

#### Notes:

Quality Seal RPDx2 Polyester Ring Panels and RLDx2 Linked Panel Filters are available in 2" thick 2 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 1-1/2" tackified poly and has larger, more open fibers for good dust loading. The air exit layer is 1/2" tackified poly with smaller, tighter woven fibers for high efficiency.

Heavy gage 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<br>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  |


#### Performance Data

| Product Code | ASHRAE 52.2 - 1999 |      |      |      | Initial Resistance "w.g." @ 300 fpm | Final Resistance "w.g." |
|--------------|--------------------|------|------|------|-------------------------------------|-------------------------|
|              | MERV Value         | E1 % | E2 % | E3 % |                                     |                         |
| RPDX2        | < 5                | n/a  | n/a  | n/a  | 0.20                                | 1.00                    |

#### Part Number Guide

| Product Code | Depth | Nominal Dimensions | Examples:  |
|--------------|-------|--------------------|--|
| RPDX         | 2     | WxH                | RPDX21020 =<br>Ring Panel DX 2 in depth, 10x20   |
| RLDX         | 2     | WxH                | RLDX210100 =<br>Ring Links DX 2 in depth, 10x100 |

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

| Characteristics                      | Quality Seal Ring Panel Filters                                |  <b>QUALITY FILTERS, INC.</b><br><small>THINKSIMPLE. THINKSMART. THINKQUALITY.</small><br>23351 Grissom Drive<br>Robertsdale, AL 36567<br>www.QualityFilters.com<br>Phone: (251) 947-2400<br>Order Fax: (251) 947-2499<br>Sales Fax: (251) 947-7948 |                |                            |                      |
|--------------------------------------|--|--|----------------|----------------------------|----------------------|
| <b>Filter Media, Air Entry Layer</b> | 1.5 inch thick; 6, 15 and 40 denier tackified polyester blend  |  |                |                            |                      |
| <b>Filter Media, Air Exit Layer</b>  | 0.5 inch thick; 6 and 3 denier tackified polyester blend       |  |                |                            |                      |
| <b>Support Grid</b>                  | 0.148 inch (9 gage) galvanized steel wire frame and cross wire |  |                |                            |                      |
| <b>Assembly Technique</b>            | Thermally welded media encapsulating the support grid          |  |                |                            |                      |
| <b>Max. Temperature</b>              | 100°F (38°C) continuous service, Peaks to 120°F (49°C)         |  |                |                            |                      |
| <b>Max. Humidity</b>                 | Resistant to 100% R.H.   |  |                |                            |                      |
|                                      |  | DR JJS   | Date 29 Sep 07 | Dwg No.<br><b>Q-110004</b> | Revision<br><b>A</b> |
|                                      |  | CK JH  | Date 29 Sep 07 |                            |                      |