



Model Number	Nominal Size (Inches) W x H x D	Actual Size (Inches) W x H x D	Rated Air Flow (CFM)	Initial Resistance (In. W.G.)	Media Area (Square Feet)
DMK80-STD1	10 X 10 X 1	9-1/2 X 9-1/2 X 3/4	210	0.14	1.6
DMK80-STD1	10 X 20 X 1	9-1/2 X 19-1/2 X 3/4	415	0.14	2.6
DMK80-STD1	10 X 24 X 1	9-3/8 X 23-3/8 X 3/4	500	0.14	3.1
DMK80-STD1	12 X 12 X 1	11-3/4 X 11-3/4 X 3/4	300	0.14	1.9
DMK80-STD1	12 X 16 X 1	11-1/2 X 15-3/4 X 3/4	400	0.14	2.5
DMK80-STD1	12 X 20 X 1	11-1/2 X 19-1/2 X 3/4	500	0.14	3.1
DMK80-STD1	12 X 24 X 1	11-3/8 X 23-3/8 X 3/4	600	0.14	3.7
DMK80-STD1	14 X 14 X 1	13-3/4 X 13-3/4 X 3/4	410	0.14	2.7
DMK80-STD1	14 X 20 X 1	13-1/2 X 19-1/2 X 3/4	585	0.14	3.8
DMK80-STD1	14 X 24 X 1	13-3/8 X 23-3/8 X 3/4	700	0.14	4.6
DMK80-STD1	14 X 25 X 1	13-1/2 X 24-1/2 X 3/4	730	0.14	4.8
DMK80-STD1	14 X 30 X 1*	14-3/4 X 29-3/4 X 3/4	875	0.14	5.7
DMK80-STD1	15 X 20 X 1	15-1/2 X 19-1/2 X 3/4	625	0.14	4.0
DMK80-STD1	15 X 30 X 1*	15-3/4 X 29-3/4 X 3/4	935	0.14	6.1
DMK80-STD1	16 X 16 X 1	15-1/2 X 15-1/2 X 3/4	530	0.14	4.0
DMK80-STD1	16 X 20 X 1	15-1/2 X 19-1/2 X 3/4	665	0.14	4.3
DMK80-STD1	16 X 24 X 1	15-3/8 X 23-3/8 X 3/4	800	0.14	5.1
DMK80-STD1	16 X 25 X 1	15-1/2 X 24-1/2 X 3/4	835	0.14	5.3
DMK80-STD1	16 X 30 X 1*	15-3/4 X 29-3/4 X 3/4	1000	0.14	6.5
DMK80-STD1	18 X 18 X 1	17-3/4 X 17-3/4 X 3/4	675	0.14	4.3
DMK80-STD1	18 X 20 X 1	17-3/8 X 19-1/2 X 3/4	750	0.14	4.8
DMK80-STD1	18 X 22 X 1	17-3/8 X 21-1/2 X 3/4	825	0.14	5.7
DMK80-STD1	18 X 24 X 1	17-3/8 X 23-3/8 X 3/4	900	0.14	5.7
DMK80-STD1	18 X 25 X 1	17-1/2 X 24-1/2 X 3/4	935	0.14	6.0
DMK80-STD1	20 X 20 X 1	19-1/2 X 19-1/2 X 3/4	830	0.14	5.5
DMK80-STD1	20 X 22 X 1	19-3/4 X 21-3/4 X 3/4	915	0.14	6.6
DMK80-STD1	20 X 24 X 1	19-3/8 X 23-3/8 X 3/4	1000	0.14	6.6
DMK80-STD1	20 X 25 X 1	19-1/2 X 24-1/2 X 3/4	1040	0.14	6.9
DMK80-STD1	20 X 30 X 1*	19-1/2 X 29-1/2 X 3/4	1250	0.14	7.1
DMK80-STD1	22 X 22 X 1	21-3/4 X 21-3/4 X 3/4	1005	0.14	8.1
DMK80-STD1	24 X 24 X 1	23-3/8 X 23-3/8 X 3/4	1200	0.14	7.7
DMK80-STD1	24 X 30 X 1*	23-3/4 X 19-3/4 X 3/4	1500	0.14	9.7
DMK80-STD1	25 X 25 X 1	24-1/2 X 24-1/2 X 3/4	1300	0.14	8.7

\* Reverse pleat direction

**STANDARD CONSTRUCTION**

- 100% Synthetic Thermally Bonded White Media
- 14.0 Pleats Per Foot
- Expanded Metal Pleat Supports
- Moisture Resistant Beverage Board Frame
- Double Wall Frame

**NOTES**

- MERV 8 Per ASHRAE 52.2-2012  
MERV-A 8-A Per ASHRAE 52.2-2012 Appendix J  
Tested at 295 FPM on 24x24x1 filter size
- Final Resistance: 1.0" W.G.
- Rated Velocity: 300 FPM
- Classified Per UL Standard 900 for Flammability
- Maximum Operating Temperature: 225 deg. F

**Purolator**  
 100 River Ridge Circle  
 Jeffersonville, IN 47130  
 P: 866-925-2247  
 F: 866-601-1809  
 www.clclair.com/purolator

CONTACT FACTORY TO  
 VERIFY REVISION LEVEL

**TOLERANCES  
 UNLESS OTHERWISE SPECIFIED**

FRACTIONAL -  
 DECIMAL -  
 ANGLES -

ALL DIMENSIONS IN INCHES

DRAWING NAME

**DEFIANT MARK80-D (1" DEPTH)**

APPROVED BY

*K. Quinn*

SPECIFICATION NO.

MKT-B-00566

PAGE

1 OF 1

SCALE

NONE

DWG. SIZE

A

REVISION

C

REVISION DATE

02-29-16

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