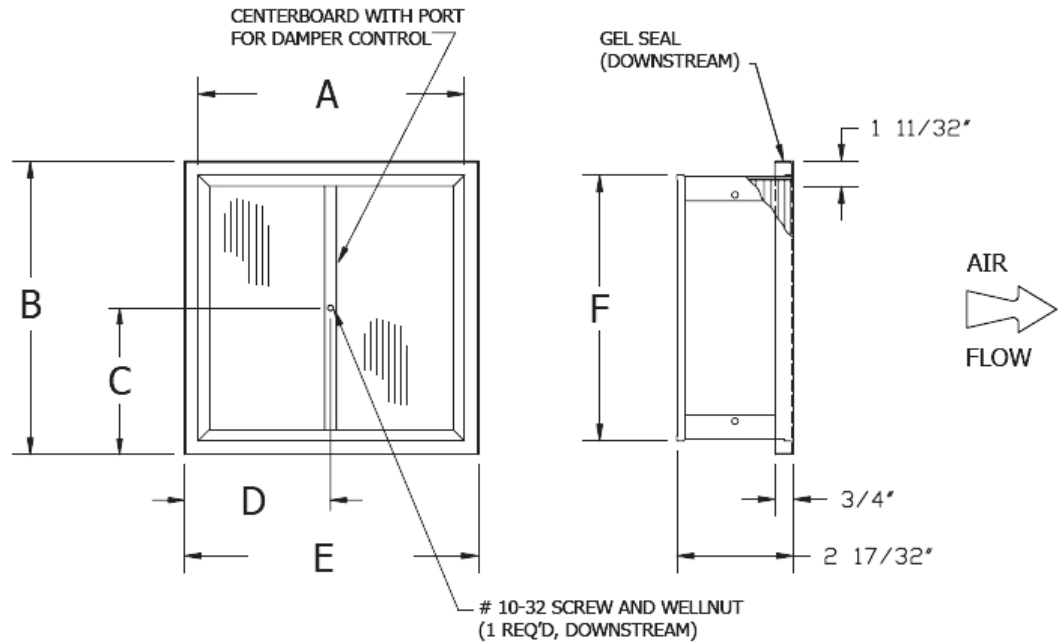


HEPA FILTER



Filter Part Number	Nominal Size	A	B	C	D	E	F	Effective Face Area (Sq ft)
HF2412T	24 X 12	16 ³ / ₄	6 ¹ / ₈	3 ¹ / ₁₆	9 ¹ / ₁₆	18 ¹ / ₈	4 ³ / ₄	0.37
HF3612T	36 X 12	28 ³ / ₄	6 ¹ / ₈	3 ¹ / ₁₆	15 ¹ / ₁₆	30 ¹ / ₈	4 ³ / ₄	0.66
HF4812T	48 X 12	40 ³ / ₄	6 ¹ / ₈	3 ¹ / ₁₆	21 ¹ / ₁₆	42 ¹ / ₈	4 ³ / ₄	0.94
HF6012T	60 X 12	52 ³ / ₄	6 ¹ / ₈	3 ¹ / ₁₆	27 ¹ / ₁₆	54 ¹ / ₈	4 ³ / ₄	1.23
HF7212T	72 X 12	64 ³ / ₄	6 ¹ / ₈	3 ¹ / ₁₆	33 ¹ / ₁₆	66 ¹ / ₈	4 ³ / ₄	1.52
HF2424T	24 x 24	16 ³ / ₄	18 ¹ / ₈	9 ¹ / ₁₆	9 ¹ / ₁₆	18 ¹ / ₈	16 ³ / ₄	1.66
HF3624T	36 x 24	28 ³ / ₄	18 ¹ / ₈	9 ¹ / ₁₆	15 ¹ / ₁₆	30 ¹ / ₈	16 ³ / ₄	2.94
HF4824T	48 x 24	40 ³ / ₄	18 ¹ / ₈	9 ¹ / ₁₆	21 ¹ / ₁₆	42 ¹ / ₈	16 ³ / ₄	4.23
HF6024T	60 x 24	52 ³ / ₄	18 ¹ / ₈	9 ¹ / ₁₆	27 ¹ / ₁₆	54 ¹ / ₈	16 ³ / ₄	5.52
HF7224T	72 x 24	64 ³ / ₄	18 ¹ / ₈	9 ¹ / ₁₆	33 ¹ / ₁₆	66 ¹ / ₈	16 ³ / ₄	6.81
HF4836T	48 x 36	40 ³ / ₄	30 ¹ / ₈	15 ¹ / ₁₆	21 ¹ / ₁₆	42 ¹ / ₈	28 ³ / ₄	7.52
HF6036T	60 x 36	52 ³ / ₄	30 ¹ / ₈	15 ¹ / ₁₆	27 ¹ / ₁₆	54 ¹ / ₈	28 ³ / ₄	9.81
HF7236T	72 x 36	64 ³ / ₄	30 ¹ / ₈	15 ¹ / ₁₆	33 ¹ / ₁₆	66 ¹ / ₈	28 ³ / ₄	12.09

FILTER SPECIFICATIONS

- Titus HEPA filters are designed specifically to fit the Titus TLF and RadiaTec diffusers manufactured after 6/10/07. These filters will not fit diffusers manufactured before that date.
- Filter efficiency is 99.99% with 0.3 micron particles per standard: IES-RP-CC-001.3 (Institute of Environmental Science & Technology)
- The filter resistance to airflow will be a maximum of 0.52" water gauge at 100 fpm. Refer to chart on page R69 for additional pressure drop values.
- Filter is scan tested for leaks at an air flow of 100 fpm
- Frame material is extruded anodized aluminum
- Filter has a downstream gel seal to mate with diffuser HEPA knife edge. Gel seal material is Blu-Jel.
- Filter media is 007 Dimple-pleat (ME-D0700). Pack style is 2" dimple pleat
- Filter is constructed of fire-rated materials per standard: UL-900 class 1
- Filter has a centerboard with (1) port for damper operation. Cadmium plated screw (included with filter) must be inserted into port while filter is in use.
- The filter maximum operating temperature is 250°F, and the maximum relative humidity (R.H.) is 100%
- Filters are non-hygroscopic

All dimensions are in inches

Nominal Filter Size										
24 x 12	CFM	6	7	11	15	19	22	30	37	44
	Pressure	0.080	0.11	0.15	0.21	0.26	0.32	0.42	0.53	0.68
36 x 12	CFM	10	13	20	26	33	40	53	66	79
	Pressure	0.08	0.11	0.15	0.21	0.26	0.33	0.43	0.54	0.69
48 x 12	CFM	14	19	28	38	47	56	75	94	113
	Pressure	0.07	0.09	0.14	0.19	0.29	0.36	0.42	0.60	0.68
60 x 12	CFM	18	25	37	49	62	74	98	123	148
	Pressure	0.08	0.11	0.15	0.21	0.27	0.33	0.44	0.54	0.70
72 x 12	CFM	23	30	46	61	76	91	122	152	182
	Pressure	0.07	0.09	0.14	0.19	0.25	0.30	0.42	0.52	0.66
24 x 24	CFM	25	33	50	66	83	100	133	166	200
	Pressure	0.07	0.09	0.14	0.19	0.25	0.30	0.42	0.52	0.66
36 x 24	CFM	44	59	88	118	147	176	235	295	353
	Pressure	0.07	0.09	0.14	0.19	0.25	0.30	0.42	0.52	0.66
48 x 24	CFM	63	85	127	170	212	254	338	423	508
	Pressure	0.07	0.10	0.14	0.20	0.25	0.30	0.42	0.52	0.66
60 x 24	CFM	83	110	166	221	276	331	442	552	663
	Pressure	0.07	0.10	0.14	0.20	0.25	0.31	0.42	0.52	0.66
72 x 24	CFM	102	136	204	272	340	409	545	681	817
	Pressure	0.08	0.10	0.14	0.20	0.25	0.31	0.42	0.52	0.66
48 x 36	CFM	113	150	226	301	376	451	601	752	902
	Pressure	0.08	0.10	0.15	0.21	0.26	0.31	0.42	0.52	0.66
60 x 36	CFM	147	196	294	392	490	589	785	981	1177
	Pressure	0.08	0.11	0.15	0.21	0.26	0.31	0.42	0.53	0.67
72 x 36	CFM	181	242	363	484	605	725	967	1210	1450
	Pressure	0.08	0.11	0.15	0.21	0.26	0.31	0.42	0.53	0.67

- Pressure loss values listed above are measured in inches of water gauge (w.g.)
- Pressure loss value is for an unused filter only. This value must be added to the diffuser pressure drop to determine total pressure.