

MODEL NUMBER	NOMINAL SIZE INCHES W X H X L	ACTUAL SIZE INCHES W X H X L	RATED AIR FLOW CFM	INITIAL RESISTANCE IN. W.C.	MEDIA AREA SQ. FT.
DMK80-STD1	10 X 10 X 1	9-1/2 X 9-1/2 X 3/4	210	.24	1.6
DMK80-STD1	10 X 15 X 1	9-3/4 X 14-3/4 X 3/4	310	.24	2.6
DMK80-STD1	10 x 20 x 1	9-1/2 X 19-3/4 X 3/4	415	.24	2.6
DMK80-STD1	10 x 24 x 1	9-3/4 X 23-3/4 X 3/4	500	.24	3.1
DMK80-STD1	12 x 12 x 1	11-3/4 X 11-3/4 X 3/4	300	.24	3.1
DMK80-STD1	12 x 16 x 1	11-1/2 X 15-3/4 X 3/4	400	.24	3.1
DMK80-STD1	12 x 20 x 1	11-1/2 X 19-1/2 X 3/4	500	.24	3.1
DMK80-STD1	12 x 24 x 1	11-3/8 X 23-3/8 X 3/4	600	.24	3.7
DMK80-STD1	14 x 14 x 1	13-3/4 X 13-3/4 X 3/4	410	.24	3.8
DMK80-STD1	14 x 20 x 1	13-1/2 X 19-1/2 X 3/4	585	.24	3.8
DMK80-STD1	14 x 24 x 1	13-3/4 X 23-3/4 X 3/4	700	.24	4.6
DMK80-STD1	14 x 25 x 1	13-1/2 X 24-1/2 X 3/4	730	.24	4.8
DMK80-STD1	14 x 30 x 1	13-3/4 X 29-3/4 X 3/4	875	.24	8.1
DMK80-STD1	15 x 20 x 1	14-1/2 X 19-1/2 X 3/4	625	.24	4.1
DMK80-STD1	15 x 30 x 1	14-3/4 X 29-3/4 X 3/4	935	.24	8.1
DMK80-STD1	16 x 16 x 1	15-3/4 X 15-3/4 X 3/4	530	.24	5.0
DMK80-STD1	16 x 20 x 1	15-1/2 X 19-1/2 X 3/4	665	.24	4.3
DMK80-STD1	16 x 24 x 1	15-1/2 X 23-1/2 X 3/4	800	.24	5.1
DMK80-STD1	16 x 25 x 1	15-1/2 X 24-1/2 X 3/4	835	.24	5.3
DMK80-STD1	16 x 30 x 1	15-3/4 X 29-3/4 X 3/4	1000	.24	8.1
DMK80-STD1	18 x 18 x 1	17-3/4 X 17-3/4 X 3/4	675	.24	4.8
DMK80-STD1	18 x 20 x 1	17-3/8 X 19-1/2 X 3/4	750	.24	4.8
DMK80-STD1	18 x 22 x 1	17-3/8 X 21-1/2 X 3/4	825	.24	5.7
DMK80-STD1	18 x 24 x 1	17-3/8 X 23-3/8 X 3/4	900	.24	5.7
DMK80-STD1	18 x 25 x 1	17-1/2 X 24-1/2 X 3/4	935	.24	6.0
DMK80-STD1	20 x 20 x 1	19-1/2 X 19-1/2 X 3/4	830	.24	5.5
DMK80-STD1	20 x 22 x 1	19-3/4 X 21-3/4 X 3/4	915	.24	6.6
DMK80-STD1	20 x 24 x 1	19-3/8 X 23-3/8 X 3/4	1000	.24	6.6
DMK80-STD1	20 x 25 x 1	19-1/2 X 24-1/2 X 3/4	1040	.24	6.9
DMK80-STD1	20 x 30 x 1	19-1/2 X 29-1/2 X 3/4	1250	.24	8.1
DMK80-STD1	22 x 22 x 1	21-3/4 X 21-3/4 X 3/4	1005	.24	7.1
DMK80-STD1	24 x 24 x 1	23-3/8 X 23-3/8 X 3/4	1200	.24	7.7
DMK80-STD1	24 x 30 x 1	23-3/4 X 29-3/4 X 3/4	1500	.24	9.7
DMK80-STD1	25 x 25 x 1	24-1/2 X 24-1/2 X 3/4	1300	.24	8.7

- STANDARD CONSTRUCTION
- 100% Synthetic White Un-Dyed Media
 - 14 Pleats Per Foot
 - Expanded Metal Pleat Supports
 - Moisture Resistant Beverage Board Frame
 - Double Wall Frame

- NOTES:
- MERV 8 ASHRAE 52.2-2007 After Conditioning
 - Final Resistance: 1.0" W.G.
 - Rated Velocity: 300 FPM
 - Class 2 Filter Per U.L. Standard 900
 - Maximum Operating Temperature: 225 DEG F.

Purolator
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Louisville, KY 40232
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www.purolatorair.com

CONTACT FACTORY TO
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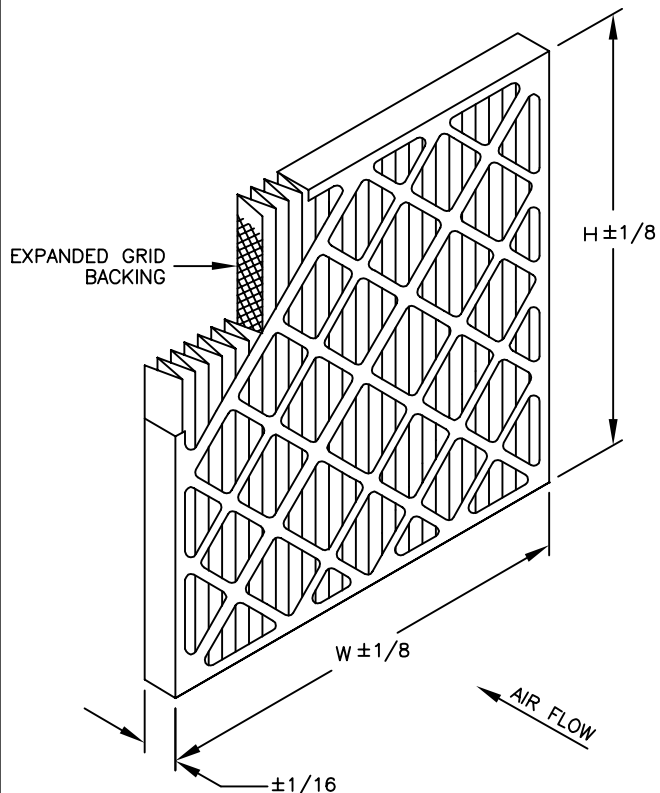
TOLERANCES
UNLESS OTHERWISE SPECIFIED

FRACTIONAL —
DECIMAL —
ANGLES —

ALL DIMENSIONS IN INCHES

DRAWING NAME DEFIANT MARK 80 D (1" DEPTH)			
APPROVED BY <i>K. Quinn</i>	SPECIFICATION NO. MKT-P-00566	PAGE 1 OF 1	
SCALE NONE	DWG. SIZE A	REVISION NEW	REVISION DATE 07-25-2008
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MODEL NUMBER	NOMINAL SIZE IN. W X H X D	ACTUAL SIZE IN. W X H X D	RATED AIR FLOW CFM	INITIAL RESISTANCE IN. W.G.	MEDIA AREA SQ.FT.
DMK80-STD2	10 X 20 X 2	9-1/2 X 19-1/2 X 1-3/4	695	.26	4.7
DMK80-STD2	12 X 12 X 2	11-3/4 X 11-3/4 X 1-3/4	500	.26	7.3
DMK80-STD2	12 X 20 X 2	11-1/2 X 11-3/4 X 1-3/4	830	.26	7.3
DMK80-STD2	12 X 24 X 2	11-3/8 X 23-3/8 X 1-3/4	1000	.26	8.6
DMK80-STD2	14 X 20 X 2	13-1/2 X 19-1/2 X 1-3/4	970	.26	8.8
DMK80-STD2	14 X 25 X 2	13-1/2 X 24-1/2 X 1-3/4	1215	.26	11.0
DMK80-STD2	15 X 20 X 2	14-1/2 X 19-1/2 X 1-3/4	1040	.26	9.3
DMK80-STD2	16 X 16 X 2	15-3/4 X 15-3/4 X 1-3/4	890	.26	9.9
DMK80-STD2	16 X 20 X 2	15-1/2 X 19-1/2 X 1-3/4	1110	.26	9.9
DMK80-STD2	16 X 24 X 2	15-3/8 X 23-3/8 X 1-3/4	1330	.26	11.7
DMK80-STD2	16 X 25 X 2	15-1/2 X 24-1/2 X 1-3/4	1390	.26	12.3
DMK80-STD2	18 X 18 X 2	17-3/4 X 17-3/4 X 1-3/4	1125	.26	11.4
DMK80-STD2	18 X 20 X 2	17-1/2 X 19-1/2 X 1-3/4	1250	.26	11.4
DMK80-STD2	18 X 22 X 2	17-1/2 X 21-1/2 X 1-3/4	1375	.26	13.6
DMK80-STD2	18 X 24 X 2	17-3/8 X 23-3/8 X 1-3/4	1500	.26	13.6
DMK80-STD2	18 X 25 X 2	17-1/2 X 24-1/2 X 1-3/4	1560	.26	14.2
DMK80-STD2	20 X 20 X 2	19-1/2 X 19-1/2 X 1-3/4	1390	.26	12.4
DMK80-STD2	20 X 24 X 2	19-3/8 X 23-3/8 X 1-3/4	1665	.26	14.8
DMK80-STD2	20 X 25 X 2	19-1/2 X 24-1/2 X 1-3/4	1735	.26	15.5
DMK80-STD2	20 X 30 X 2	19-3/4 X 29-3/4 X 1-3/4	2080	.26	18.7
DMK80-STD2	24 X 24 X 2	23-3/8 X 23-3/8 X 1-3/4	2000	.26	17.9
DMK80-STD2	25 X 25 X 2	24-1/2 X 24-1/2 X 1-3/4	2170	.26	20.0



STANDARD CONSTRUCTION

1. 100% Synthetic White Un-Dyed Media
2. 15 Pleats Per Foot
3. Expanded Metal Pleat Supports
4. Moisture Resistant Beverage Board Frame
5. Double Wall Frame

NOTES

1. MERV 8 ASHRAE 52.2-2007 After Conditioning
2. Final Resistance: 1.0" W.G.
3. Rated Velocity: 500 FPM
4. Class 2 Filter per U.L. Standard 900
5. Maximum Operating Temperature: 225 DEG. F

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**CONTACT FACTORY TO
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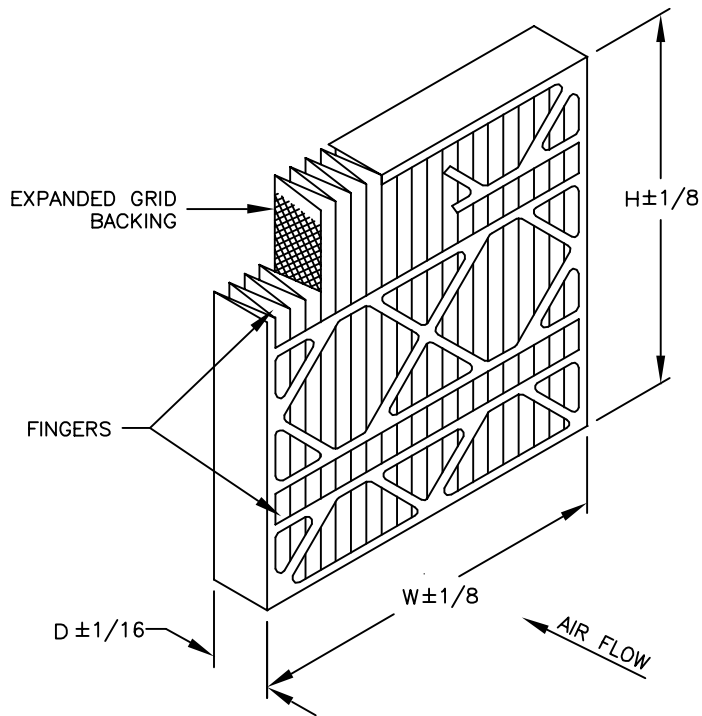
FRACTIONAL	-
DECIMAL	-
ANGLES	-

ALL DIMENSIONS IN INCHES

DRAWING NAME
DEFIANT MARK 80 D PLEAT (2" DEPTH)

APPROVED BY <i>K. Q...</i>	SPECIFICATION NO. MKT-P-00567	PAGE 1 OF 1
SCALE NONE	DWG. SIZE A	REVISION NEW
REVISION DATE 7-25-2008		

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MODEL NUMBER	NOMINAL SIZE IN. W X H X D	ACTUAL SIZE IN. W X H X D	RATED AIR FLOW CFM	INITIAL RESISTANCE IN. W.G.	MEDIA AREA SQ. FT.
DMK80-STD4	12 X 24 X 4	11-3/8 X 23-3/8 X 3-3/4	1000	.18	12.4
DMK80-STD4	16 X 20 X 4	15-1/2 X 19-1/2 X 3-3/4	1100	.18	14.6
DMK80-STD4	16 X 25 X 4	15-1/2 X 24-1/2 X 3-3/4	1390	.18	18.3
DMK80-STD4	18 X 24 X 4	17-3/8 X 23-3/8 X 3-3/4	1500	.18	19.9
DMK80-STD4	20 X 20 X 4	19-1/2 X 19-1/2 X 3-3/4	1390	.18	18.8
DMK80-STD4	20 X 24 X 4	19-3/8 X 23-3/8 X 3-3/4	1665	.18	22.4
DMK80-STD4	20 X 25 X 4	19-3/8 X 24-3/8 X 3-3/4	1735	.18	23.5
DMK80-STD4	24 X 24 X 4	23-3/8 X 23-3/8 X 3-3/4	2000	.18	27.4
DMK80-STD4	25 X 29 X 4	24-1/2 X 28-1/2 X 3-3/4	2500	.18	32.6
DMK80-STD4	28 X 30 X 4	27-1/2 X 29-1/2 X 3-3/4	2900	.18	38.5

STANDARD CONSTRUCTION

1. 100% Synthetic White Un-Dyed Media
2. 11 Pleats per Foot
3. Expanded Metal Pleat Supports
4. Moisture Resistant Beverage Board Frame
5. Double Wall Frame
6. (2) Rows of Fingers on Air Entering Side

NOTES

1. MERV 8 ASHRAE 52.2-2007 After Conditioning
2. Final Resistance: 1.0" W.G.
3. Rated Velocity: 500 FPM
4. Class 2 Filter per U.L. Standard 900
5. Maximum Operating Temperature: 225 DEG. F

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**TOLERANCES
 UNLESS OTHERWISE SPECIFIED**

FRACTIONAL -
 DECIMAL -
 ANGLES -

ALL DIMENSIONS IN INCHES

DRAWING NAME

DEFIANT MARK 80-D PLEAT (4" DEPTH)

APPROVED BY *K. Quinn*

SPECIFICATION NO. **MKT-P-00568**

PAGE **1 OF 1**

SCALE **NONE**

DWG. SIZE **A**

REVISION **NEW**

REVISION DATE **7-25-2008**

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