

# QUALITYFILTERS, INC.

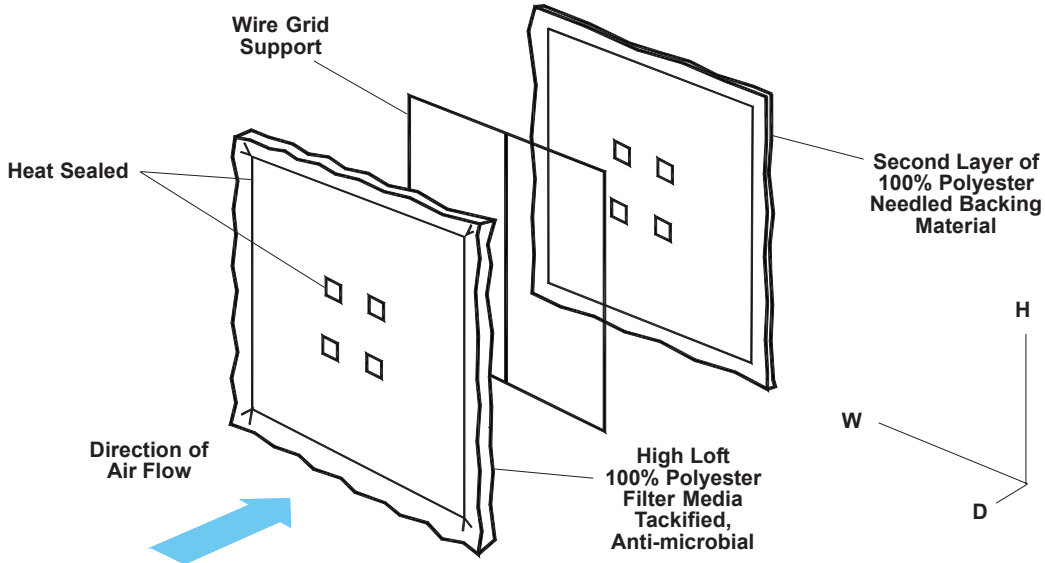
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## Quality Seal RPDXM8 - RLDXM8 High Loft Polyester MERV 8 Ring Panel Filters

Date 25 Jan 11	Dwg No.	Rev
Date 25 Jan 11	<b>Q-110048</b>	



### Notes:

Quality Seal RPDXM8 Polyester Ring Panels and RLDXM8 Linked Panel Filters are available in 1" thick 4 ply panels. These panels are constructed of a blend of four different fiber deniers in two polyester layers sealed around an internal support wire.

Media layers are graduated density - the air entering layer is 1" tackified poly and has larger, more open fibers for good dust loading, with anti-microbial agent. The air exit layer is 1/2" needed poly with smaller, tighter woven fibers for high efficiency.

Heavy gauge galvanized internal support wire assures stability under high air velocity and heavy dirt loading.

Media overlap around all edges provides an air-tight seal to prevent dust bypass. Center seal pattern holds the polyester layers together to prevent sagging and fluttering.

A non-migrating tackifier applied to the downstream side of each panel acts as a final layer of defense by trapping and holding dust.

Custom size panels and links are available in media combinations of your choice.

### Size Availability Chart

Nominal Width (in.)	Number of Panels per Filter						
	Nominal Height (in.)						
	10	12	15	16	20	24	25
20	1	-	1	1	1	-	-
24	-	1	-	-	1	1	-
25	-	-	-	1	1	-	1
32	-	-	-	-	2	-	2
40	2	-	2	2	2	2	2
48	-	2	-	-	2	2	2
50	-	-	-	2	2	-	2
60	3	-	3	3	3	3	3
64	-	-	-	-	3	-	3
72	-	3	-	-	3	3	-
75	-	-	-	3	3	-	3
80	4	-	4	4	4	4	4
96	-	4	-	-	4	4	4
100	5	-	5	4	4	4	4
120	6	5	6	6	6	6	6
125	-	-	-	5	5	-	5
144	-	6	-	-	6	6	-
150	-	-	-	6	6	-	6

### Part Number Guide

Product Code	Depth	Nominal Dimensions
RPDXM8	1	WxH
RLDXM8	1	WxH

#### Examples:

RPDXM81020 = Ring Panel DXM8, 1 in depth, 10x20

RLDXM810100 = Ring Links DXM8, 1 in depth, 10x100

Quality Seal Ring Panels and Links are also available in custom sizes.

### Performance Data - Quality Seal Ring Panel Filters

Product Code	ASHRAE 52.2 - 1999				Initial Resistance "w.g."	Final Resistance "w.g."
	MERV Value	E1 %	E2 %	E3 %	@ 300 fpm	@ 300 fpm
RPDXM8	8*	n/a	n/a	n/a	0.20	1.00

\* Minimum Performance expectation -Test Data pending

Characteristics	Quality Seal Ring Panel Filters
Filter Media, Air Entry Layer	1 inch thick; 6, 15 and 40 denier tackified polyester blend with anti-microbial agent.
Filter Media, Air Exit Layer	0.5 inch thick; 6 and 4 denier needed polyester blend
Support Grid	0.148 inch (9 gauge) galvanized steel wire frame and cross wire
Assembly Technique	Thermally welded media encapsulating the support grid.
Max. Temperature	100°F (38°C) continuous service, Peaks 120°F (49°C)
Max. Humidity	Resistant to 100% R.H.