

Single Duct Terminal Units

SPE, SDE Series

Quiet Exhaust Single Duct Terminal Units



Recommended Air Volume Ranges

CP 101

Unit Size	L/s Min.*	L/s Max.	cfm Min.*	cfm Max.
4	24	106	50	225
5	30	165	63	350
6	31	212	70	450
7	47	307	100	650
8	62	378	130	800
9	108	496	170	1050
10	126	637	262	1350
12	173	991	300	2100
14	226	1225	370	2600
16	315	1649	500	3500

CP 100 and CP 200 Controller

Unit Size	L/s Min.*	L/s Max.	cfm Min.*	cfm Max.
4	34	106	75	225
5	43	165	80	350
6	44	212	100	450
7	66	307	140	650
8	88	378	190	800
9	151	496	240	1050
10	175	637	310	1350
12	242	991	420	2100
14	314	1225	540	2600
16	438	1649	710	3500

Digital Controls

Unit Size	L/s Min.*	L/s Max.	cfm Min.*	cfm Max.
4	24	106	50	225
5	30	165	55	350
6	31	212	70	450
7	47	307	100	650
8	62	378	130	800
9	108	496	170	1050
10	126	637	220	1350
12	173	991	300	2100
14	226	1225	390	2600
16	315	1649	500	3500

Notes:

Factory calibrated controls must be selected within the above flow range limits. A minimum value of zero is also available. When an auxiliary flow setting is specified, the value must be greater than the minimum setting and within the range limits.

On controls mounted by Price but supplied by others, the air volume ranges are guidelines only.

*Minimum air flow limit is based on min .02 in. w.g. differential pressure signal from air flow sensor (.04 in. w.g. for CP100 and CP200). Selection of air flow limits below the listed values is not recommended. Stability and accuracy may not be acceptable at lower than recommended air flow limits. The actual performance will vary depending on the terminal unit controls supplied.

Maximum air flow limit is based on max 1.0 in. w.g. differential pressure signal from air flow sensor .

Minimum Operating Pressure

Unit Size	Air Flow		Minimum ΔPs	
	cfm	L/s	Across in. w.g.	Unit Pa
4	75	36	0.12	29
	125	59	0.30	75
	175	83	0.57	140
	225	106	0.90	224
5	125	59	0.11	27
	200	94	0.27	66
	275	130	0.48	119
	350	165	0.75	187
6	150	71	0.07	17
	225	106	0.14	35
	300	142	0.24	60
	375	177	0.37	92
7	450	212	0.52	129
	250	118	0.08	20
	350	165	0.15	38
	450	212	0.25	62
8	550	260	0.37	93
	650	307	0.52	129
	400	189	0.09	22
	500	236	0.14	34
8	600	283	0.20	49
	700	330	0.26	66
	800	378	0.34	85

Unit Size	Air Flow		Minimum ΔPs	
	cfm	L/s	Across in. w.g.	Unit Pa
9	450	212	0.07	18
	650	307	0.15	38
	850	401	0.25	63
	1050	496	0.38	95
10	550	260	0.06	14
	750	354	0.11	26
	950	448	0.17	41
	1150	543	0.24	59
12	1350	637	0.33	81
	900	425	0.07	17
	1200	566	0.12	29
	1500	708	0.18	46
14	1800	850	0.26	65
	2100	991	0.36	88
	1000	472	0.05	11
	1500	708	0.10	25
16	2000	944	0.18	44
	2500	1180	0.28	69
	1500	708	0.06	14
	2000	944	0.10	26
16	2500	1180	0.16	40
	3000	1416	0.24	58
	3500	1652	0.32	80

Performance Notes:

1. Test data obtained in accordance with AHRI Standard 880-2008 and ASHRAE Standard 130-2008.
2. Air flow given in L/s and cfm.
3. Pressure given in Pa and in. w.g.
4. Data is not certified by AHRI.

Single Duct Terminal Units SPE, SDE Series

Quiet Exhaust Single Duct Terminal Units



Discharge Sound Power Levels – Hospital Grade Liner (CRAF)

Unit Size		Sound Power Levels Lw dB re 10 ⁻¹² Watts																											
		0.5 in. w.g. [125 Pa]							1.0 in. w.g. [250 Pa]							1.5 in. w.g. [375 Pa]							3.0 in. w.g. [750 Pa]						
		Air Flow		Octave Band					Octave Band					Octave Band					Octave Band										
L/s	cfm	2	3	4	5	6	7	2	3	4	5	6	7	2	3	4	5	6	7	2	3	4	5	6	7				
4	35	75	52	42	29	24	21	25	55	47	33	29	26	29	58	52	37	34	32	33	60	55	39	37	35	35			
	59	125	60	47	36	29	26	30	63	52	40	34	31	34	66	58	43	39	36	38	68	61	45	42	39	40			
	83	175	66	51	40	32	29	33	69	56	44	37	34	37	72	61	48	42	39	41	73	64	50	45	42	43			
	106	225	*	*	*	*	*	*	73	59	47	39	36	39	76	64	51	44	41	43	77	67	53	47	44	45			
5	59	125	55	44	35	28	25	26	59	50	39	33	30	31	64	56	43	39	36	36	66	60	46	42	39	39			
	94	200	62	49	40	32	28	30	66	55	44	37	34	35	70	61	48	43	40	40	73	64	51	46	43	43			
	130	275	66	51	43	35	30	33	70	57	47	40	36	38	74	63	51	45	42	43	77	67	54	48	45	46			
	165	350	*	*	*	*	*	*	73	60	50	42	38	40	78	66	54	47	44	45	80	69	56	50	47	48			
6	71	150	55	45	39	29	26	24	58	49	44	35	32	31	60	52	48	40	37	39	62	55	50	43	41	43			
	106	225	62	50	44	33	28	27	65	54	48	38	34	34	67	58	52	43	40	41	69	60	54	46	43	46			
	142	300	67	54	46	35	30	29	69	58	51	40	36	36	72	62	55	45	42	44	73	64	57	48	45	48			
	177	375	71	57	49	37	32	31	73	61	53	42	37	38	76	65	57	47	43	45	77	67	59	50	46	49			
7	212	450	74	60	51	38	33	32	76	64	55	43	38	39	79	67	59	48	44	46	80	70	61	51	47	51			
	118	250	55	46	42	33	30	28	59	51	47	38	35	34	62	56	52	42	41	41	65	59	55	45	44	44			
	165	350	60	51	45	36	33	31	64	56	50	41	38	37	67	61	55	45	43	44	69	64	58	48	46	47			
	212	450	63	54	48	38	35	33	67	59	53	43	40	40	71	64	58	48	45	46	73	67	60	51	48	49			
8	260	550	66	57	50	40	37	35	70	62	55	45	42	41	74	67	60	50	47	48	76	70	62	53	50	51			
	307	650	69	59	52	42	38	37	72	64	56	46	43	43	76	69	61	51	49	49	78	72	64	54	52	53			
	189	400	60	50	43	35	32	31	63	55	48	40	37	37	67	60	53	46	43	44	68	63	56	49	46	47			
	236	500	63	53	46	37	34	33	65	58	51	42	39	39	70	63	56	48	45	46	71	65	59	51	48	50			
9	283	600	66	55	48	38	35	34	69	60	52	44	41	41	72	65	57	50	47	47	74	68	60	53	50	51			
	330	700	68	57	49	40	37	36	71	62	54	45	42	42	74	67	59	51	48	49	76	70	62	54	51	53			
	378	800	69	59	50	41	38	37	73	64	55	47	43	44	76	69	60	52	49	50	78	72	63	55	52	54			
	212	450	60	50	43	35	31	32	64	55	49	41	37	38	68	61	55	46	42	45	71	64	58	49	45	49			
10	307	650	65	54	47	38	34	35	69	59	52	44	40	42	73	65	58	49	45	48	76	68	61	52	49	52			
	401	850	68	57	49	40	37	37	72	63	55	46	42	44	77	68	60	51	48	51	79	71	63	54	51	55			
	496	1050	71	59	51	42	38	39	75	65	56	47	44	46	79	71	62	53	50	53	82	74	65	56	53	56			
	260	550	61	50	44	35	32	33	65	56	49	41	38	39	70	61	55	46	43	46	72	65	58	50	46	50			
12	354	750	64	54	47	37	35	36	69	59	52	43	40	42	73	65	57	49	46	49	76	68	61	52	49	52			
	448	950	67	57	49	39	37	38	71	62	54	45	43	44	76	68	60	51	48	51	78	71	63	54	51	54			
	543	1150	69	59	51	41	39	39	73	64	56	46	44	46	78	70	61	52	50	52	80	73	64	56	53	56			
	637	1350	71	61	52	42	40	41	75	66	57	48	46	47	80	72	63	53	51	54	82	75	66	57	54	57			
14	425	900	62	53	45	39	37	37	68	59	50	44	42	43	73	65	55	50	47	49	76	69	58	53	50	53			
	566	1200	65	56	47	41	39	39	70	62	52	47	44	45	76	68	58	52	49	51	79	72	61	55	52	55			
	708	1500	67	58	49	43	41	40	72	64	54	49	46	46	78	70	60	54	51	52	81	74	63	57	54	56			
	850	1800	69	60	51	45	43	41	74	66	56	50	48	47	79	72	61	56	53	54	82	76	64	59	56	57			
16	991	2100	70	62	52	46	44	42	76	68	57	52	49	48	81	74	63	57	54	55	84	77	66	60	57	58			
	472	1000	60	53	41	39	39	38	65	59	46	44	44	45	70	66	50	49	49	52	73	69	53	52	52	56			
	708	1500	63	56	45	43	42	40	68	62	50	47	47	47	74	69	54	52	52	54	77	73	57	55	55	58			
	944	2000	66	58	48	45	44	42	71	65	53	50	49	48	76	71	57	54	54	55	79	75	60	57	57	59			
16	1180	2500	67	60	50	47	45	43	73	67	55	51	51	49	78	73	60	56	56	56	81	77	63	59	59	60			
	1416	3000	69	62	52	48	47	43	74	68	57	53	52	50	80	74	62	57	57	57	83	78	64	60	60	61			
	708	1500	60	53	43	42	42	41	66	58	47	46	46	47	71	64	50	50	51	53	74	68	52	52	53	56			
	944	2000	63	55	47	45	44	43	68	61	50	49	49	49	74	67	54	53	53	55	77	70	56	55	56	58			
16	1180	2500	65	57	50	47	46	44	70	63	54	51	50	50	76	68	57	55	55	56	79	72	59	57	57	59			
	1416	3000	66	58	53	49	48	45	72	64	56	53	52	51	77	70	59	57	56	57	80	73	61	59	59	61			
	1652	3500	68	59	55	50	49	46	73	65	58	54	53	52	78	71	61	58	58	58	82	75	63	61	60	61			

Performance Notes:

1. Test data obtained in accordance with AHRI Standard 880-2011 and ASHRAE Standard 130-2008.
2. Sound power levels include duct end corrections per AHRI Standard 880-2011. Please refer to page F25 for more details.
3. Air flow given in L/s and cfm.
4. Pressure given in Pa and in.w.g.
5. Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
6. Data is not certified by AHRI.

Single Duct Terminal Units

SPE, SDE Series

Quiet Exhaust Single Duct Terminal Units



Radiated Sound Power Levels – Hospital Grade Liner (CRAF)

Sound Power Levels Lw dB re 10⁻¹² Watts

Unit Size	Air Flow		0.5 in. w.g. [125 Pa]							1.0 in. w.g. [250 Pa]							1.5 in. w.g. [375 Pa]							3.0 in. w.g. [750 Pa]						
			Octave Band							Octave Band							Octave Band							Octave Band						
	L/s	cfm	2	3	4	5	6	7	2	3	4	5	6	7	2	3	4	5	6	7	2	3	4	5	6	7				
4	35	75	45	29	26	22	—	—	45	33	30	28	24	24	46	37	35	33	32	32	46	40	37	37	37	37				
	59	125	54	37	31	24	—	—	55	41	36	30	25	24	56	45	40	35	33	33	56	47	42	39	38	38				
	83	175	61	42	35	25	—	—	62	46	39	31	25	24	62	50	43	37	34	33	63	52	46	40	38	38				
	106	225	*	*	*	*	*	*	66	50	42	32	26	25	67	54	46	38	34	33	67	56	49	41	39	38				
5	59	125	48	36	30	23	—	—	50	39	33	32	31	20	52	43	39	37	34	30	53	45	42	39	36	36				
	94	200	55	42	34	27	—	—	58	45	38	34	32	21	60	49	44	39	35	31	62	51	47	41	37	36				
	130	275	60	46	38	29	—	—	64	50	42	35	33	21	66	53	47	40	36	31	67	55	50	43	38	37				
	165	350	*	*	*	*	*	*	68	53	45	36	34	22	70	56	50	41	37	31	71	59	53	44	38	37				
6	71	150	46	33	28	22	—	—	49	39	34	28	22	21	52	44	40	34	30	29	54	47	44	37	35	34				
	106	225	51	39	32	25	—	—	55	44	38	31	24	22	58	49	44	36	32	30	60	53	48	40	37	34				
	142	300	56	42	35	27	—	—	59	48	41	33	25	22	62	53	47	38	33	30	64	56	51	42	38	35				
	177	375	59	45	37	28	—	—	62	50	43	34	25	23	65	56	49	40	33	31	67	59	53	43	38	35				
7	212	450	61	47	39	30	—	—	65	53	45	36	26	23	68	58	51	41	34	31	70	61	55	45	39	35				
	118	250	48	38	33	28	21	—	53	44	39	33	28	22	57	51	45	38	34	32	60	54	48	40	37	38				
	165	350	53	41	36	30	23	—	57	47	42	35	29	22	61	54	48	40	35	33	64	57	51	43	39	39				
	212	450	56	43	39	32	24	—	60	50	44	37	30	23	65	56	50	42	36	33	67	59	53	44	40	39				
8	260	550	58	45	40	33	25	—	63	51	46	38	31	23	67	58	52	43	37	33	70	61	55	46	41	39				
	307	650	61	47	42	34	26	—	65	53	47	39	32	23	69	59	53	44	38	33	72	63	56	47	42	39				
	189	400	53	41	38	32	23	—	57	47	43	38	30	25	60	53	49	43	37	33	62	57	52	46	41	38				
	236	500	56	44	39	33	24	—	59	50	45	38	30	25	63	56	50	43	37	33	65	59	53	47	41	38				
9	283	600	58	46	40	33	24	—	61	52	46	38	31	25	65	57	51	44	38	33	67	61	54	47	42	37				
	330	700	60	47	41	33	24	—	63	53	47	38	31	25	67	59	52	44	38	33	69	63	55	47	42	37				
	378	800	61	49	42	33	24	—	65	54	47	39	31	25	69	60	53	44	38	33	71	64	56	47	42	37				
	212	450	52	43	38	32	—	—	56	48	43	37	27	20	60	54	49	41	35	30	63	57	52	44	39	35				
10	307	650	56	46	40	34	21	—	60	51	46	38	28	22	65	57	51	43	36	31	67	60	55	45	41	36				
	401	850	59	48	42	35	22	—	64	54	48	39	30	22	68	59	53	44	37	32	71	63	57	47	42	37				
	496	1050	62	50	44	36	23	—	66	56	49	40	31	23	71	61	55	45	38	32	73	64	58	47	43	38				
	260	550	52	40	38	30	—	—	57	47	44	36	28	22	62	54	50	42	36	32	65	58	53	46	41	37				
12	354	750	54	43	40	32	—	—	59	49	46	38	28	22	64	56	52	43	37	32	67	60	55	47	42	38				
	448	950	56	44	41	33	21	—	61	51	47	39	29	22	66	58	53	44	38	32	69	62	56	48	43	38				
	543	1150	58	46	42	34	21	—	63	53	48	39	30	23	67	60	54	45	38	32	70	64	58	49	43	38				
	637	1350	59	47	43	34	22	—	64	54	49	40	30	23	69	61	55	46	39	32	71	65	58	49	44	38				
14	425	900	51	42	40	31	24	—	56	48	46	37	30	23	61	55	51	43	36	32	64	59	54	47	40	38				
	566	1200	53	44	42	32	26	—	58	51	48	38	32	24	64	57	53	45	38	33	67	61	56	48	41	38				
	708	1500	55	46	44	33	27	—	60	53	49	40	33	24	66	59	55	46	39	33	69	63	58	49	42	39				
	850	1800	57	47	45	34	28	—	62	54	51	40	34	24	67	61	56	47	40	34	71	65	59	50	43	39				
16	991	2100	58	49	46	35	29	—	63	55	52	41	35	25	69	62	57	47	41	34	72	66	61	51	44	40				
	472	1000	50	44	40	30	23	—	55	50	45	35	28	24	60	56	49	41	33	29	64	60	52	44	36	32				
	708	1500	54	47	43	34	29	23	59	53	48	39	33	28	64	59	52	44	38	33	67	63	55	47	41	36				
	944	2000	56	49	45	37	32	25	61	55	50	42	37	31	67	62	55	47	42	36	70	65	57	50	45	39				
16	1180	2500	58	51	47	39	35	28	64	57	52	44	40	33	69	63	56	49	45	38	72	67	59	52	48	41				
	708	1500	53	47	43	34	30	25	58	52	47	38	33	28	63	58	50	42	36	30	66	61	52	44	38	32				
	944	2000	55	50	46	37	34	27	61	55	50	41	37	30	66	60	54	45	40	33	69	64	56	47	42	35				
	1180	2500	57	52	49	40	37	29	63	57	52	44	40	32	68	63	56	47	43	35	71	66	58	50	45	37				
16	1416	3000	59	54	51	42	39	31	64	59	54	46	42	34	70	64	58	50	45	37	73	67	60	52	47	38				
	1652	3500	61	55	52	44	41	33	66	60	56	47	44	35	71	66	60	51	47	38	74	69	62	53	49	40				

Performance Notes:

1. Test data obtained in accordance with AHRI Standard 880-2011 and ASHRAE Standard 130-2008.
2. Sound power levels include duct end corrections per AHRI Standard 880-2011. Please refer to page F25 for more details.
3. Air flow given in L/s and cfm.
4. Pressure given in Pa and in.w.g.
5. Asterisks (*) indicate minimum static pressure of the unit exceeds the minimum operating pressure across the unit.
6. Data is not certified by AHRI.