

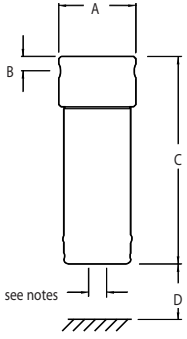
## HIGH TEMPERATURE DESICCANT DRYER DUST FILTERS



Walker Filtration manufactures a unique range of 150 psig (10 barg) high temperature filters using machined or diecast aluminum components. This range offers significant cost reductions over our high temperature stainless steel versions while offering many design features. There are eleven models in this range from 1/4" to 3" pipe connections with flow rates up to 1600 scfm (2720 Nm<sup>3</sup>/h) at 100 psig (7 barg). All models feature the Walker push-in filter element design with double 'O' ring seals for extra

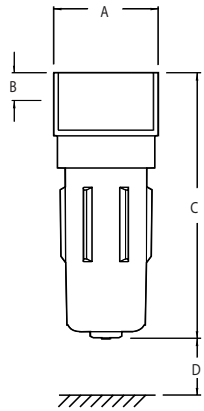
security and are available in 1 micron grade particulate removal, this being the optimum particle removal size for installation after heat reactivated type desiccant dryers.

 **WALKER  
FILTRATION**



Models 50HT25 (grade) to 50HT37 (grade)

FILTER MODEL	PIPE SIZE	FLOW RATE		ELEMENT MODEL	DIMENSIONS inch				WEIGHT		DIMENSIONS mm				FILTER MODEL
		SCFM	Nm³/h		A	B	C	D	lb	Kg	A	B	C	D	
50HT25 (grade)	1/4	15	26	HT1535 (grade)	2.48	0.55	5.71	1.97	1.3	0.6	63	14	145	50	50HT25 (grade)
50HT37 (grade)	3/8	30	51	HT1550 (grade)	2.48	0.55	6.89	1.97	1.5	0.7	63	14	175	50	50HT37 (grade)
50HT50 (grade)	1/2	65	111	HT2040 (grade)	4.33	1.50	10.75	5.91	6.8	3.1	110	38	273	150	50HT50 (grade)
50HT75 (grade)	3/4	75	128	HT2540 (grade)	4.33	1.50	10.75	5.91	6.9	3.1	110	38	273	150	50HT75 (grade)
50HT101 (grade)	1	150	255	HT2080 (grade)	4.33	1.50	14.09	5.91	8.3	3.8	110	38	358	150	50HT101 (grade)
50HT151 (grade)	1 1/2	300	510	HT2512 (grade)	5.75	2.01	19.29	6.69	17.9	8.1	146	51	490	170	50HT151 (grade)
50HT200 (grade)	2	450	765	HT2512 (grade)	5.75	2.01	19.29	6.69	17.4	7.9	146	51	490	170	50HT200 (grade)
50HT201 (grade)	2	650	1105	HT2520 (grade)	5.75	2.01	27.05	6.69	23.2	10.5	146	51	687	170	50HT201 (grade)
50HT300 (grade)	3	1000	1700	HT5020 (grade)	9.06	2.68	28.43	7.01	41.1	18.7	230	68	722	178	50HT300 (grade)
50HT301 (grade)	3	1250	2125	HT5025 (grade)	9.06	2.68	33.23	7.01	44.5	20.2	230	68	844	178	50HT301 (grade)
50HT302 (grade)	3	1600	2720	HT5030 (grade)	9.06	2.68	39.06	7.01	49.0	22.3	230	68	992	178	50HT302 (grade)



Models 50HT50 (grade) to 50HT302 (grade)

### Heatless regenerative dryer dust filter element grade

SPECIFICATION	Grade RX1		Grade RXA	
	Particle removal	1 micron		0.01 micron
Max. oil carryover at 68°F (20°C)	N/A		N/A	
Maximum temperature	450°F	232°C	450°F	232°C
Pressure loss - clean & dry	1.1 psi	75 mbar	1.5 psi	100 mbar
Pressure loss - oil saturated	N/A		N/A	
Pressure loss - change element	6 psi	400 mbar	6 psi	400 mbar
Maximum working pressure	150 psig/10 barg		150 psig/10 barg	
Element end cap color	Silver		Silver	

### NOTES

1. Threaded connections are NPT to ANSI B1.20.1 (parallel thread available upon request).
2. Direction of air flow is out to in through filter element.
3. All filters are supplied with a drain plug (1/4" NPT).
4. Mounting brackets are available, see accessory product leaflet.
5. All filter bodies are painted with a black high temperature powder paint finish to eliminate corrosion.
6. Aluminum high temperature filters and filter elements are available in silicone free upon request.
7. Threaded differential pressure ports (1/8" NPT) are included on models 50HT50–50HT302.

### CORRECTION FACTOR

For maximum flow rate, multiply model flow rate shown in the above table by the correction factor corresponding to the working pressure.

Operating Pressure	psig	4	9	14.5	29	44	58	72	87	100	115	130	145
		barg	0.3	0.6	1	2	3	4	5	6	7	8	9
Correction Factor		0.21	0.29	0.38	0.53	0.65	0.76	0.84	0.92	1	1.07	1.13	1.19



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Walker Filtration reserve the right to alter specifications without prior notice.