

| 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
1. 100% Synthetic White Un-Dyed Media
 2. 14 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: 300 FPM
 4. Class 2 Filter Per U.L. Standard 900
 5. Maximum Operating Temperature: 225 DEG F.

Purolator Air Cleaning Specialists
 11088 Gravois Industrial Ct.
 St. Louis, MO 63128
 (866) 455-2128
 purolatorfilters.com

CONTACT FACTORY TO
 VERIFY REVISION LEVEL

TOLERANCES
 UNLESS OTHERWISE SPECIFIED

FRACTIONAL —
 DECIMAL —
 ANGLES —

ALL DIMENSIONS IN INCHES

DRAWING NAME

DEFIANT MARK 80 D (1" DEPTH)

APPROVED BY

K.C.

SPECIFICATION NO.

MKT-P-00566

PAGE

1 OF 1

SCALE

NONE

DWG. SIZE

A

REVISION

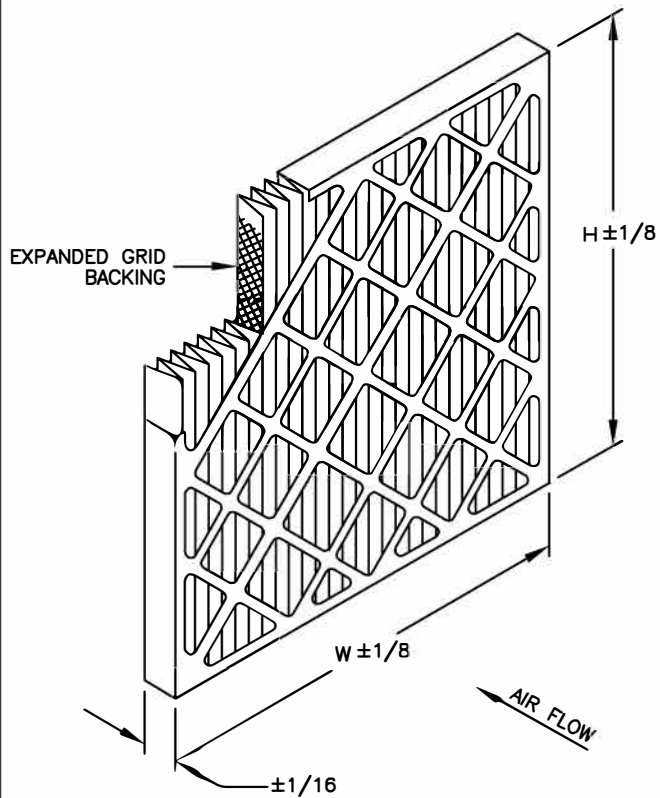
NEW

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

- 100% Synthetic White Un-Dyed Media
- 15 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: 500 FPM
- Class 2 Filter per U.L. Standard 900
- Maximum Operating Temperature: 225 DEG. F

Purolator
 Air Cleaning Specialists
 11088 Gravois Industrial Ct.
 St. Louis, MO 63128
 (866) 455-2128
 purolatorfilters.com

CONTACT FACTORY TO
 VERIFY REVISION LEVEL

**TOLERANCES
 UNLESS OTHERWISE SPECIFIED**

FRACTIONAL —
 DECIMAL —
 ANGLES —

ALL DIMENSIONS IN INCHES

DRAWING NAME

DEFIANT MARK 80 D PLEAT (2" DEPTH)

APPROVED BY

K. Cl...

SPECIFICATION NO.

MKT-P-00567

PAGE

1 OF 1

SCALE

NONE

DWG. SIZE

A

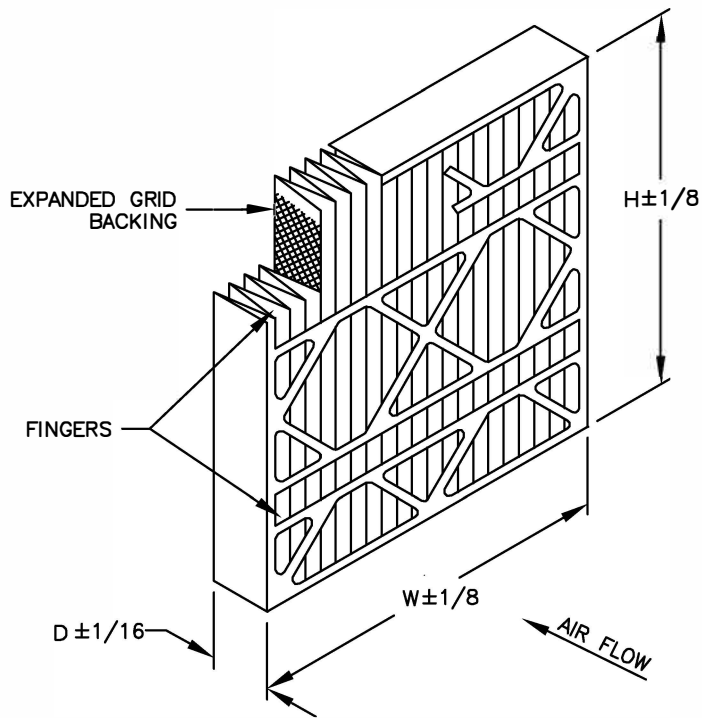
REVISION

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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CONTACT FACTORY TO
VERIFY REVISION LEVEL

TOLERANCES UNLESS OTHERWISE SPECIFIED

FRACTIONAL —
 DECIMAL —
 ANGLES —

ALL DIMENSIONS IN INCHES

DRAWING NAME

DEFIANT MARK 80-D PLEAT (4" DEPTH)

| | | |
|-----------------------------|----------------------------------|----------------------------|
| APPROVED BY <i>K. O.</i> | 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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