

# SERIES FAN-POWERED AIR TERMINAL UNIT SCHEDULE

SYMBOL	MAX. PRIMARY CFM	MIN. PRIMARY CFM	SIZE	UNIT APD (in. wg)	FAN DATA				HYDRONIC COIL DATA										SOUND DATA					BRANCH PIPING SIZE	MODEL	REMARKS
					FAN CFM	E.S.P. (in.wg)	FAN H.P.	ELECTRICAL	HEAT CFM	EAT (°F)	LAT (°F)	FLUID GPM	CAPACITY MBH	EWT (°F)	LWT (°F)	COIL APD (in.wg)	COIL ROWS	WPD (ft. hd)	INLET S.P. (in wg)	RAD. NC	DIS. NC					
FPV-1	860	490	Unit Size 3 w/ 10" Inlet Size	0.31	860	0.5	1/3	120-1-60	490	55.0	95.1	2.6	29.2	150.0	127.1	0.24	2	2.0	1.0"	42	39	3/4"	45Q	LOW PROFILE BOX		
FPV-2	720	470	Unit Size 3 w/ 10" Inlet Size	0.22	720	0.5	1/3	120-1-60	470	55.0	95.4	2.0	25.8	150.0	123.7	0.18	2	1.3	1.0"	40	35	3/4"	45Q	LOW PROFILE BOX		
FPV-3	720	470	Unit Size 3 w/ 10" Inlet Size	0.22	720	0.5	1/3	120-1-60	470	55.0	95.4	2.0	25.8	150.0	123.7	0.18	2	1.3	1.0"	40	35	3/4"	45Q	LOW PROFILE BOX		
FPV-4	740	470	Unit Size 3 w/ 10" Inlet Size	0.23	740	0.5	1/3	120-1-60	470	55.0	95.2	2.0	26.0	150.0	123.5	0.19	2	1.3	1.0"	40	35	3/4"	45Q	LOW PROFILE BOX		
FPV-5	810	500	Unit Size 3 w/ 10" Inlet Size	0.27	810	0.5	1/3	120-1-60	500	55.0	95.1	2.3	27.7	150.0	125.4	0.22	2	1.6	1.0"	42	36	3/4"	45Q	LOW PROFILE BOX		
FPV-6	680	470	Unit Size 3 w/ 10" Inlet Size	0.20	680	0.5	1/3	120-1-60	470	55.0	96.1	1.9	24.8	150.0	123.4	0.16	2	1.2	1.0"	39	34	3/4"	45Q	LOW PROFILE BOX		
FPV-7	680	470	Unit Size 3 w/ 10" Inlet Size	0.20	680	0.5	1/3	120-1-60	470	55.0	96.1	1.9	24.8	150.0	123.4	0.16	2	1.2	1.0"	39	34	3/4"	45Q	LOW PROFILE BOX		
FPV-8	790	470	Unit Size 3 w/ 10" Inlet Size	0.26	790	0.5	1/3	120-1-60	470	55.0	95.1	2.1	26.7	150.0	124.0	0.21	2	1.4	1.0"	42	36	3/4"	45Q	LOW PROFILE BOX		
FPV-9	850	480	Unit Size 3 w/ 10" Inlet Size	0.30	850	0.5	1/3	120-1-60	480	55.0	95.1	2.4	28.4	150.0	125.9	0.24	2	1.7	1.0"	42	39	3/4"	45Q	LOW PROFILE BOX		
FPV-10	960	480	Unit Size 3 w/ 10" Inlet Size	0.37	960	0.5	1/3	120-1-60	480	55.0	95.1	3.0	31.2	150.0	128.8	0.30	2	2.6	1.0"	44	41	1"	45Q	LOW PROFILE BOX		
FPV-11	730	470	Unit Size 3 w/ 10" Inlet Size	0.23	730	0.5	1/3	120-1-60	470	55.0	95.7	2.0	25.7	150.0	123.8	0.18	2	1.3	1.0"	40	35	3/4"	45Q	LOW PROFILE BOX		
FPV-12	840	470	Unit Size 3 w/ 10" Inlet Size	0.29	840	0.5	1/3	120-1-60	470	55.0	95.0	2.3	27.9	150.0	125.2	0.23	2	1.6	1.0"	42	39	3/4"	45Q	LOW PROFILE BOX		
FPV-13	730	470	Unit Size 3 w/ 10" Inlet Size	0.23	730	0.5	1/3	120-1-60	470	55.0	95.3	1.9	25.4	150.0	122.8	0.18	2	1.2	1.0"	40	35	3/4"	45Q	LOW PROFILE BOX		
FPV-14	840	470	Unit Size 3 w/ 10" Inlet Size	0.29	840	0.5	1/3	120-1-60	470	55.0	95.0	2.3	27.9	150.0	125.2	0.23	2	1.6	1.0"	42	39	3/4"	45Q	LOW PROFILE BOX		
FPV-15	540	170	Unit Size 3 w/ 8" Inlet Size	0.13	540	0.5	1/3	120-1-60	170	55.0	95.3	0.8	16.1	150.0	109.5	0.11	2	0.3	1.0"	33	26	3/4"	45Q	LOW PROFILE BOX		
FPV-16	740	470	Unit Size 3 w/ 10" Inlet Size	0.23	740	0.5	1/3	120-1-60	470	55.0	95.2	2.0	26.0	150.0	123.5	0.19	2	1.3	1.0"	40	35	3/4"	45Q	LOW PROFILE BOX		
FPV-17	360	240	Unit Size 3 w/ 6" Inlet Size	0.06	360	0.5	1/3	120-1-60	240	55.0	97.1	0.6	13.4	150.0	107.3	0.05	2	0.2	1.0"	27	18	3/4"	45Q	LOW PROFILE BOX		
FPV-18	690	470	Unit Size 3 w/ 10" Inlet Size	0.20	690	0.5	1/3	120-1-60	470	55.0	95.5	1.8	24.6	150.0	122.2	0.17	2	1.0	1.0"	39	34	3/4"	45Q	LOW PROFILE BOX		
FPV-19	770	470	Unit Size 3 w/ 10" Inlet Size	0.25	770	0.5	1/3	120-1-60	470	55.0	95.0	2.0	26.2	150.0	123.3	0.20	2	1.3	1.0"	41	36	3/4"	45Q	LOW PROFILE BOX		
FPV-20	680	470	Unit Size 3 w/ 10" Inlet Size	0.20	680	0.5	1/3	120-1-60	470	55.0	96.1	1.9	24.8	150.0	123.4	0.16	2	1.2	1.0"	39	34	3/4"	45Q	LOW PROFILE BOX		
FPV-21	780	470	Unit Size 3 w/ 10" Inlet Size	0.26	780	0.5	1/3	120-1-60	470	55.0	95.2	2.1	26.6	150.0	124.1	0.21	2	1.4	1.0"	41	36	3/4"	45Q	LOW PROFILE BOX		
FPV-22	790	470	Unit Size 3 w/ 10" Inlet Size	0.26	790	0.5	1/3	120-1-60	470	55.0	95.1	2.1	26.7	150.0	124.0	0.21	2	1.4	1.0"	42	36	3/4"	45Q	LOW PROFILE BOX		
FPV-23	860	470	Unit Size 3 w/ 10" Inlet Size	0.31	860	0.5	1/3	120-1-60	470	55.0	95.5	2.6	29.0	150.0	127.2	0.24	2	2.0	1.0"	42	39	3/4"	45Q	LOW PROFILE BOX		
FPV-24	790	480	Unit Size 3 w/ 10" Inlet Size	0.26	790	0.5	1/3	120-1-60	480	55.0	95.3	2.2	27.1	150.0	124.9	0.21	2	1.5	1.0"	42	36	3/4"	45Q	LOW PROFILE BOX		
FPV-25	1090	550	Unit Size 6 w/ 10" Inlet Size	0.14	1090	0.5	1	120-1-60	550	55.0	96.8	1.8	37.6	150.0	107.4	0.11	2	2.0	1.0"	43	26	3/4"	45J	STANDARD HEIGHT BOX		
FPV-26	1260	470	Unit Size 6 w/ 12" Inlet Size	0.18	1260	0.5	1	120-1-60	470	55.0	95.4	1.8	38.8	150.0	106.1	0.14	2	2.0	1.0"	43	28	3/4"	45J	STANDARD HEIGHT BOX		
FPV-27	330	200	Unit Size 3 w/ 6" Inlet Size	0.05	330	0.5	1/3	120-1-60	200	55.0	97.9	0.6	12.3	150.0	106.1	0.05	2	0.1	1.0"	26	18	3/4"	45Q	LOW PROFILE BOX		
FPV-28	310	170	Unit Size 3 w/ 6" Inlet Size	0.05	310	0.5	1/3	120-1-60	170	55.0	98.4	0.5	11.4	150.0	105.2	0.04	2	0.1	1.0"	25	16	3/4"	45Q	LOW PROFILE BOX		
FPV-29	790	240	Unit Size 6 w/ 10" Inlet Size	0.08	790	0.8	1	120-1-60	240	55.0	95.5	1.0	25.5	150.0	98.0	0.06	2	0.7	1.0"	38	21	3/4"	45J	STANDARD HEIGHT BOX		

NOTES: 1. MODEL NUMBERS ARE INDICATED FOR REFERENCE ONLY. THE DUTIES AND CAPACITIES ARE TO BE USED FOR FINAL UNIT SELECTION BY THE MANUFACTURER. 2. PROVIDE FACTORY MOUNTED DISCONNECT FOR ALL UNITS.

## SHUT-OFF AIR TERMINAL UNIT SCHEDULE

SHUT-OFF AIR TERMINAL UNIT SCHEDULE																		BASIS OF DESIGN: CARRIER	
SYMBOL	COOLING CFM		BOX INLET SIZE	UNIT APD (BOX X COIL)	HYDRONIC COIL DATA									SOUND DATA			BRANCH PIPING SIZE	MODEL	REMARKS
	MAX	MIN			HEATING CFM	EAT (°F)	LAT (°F)	GPM	MBH	EWT (°F)	LWT (°F)	ROWS	WPD	INLET S.P.	DISCHARGE NC	RADIATED NC			
SOV-1	480	310	7 Inch	0.62	310	55.0	100.5	0.8	15.2	150	112.6	3	0.2	1.0"	20	13	3/4"	35E	
SOV-2	860	260	10 Inch	0.85	550	55.0	99.1	1.5	28.2	150	113.67	3	0.4	1.0"	15	7	3/4"	35E	
SOV-3	280	100	6 Inch	0.29	180	55.0	95.2	0.5	7.8	150	120.5	2	0.1	1.0"	16	13	3/4"	35E	
SOV-4	500	150	8 Inch	0.64	340	55.0	99.5	0.9	16.4	150	113.34	3	0.2	1.0"	18	14	3/4"	35E	
SOV-5	860	260	10 Inch	0.85	520	55.0	99.7	1.4	25.1	150	113.19	3	0.3	1.0"	16	7	3/4"	35E	
SOV-6	430	295	7 Inch	0.51	430	55.0	97.1	1.2	19.6	150	115.32	3	0.3	1.0"	18	11	3/4"	35E	
SOV-7	210	100	5 Inch	0.28	210	55.0	102.6	0.6	10.8	150	111.37	3	0.2	1.0"	19	9	3/4"	35E	
SOV-8	130	85	4 Inch	0.11	85	55.0	95.1	0.5	3.7	150	134.88	1	0.2	1.0"	16	11	3/4"	35E	
SOV-9	200	130	5 Inch	0.19	130	55.0	99.7	0.5	6.3	150	124.25	2	0.1	1.0"	19	9	3/4"	35E	
SOV-10	250	110	6 Inch	0.33	200	55.0	103.0	0.5	10.4	150	110.83	3	0.1	1.0"	14	11	3/4"	35E	
SOV-11	160	110	5 Inch	0.13	110	55.0	102.8	0.5	5.7	150	126.6	2	0.1	1.0"	14	7	3/4"	35E	
SOV-12	350	105	7 Inch	0.35	300	55.0	100.9	0.8	14.9	150	112.51	3	0.2	1.0"	18	9	3/4"	35E	
SOV-13	280	120	6 Inch	0.40	170	55.0	106.1	0.5	9.4	150	111.71	3	0.1	1.0"	16	13	3/4"	35E	
SOV-14	210	75	5 Inch	0.28	210	55.0	102.6	0.6	10.8	150	111.37	3	0.2	1.0"	19	9	3/4"	35E	
SOV-15	200	60	5 Inch	0.26	190	55.0	103.4	0.5	9.9	150	110.25	3	0.1	1.0"	18	9	3/4"	35E	
SOV-16	410	125	7 Inch	0.34	250	55.0	95.1	0.7	10.8	150	116.99	2	0.2	1.0"	20	12	3/4"	35E	
SOV-17	310	95	6 Inch	0.48	190	55.0	103.4	0.5	9.9	150	110.25	3	0.1	1.0"	18	14	3/4"	35E	
SOV-18	150	45	4 Inch	0.18	130	55.0	101.8	0.5	6.6	150	123.2	2	0.1	1.0"	19	14	3/4"	35E	
SOV-19	170	55	5 Inch	0.14	150	55.0	98.4	0.5	7.0	150	121.32	2	0.1	1.0"	15	7	3/4"	35E	
SOV-20	250	75	6 Inch	0.33	230	55.0	101.5	0.6	11.6	150	111.96	3	0.2	1.0"	14	11	3/4"	35E	
SOV-21	150	45	4 Inch	0.14	90	55.0	95.0	0.5	3.9	150	134.13	1	0.2	1.0"	19	14	3/4"	35E	
SOV-22	160	60	5 Inch	0.13	100	55.0	108.1	0.5	5.7	150	126.6	2	0.1	1.0"	14	7	3/4"	35E	
SOV-23	320	135	6 Inch	0.51	320	55.0	98.0	0.9	14.9	150	114.73	3	0.3	1.0"	16	13	3/4"	35E	
SOV-24	120	40	4 Inch	0.09	80	55.0	97.9	0.5	3.7	150	134.88	1	0.2	1.0"	14	9	3/4"	35E	
SOV-25	110	35	4 Inch	0.08	70	55.0	101.3	0.5	3.5	150	135.73	1	0.2	1.0"	13	8	3/4"	35E	
SOV-26	170	60	4 Inch	0.23	110	55.0	105.8	0.5	6.0	150	125.38	2	0.1	1.0"	22	17	3/4"	35E	
SOV-27	100	30	4 Inch	0.06	80	55.0	97.9	0.5	3.7	150	134.88	1	0.2	1.0"	11	6	3/4"	35E	
SOV-28	90	30	4 Inch	0.06	60	55.0	105.3	0.5	3.3	150	136.7	1	0.2	1.0"	9	4	3/4"	35E	
SOV-29	480	145	8 Inch	0.59	290	55.0	101.2	0.8	14.5	150	112.14	3	0.2	1.0"	18	14	3/4"	35E	
SOV-30	160	75	5 Inch	0.13	130	55.0	101.8	0.5	6.6	150	123.2	2	0.1	1.0"	14	7	3/4"	35E	
SOV-31	70	30	4 Inch	0.04	50	55.0	110.2	0.5	3.0	150	137.84	1	0.2	1.0"	4	0	3/4"	35E	
SOV-32	340	105	7 Inch	0.33	310	55.0	100.5	0.8	15.2	150	112.58	3	0.2	1.0"	18	9	3/4"	35E	
SOV-33	270	85	6 Inch	0.37	170	55.0	106.1	0.5	9.4	150	111.71	3	0.1	1.0"	16	12	3/4"	35E	
SOV-34	280	155	6 Inch	0.29	170	55.0	95.5	0.5	7.4	150	119.67	2	0.1	1.0"	16	13	3/4"	35E	
SOV-35	360	110	7 Inch	0.27	310	55.0	95.0	1.0	13.4	150	122.65	2	0.4	1.0"	19	11	3/4"	35E	