

FANS

SYMBOL	SERVICE	TYPE	FAN DATA							SOUND DATA							
			AIRFLOW			SPEED	DRIVE	WHEEL	MAXIMUM	MAX. FAN SOUND POWER LEVEL dB (RE 10 ⁻¹² W)							
			MAXIMUM	@ SP	MINIMUM					@ MID OCTAVE BAND FREQUENCY (Hz)							
			CFM	IN. WG.	CFM	RPM	TYPE	TYPE	BHP	63	125	250	500	1K	2K	4K	8K
10-EF-01	Administration Toilets	WALL MOUNTED CENTRIFUGAL	250	0.25	250	1628	DIRECT	BI	0.02	67	69	67	52	47	46	41	36
10-EF-02	Administration Process Lab	WALL MOUNTED CENTRIFUGAL	1,500	0.52	1500	1189	BELT	BI	0.3	69	81	73	67	63	63	55	50
10-EF-03	Administration Process lab	WALL MOUNTED CENTRIFUGAL	1,500	0.44	1500	1135	BELT	BI	0.26	69	80	73	67	62	63	54	49
12-EF-01	Maintenance Oil Storage	WALL MOUNTED CENTRIFUGAL	175	0.25	175	1484	DIRECT	BI	0.02	66	66	61	47	41	39	35	32
12-EF-02	Maintenance Interior Storage	WALL MOUNTED CENTRIFUGAL	1,305	0.25	1305	1269	DIRECT	BI	0.14	72	75	78	65	60	62	53	46
12-SF-01	Maintenance Oil Storage	CABINET CENTRIFUGAL	160	0.4	160	1242	DIRECT	FC	0.04								
20-EF-01	Headworks Process Room	WALL MOUNTED CENTRIFUGAL	4,700	0.3	4700	618	BELT	BI	0.67	74	80	74	69	66	61	52	46
32-EF-01	Process UV Room	WALL MOUNTED CENTRIFUGAL	1200	0.25	1200	1190	DIRECT	BI	0.12	71	73	75	63	59	61	51	44
32-SF-01	Process Chem. Storage	INLINE SQUARE CENTRIFUGAL	510	0.59	510	1573	DIRECT	BI	0.15	79	82	71	70	62	58	57	51
32-EF-02	Process Pump Rooms	WALL MOUNTED CENTRIFUGAL	2895	0.34	2895	1163	DIRECT	BI	0.47	74	80	80	76	70	69	64	61
32-EF-03	Process Blower RM	WALL MOUNTED CENTRIFUGAL	3600	0.5	3600	1132	DIRECT	BI	0.7	77	80	84	75	69	70	64	56
32-EF-04	Process Chem. Storage	WALL MOUNTED CENTRIFUGAL	555	0.41	555	1639	DIRECT	BI	0.08	76	74	70	63	59	56	53	46
80-EF-01	Digester Feed Room	ROOF MOUNTED EXHAUST FAN	2200	0.3	2200	1336	DIRECT	BI	0.38	80	78	80	73	66	66	61	55
80-EF-02	Digester Room	WALL MOUNTED EXHAUST FAN	1260	0.25	1260	1235	DIRECT	BI	0.13	72	74	77	64	60	62	52	45
FAN-8711	Compost Fan 1	UTILITY BLOWER SWSI HEAVY DUTY	300	8	300	3500	DIRECT	BI	0.84	79	90	98	100	90	86	80	72
FAN-8712	Compost Fan 2	UTILITY BLOWER SWSI HEAVY DUTY	300	8	300	3500	DIRECT	BI	0.84	79	90	98	100	90	86	80	72
FAN-8713	Compost Fan 3	UTILITY BLOWER SWSI HEAVY DUTY	300	8	300	3500	DIRECT	BI	0.84	79	90	98	100	90	86	80	72
FAN-8714	Compost Fan 4	UTILITY BLOWER SWSI HEAVY DUTY	300	8	300	3500	DIRECT	BI	0.84	79	90	98	100	90	86	80	72

REMARKS:						ABBREVIATIONS:											
A: MOTORIZED DAMPER.						FC: FORWARD CURVED											
B: VARIABLE FREQUENCY DRIVE; REFER TO SPECIFICATION 26 29 23.						BI: BACKWARD INCLINED											
C: LOW VOLTAGE MOTOR CONTROL; REFER TO SPECIFICATION 26 24 19.						AF: AIR FOIL											

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SYMBOL	ELECTRICAL DATA			MAXIMUM DIMENSIONS						MANUFACTURER AND MODEL NO.	APPLICABLE REMARKS
	MOTOR			VOLT	PHYSICAL SIZE			WEIGHT LBS.			
	HP	RPM	NCLOSURE		PH	INCHES					
						L	W		H		
10-EF-01	1/15	1628	ODP	115	1	15	17	20	25	Greenheck CUE-070-VG	A, C
10-EF-02	1/3	1189		208	1	22	29	29	94	Greenheck CUBE-140	A, B
10-EF-03	1/3	1135		208	1	22	29	29	94	Greenheck CUBE-140	A, B
12-EF-01	1/15	1484		115	1	15	17	20	22	Greenheck CUE-070-VG	A, C
12-EF-02	1/4	1269	ODP	208	1	19	28	25	71	Greenheck CUE-120-VG	A, B
12-SF-01		1242	ODP	208	1	12	14	11	30	Greenheck CSP-A390-VG	C
20-EF-01	3/4	618	XP	460	3	34	41	43	165	Greenheck CUBE-240-10	A, B
32-EF-01	1/4	1190	ODP	120	1	19	28	25	71	Greenheck CUE-120-VG	A, C
32-SF-01	1/4	1573	ODP	208	1	21	15	15	50	Greenheck SQ-99-VG	C
32-EF-02	1	1163	ODP	460	3	22	29	29	110	Greenheck CUE-160-VG	A, B
32-EF-03	2	1132	ODP	460	3	30	39	37	164	Greenheck CUE-180-VG	A, B
32-EF-04	1/6	1639	ODP	208	1	19	19	22	61	Greenheck CUE-090 VG	A, C
80-EF-01	1	1336	ODP	460	3	22	28	36	93	Greenheck G-140-VG	A, B
80-EF-02	1/4	1235	ODP	208	1	19	28	25	71	Greenheck CUE-120-VG	A, B
FAN-8711	1	3500	TEFC	460	3	14	16	18	85	Cincinnati Fan PB10A	
FAN-8712	1	3500	TEFC	460	3	14	16	18	85	Cincinnati Fan PB10A	
FAN-8713	1	3500	TEFC	460	3	14	16	18	85	Cincinnati Fan PB10A	
FAN-8714	1	3500	TEFC	460	3	14	16	18	85	Cincinnati Fan PB10A	