UNIT SIZE	CFM	MIN. ΔPs (IN. W.G.)	MAX E.S.P. (IN. W.G.)	ROOM NOISE CRITERIA (NC)			
				DIS.	RADIATED		
				FAN	INLET ΔPs		
				ONLY	0.5"	1.0"	3.0"
0606	200	0.07	0.86	--	20	22	28
	300	0.10	0.77	--	23	25	33
	350	0.14	0.71	--	25	27	35
	400	0.19	0.65	--	28	31	36
	450	0.23	0.58	--	30	32	38
	550	0.34	0.41	23	34	36	40
0806	300	0.03	0.77	--	23	25	33
	350	0.04	0.71	--	25	27	35
	400	0.05	0.65	--	28	31	36
	450	0.06	0.58	--	30	32	38
	550	0.09	0.41	23	34	36	40
0611	400	0.27	0.89	--	24	28	35
	500	0.40	0.87	--	28	33	37
0811	400	0.03	0.89	--	20	24	33
	500	0.05	0.87	--	23	27	35
	600	0.07	0.85	--	27	31	37
	800	0.11	0.80	22	32	35	40
	1000	0.17	0.70	28	37	39	43
1011	600	0.03	0.85	--	26	30	37
	800	0.06	0.80	22	33	36	41
	1000	0.09	0.70	28	37	40	45
	1200	0.13	0.47	31	41	42	47
0817	600	0.10	1.28	--	25	27	34
	700	0.14	1.26	--	26	28	35
	800	0.20	1.24	--	30	31	37
	1000	0.34	1.15	24	31	33	40
1017	600	0.04	1.28	--	23	25	34
	800	0.08	1.24	--	26	28	37
	1000	0.12	1.15	24	30	31	38
	1200	0.16	1.03	25	35	37	40
	1400	0.21	0.85	30	38	40	43
	1600	0.26	0.62	32	40	43	45
1217	800	0.04	1.24	--	27	28	37
	1000	0.07	1.15	24	28	30	39
	1200	0.10	1.03	25	32	33	40
	1400	0.13	0.85	30	37	38	41
	1600	0.16	0.62	32	41	41	43
	1800	0.18	0.34	36	45	45	46
0819	800	0.16	1.19	--	26	30	37
	900	0.21	1.18	--	28	31	38
	1000	0.27	1.18	21	30	32	40
1019	800	0.07	1.19	--	26	28	38
	1000	0.11	1.17	21	30	31	39
	1200	0.16	1.13	25	33	35	40
	1400	0.21	1.06	27	37	39	42
	1600	0.27	0.96	31	42	42	45
1219	800	0.04	1.19	--	22	26	36
	1000	0.07	1.17	21	26	27	38
	1200	0.11	1.13	25	31	32	40
	1400	0.14	1.06	27	36	36	41
	1600	0.18	0.96	31	39	40	43
	1800	0.23	0.84	34	42	42	45

UNIT SIZE	HORSEPOWER / AMPERAGE DATA											
	FAN HP			AMPERAGE								
				115V			208V			277V		
	LOW	MED	HI	LOW	MED	HI	LOW	MED	HI	LOW	MED	HI
0606	1/10	1/8	1/6	2.2	2.4	2.7	.55	.90	1.4	.8	.9	1.0
0806												
0611	1/8	1/5	1/4	3.7	4.1	4.9	1.1	1.5	2.2	1.4	1.7	2.0
0811												
1011												
0817	1/4	1/3	1/2	8.8	9.3	9.6	2.3	2.7	4.0	2.8	2.9	3.6
1017												
1217												
0819	1/3	1/2	3/4	9.4	10.3	10.5	2.5	3.2	4.2	3.6	3.7	4.3
1019												
1219												

NOTES:

1. Min. ΔPs is the static pressure difference across the primary air valve with the damper wide open. All losses (including optional hot water coil) are handled by the unit fan and need not be considered for primary air performance calculations.
2. Max. E.S.P. is the external static pressure available on high tap at the air flow capacity indicated. Hot water coil pressure losses are not considered with these values.
3. Performance data obtained from tests conducted in accordance with ARI Standard 880.
4. NC values calculated based upon the 2002 Addendum to ARI Standard 885 Appendix E Typical Sound Attenuation Values (shown at right), using Ceiling Type 2 for calculating Radiated NC.
5. Dash (–) indicates NC levels less than 20.

DISCHARGE ATTENUATION VALUES	OCTAVE BAND					
	2	3	4	5	6	7
Small Box (< 300 CFM)	24	28	39	53	59	40
Medium Box (300-700 CFM)	27	29	40	51	53	39
Large Box (> 700 CFM)	29	30	41	51	52	39

RADIATED ATTENUATION VALUES	OCTAVE BAND					
	2	3	4	5	6	7
Type 2 - Mineral Fiber Ceiling	18	19	20	26	31	36

TITLE:

GENERAL SELECTION DATA
MODEL CFRQ, PSC MOTOR

ENVIRO-TEC®

DRN BY:	DATE:	SCALE:	DRAWING NO.
SHELLY	09/19/97	N/A	19608A
CKD BY:	DATE:	REV:	
DB	07/31/15	02	

UNIT SIZE	CFM	MIN. ΔPs (IN. W.G.)	MAX E.S.P. (IN. W.G.)	ROOM NOISE CRITERIA (NC) DIS. FAN ONLY	RADIATED INLET ΔPs 0.5"	1.0"	3.0"
1021	1000	0.09	1.14	22	25	28	38
	1200	0.12	1.09	26	27	31	40
	1400	0.16	1.02	29	31	35	41
	1600	0.21	0.93	32	33	36	43
1221	1000	0.05	1.14	22	23	26	38
	1200	0.08	1.09	26	27	28	40
	1400	0.11	1.02	29	30	32	41
	1600	0.15	0.93	32	33	36	42
	1800	0.20	0.82	35	35	37	42
1421	1200	0.09	1.09	26	26	30	39
	1400	0.11	1.02	29	28	32	40
	1600	0.14	0.93	32	32	33	41
	1800	0.18	0.82	35	35	36	41
	2000	0.21	0.67	37	37	38	42
1224	1200	0.06	1.20	23	31	32	38
	1400	0.08	1.16	27	33	33	40
	1600	0.10	1.06	31	35	36	41
	1800	0.13	0.90	33	37	38	42
	2000	0.16	0.72	35	40	41	45
1424	1400	0.09	1.16	27	27	30	40
	1600	0.11	1.06	31	30	32	40
	1800	0.14	0.90	33	32	35	41
	2000	0.17	0.72	35	36	37	42
	2200	0.20	0.54	38	38	39	43
	2400	0.25	0.35	39	41	41	46
1230	1500	0.05	0.85	20	30	31	38
	1900	0.09	0.78	23	33	35	40
	2300	0.12	0.68	27	38	38	43
1430	1500	0.05	0.85	20	30	31	38
	1900	0.07	0.78	23	35	36	41
	2300	0.10	0.68	27	37	38	43
	2700	0.13	0.56	30	40	40	46
	3100	0.18	0.40	33	42	43	50
1630	1500	0.02	0.85	20	30	31	38
	1900	0.04	0.78	23	32	35	40
	2300	0.06	0.68	27	36	38	42
	2700	0.08	0.56	30	38	40	45
	3100	0.10	0.40	33	41	42	47

UNIT SIZE	FAN HP LOW	FAN HP MED	FAN HP HI	AMPERAGE 115V LOW	115V MED	115V HI	208V LOW	208V MED	208V HI	277V LOW	277V MED	277V HI
1021	1/2	3/4	1.0	8.9	11.0	12.3	1.8	2.8	5.3	3.4	3.8	4.5
1221												
1421												
1224	1/2	3/4	1.0	8.9	11.3	12.3	1.8	2.8	5.3	3.4	3.8	4.5
1424												
1230	1/4 (2)	1/3 (2)	1/2 (2)	17.6	18.6	19.2	4.6	5.4	8.0	5.6	5.8	7.2
1430												
1630												

NOTES:

1. Min. ΔPs is the static pressure difference across the primary air valve with the damper wide open. All losses (including optional hot water coil) are handled by the unit fan and need not be considered for primary air performance calculations.
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DISCHARGE ATTENUATION VALUES	OCTAVE BAND 2	3	4	5	6	7
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Large Box (> 700 CFM)	29	30	41	51	52	39

RADIATED ATTENUATION VALUES	OCTAVE BAND 2	3	4	5	6	7
Type 2 - Mineral Fiber Ceiling	18	19	20	26	31	36

TITLE:

GENERAL SELECTION DATA
MODEL CFRQ, PSC MOTOR

ENVIRO-TEC®

DRN BY:	DATE:	SCALE:	DRAWING NO.
SHELLY	09/19/97	N/A	19608B
CKD BY:	DATE:	REV:	
DB	07/31/15	02	