown in table 4 below.

TABLE 1: CORRECTION FOR UNIT HEIGHT

UNIT HEIGHT	8	10	12
MULTIPLY TABLE VALUE BY:	0.95	1.00	1.05

TABLE 2: CORRECTION FOR DISTANCE BELOW STRUCTURE VERSUS UNIT WIDTH (Y/W)

Y/W	0.10	0.20	0.30	0.40	0.50
MULTIPLY TABLE VALUE BY:	0.66	0.92	1.00	1.03	1.04


TABLE 3: CORRECTION FOR (ΔT) BETWEEN ENTERING AIR* AND ENTERING CHILLED WATER

ACTUAL ΔT	10	12	14	16	18	20	22	24
MULTIPLY TABLE VALUE BY:	0.56	0.67	0.78	0.89	1.00	1.11	1.22	1.33

*NOTES: Entering air temperature is typically 2-3°F above room temperature for exposed and standard recessed installations. When beams are installed above a adjacent to the perimeter glazing, entering air temperature is typically 5 to 7°F above that of the room.

LEGEND:

Q_{SENS} = Sensible Capacity, Coil [Btu/h]

ΔP_w = Water coil pressure drop [ft wg]