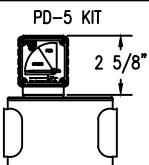
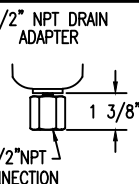
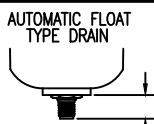
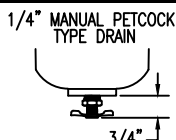


INSTALLED DIMENSIONS FOR OPTIONAL PRESSURE DIFFERENTIAL KIT FOR FILTER MODELS 55-1/2 THRU 1000-3 ONLY



INSTALLED DIMENSIONS FOR OPTIONAL DRAIN CONFIGURATIONS FOR ALL FILTER MODELS



NOTE: RECOMMENDED FOR PREFILTER USE ONLY

MODEL SUFFIX: MD
EXAMPLE: F200-15-1/4-MD

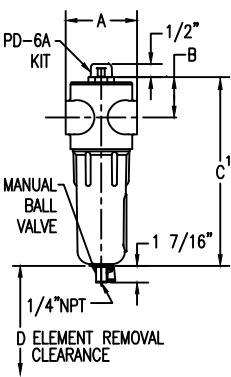
MODEL SUFFIX: AD
EXAMPLE: F200-15-1/4-AD

MODEL SUFFIX: DA
EXAMPLE: F200-15-1/4-DA

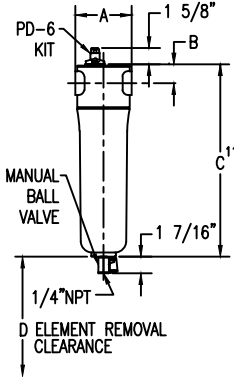
NOTES:

- 1) INCLUDE ELEMENT GRADE AND DRAIN OPTION SUFFIX AS LISTED ABOVE FOR COMPLETE HOUSING MODEL NUMBER.
- 2) INCLUDE ELEMENT GRADE FOR COMPLETE MODEL NUMBER.
- 3) FLOW RATES GIVEN IN SCFM @ 100 PSIG OPERATING PRESSURE. TO FIND FLOW RATES AT OTHER OPERATING PRESSURES, MULTIPLY RATED FLOW AT 100 PSIG BY CORRECTION FACTOR GIVEN IN CHART BELOW.
- 4) MAXIMUM WORKING PRESSURE: 250 PSIG @ 225°F.
- 5) REPLACE ELEMENTS WHEN PRESSURE DROP EQUALS OR EXCEEDS 10 PSID.
- 6) GRADE "RD" ELEMENTS MUST NOT OPERATE IN OIL SATURATED CONDITIONS. REPLACE ELEMENT PERIODICALLY TO SUITE THE APPLICATION, BUT CHANGE AT LEAST EVERY SIX MONTHS.
- 7) THE F200 SERIES FILTERS ARE NOT DESIGNED TO REMOVE CARBON MONOXIDE OR CARBON DIOXIDE.
- 8) ALL MODELS ARE FINISHED WITH WHITE EPOXY POWDERCOATING.
- 9) FOR BEST RESULTS, MATCH FILTER INLET/OUTLET CONNECTION SIZE TO PIPE SIZE UNLESS ACTUAL FLOW EXCEEDS FILTER FLOW RATING.
- 10) ACCESSORIES AVAILABLE UPON REQUEST: MANIFOLD KITS, MOUNTING BRACKETS, OPTIONAL DRAINS, DIFFERENTIAL PRESSURE GAUGES AND INDICATORS.
- 11) FOR FILTER OVERALL LENGTH, ADD THE LENGTH FROM THE CORRESPONDING DRAIN OPTION AND DIFFERENTIAL PRESSURE GAUGE LISTED ABOVE.

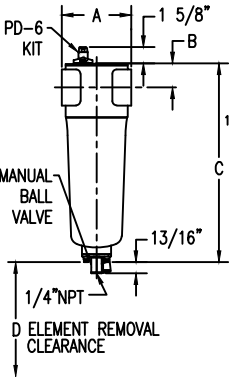
DIMENSIONS: MODELS 15-1/4 THRU 25-1/2



DIMENSIONS: MODELS 55-1/2 THRU 500-2



DIMENSIONS: MODELS 600-3 THRU 1250-3



MODEL	RATED FLOW (SCFM)	IN/OUT CONN (NPT)	REPLACEMENT ELEMENT	DIMENSIONS (IN.)				UNIT WT. (LBS)
				A	B	C ¹¹	D	
F200-15-1/4-(GRADE) ¹	15	1/4"	E200-15/25-(GRADE) ²	2.83	1.65	7.60	3.00	1.10
F200-25-3/8-(GRADE) ¹	25	3/8"	E200-15/25-(GRADE) ²	2.83	1.65	7.60	3.00	1.10
F200-25-1/2-(GRADE) ¹	25	1/2"	E200-15/25-(GRADE) ²	2.83	1.65	7.60	3.00	1.10
F200-55-1/2-(GRADE) ¹	55	1/2"	E200-55-(GRADE) ²	3.50	1.30	8.92	4.00	3.00
F200-85-3/4-(GRADE) ¹	85	3/4"	E200-85-(GRADE) ²	5.00	1.65	11.75	4.00	5.50
F200-100-1-(GRADE) ¹	100	1"	E200-100-(GRADE) ²	5.00	1.65	11.75	4.00	5.50
F200-150-1-(GRADE) ¹	150	1"	E200-150-(GRADE) ²	5.00	1.65	17.62	6.00	6.50
F200-265-1-1/4-(GRADE) ¹	265	1-1/4"	E200-265-(GRADE) ²	5.00	1.65	17.62	6.00	6.50
F200-350-1-1/2-(GRADE) ¹	350	1-1/2"	E200-350-(GRADE) ²	5.31	2.07	18.58	6.00	8.50
F200-400-2-(GRADE) ¹	400	2"	E200-400-(GRADE) ²	5.31	2.07	18.58	6.00	8.50
F200-500-2-(GRADE) ¹	500	2"	E200-500-(GRADE) ²	5.31	2.07	26.54	6.00	9.70
F200-600-3-(GRADE) ¹	600	3"	E200-600-(GRADE) ²	7.87	2.75	21.67	8.00	19.60
F200-800-3-(GRADE) ¹	800	3"	E200-800-(GRADE) ²	7.87	2.75	27.26	8.00	21.70
F200-1000-3-(GRADE) ¹	1000	3"	E200-1000-(GRADE) ²	7.87	2.75	31.91	12.00	27.90
F200-1250-3-(GRADE) ¹	1250	3"	E200-1250-(GRADE) ²	7.87	2.75	31.91	12.00	27.90

FLOW CORRECTION FACTORS FOR 250 PSIG (MWP) FILTERS	ACTUAL PRESSURE (PSIG)	10	20	30	40	50	60	70	80	90	100	125	150	175	200	225	250
		X FLOW @ 100 PSIG	.21	.30	.39	.48	.56	.65	.74	.83	.92	1.00	1.22	1.44	1.65	1.87	2.09

ELEMENT GRADE	PURPOSE	FLOW DIRECTION	PARTICLE REMOVAL (MICROMETER)	EFFICIENCY %	MAX OIL CARRYOVER (PPM #)	RECOMMENDED INLET TEMP °F	MAX ALLOWABLE TEMP °F	CLEAN PRESSURE DROP	
								DRY Δ P	OIL WET Δ P
AA ⁵	EXTRA COARSE PREFILTER	IN/OUT	>25.0 μ	100 @ 25.0 μ	7.8	225	225	.40	.75
A ⁵	COARSE PREFILTER	IN/OUT	>5.0 μ	100 @ 5.0 μ	3.9	225	225	.50	1.00
B ⁵	GENERAL PURPOSE PREFILTER	IN/OUT	>1.0 μ	99.99 @ 0.6 μ	0.78	185	225	.75	1.50
C ⁵	HIGH EFFICIENCY PREFILTER	IN/OUT	>.01 μ	99.9999 @ 0.6 μ	0.008	125	225	1.50	4.00
RAA ⁵	EXTRA COARSE AFTERFILTER	OUT/IN	>25.0 μ	100 @ 25.0 μ	NA	225	225	.40	NA
RA ⁵	COARSE AFTERFILTER	OUT/IN	>5.0 μ	100 @ 5.0 μ	NA	225	225	.50	NA
RB ⁵	GENERAL PURPOSE AFTERFILTER	OUT/IN	>1.0 μ	99.99 @ 0.6 μ	NA	185	225	.75	NA
RC ⁵	HIGH EFFICIENCY AFTERFILTER	OUT/IN	>.01 μ	99.9999 @ 0.6 μ	NA	125	225	1.50	NA
RD ⁶	VAPOR ADSORBING	OUT/IN	>.01 μ	99.9999 @ 0.6 μ	0.004 ⁶	80	80	1.50	NA ⁶

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COMPRESSED AIR AND GAS FILTERS F200 SERIES

DRWN BY: WLN

DATE: 11-11-98

DRWG No.

CHECKED: SCF

SCALE: NONE

SD-80036

REV C

APP'L: SCF

A DIVISION OF VAN AIR INC. LAKE CITY, PA 16423 (814)774-2631 FAX:(814)774-4065

VAN AIR SYSTEMS

APP'L	DATE	LVL	ECN
SCF	11-12-98	A	N0845
JMR	07-08-04	B	N01096
	08-25-11	C	N01409