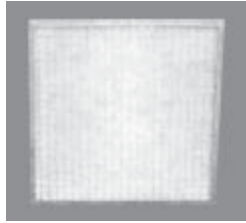


PRODUCT DATA
FILTER-LINE™
SERIES PDW
PD-FLPDW-03A
JANUARY 2003

AIR FILTERS

FILTER-LINE™
SERIES PDW
PERMANENT DRY WASHABLE FILTERS
1/2", 1" AND 2" DEEP

Description



The FILTER-LINE™ Series PDW — Permanent Dry Washable Filters are designed to provide effective low efficiency filtration in a reusable manner. PDW Filters are constructed of a .032 aluminum enclosing frame, polyester fiber media pad and hot dipped galvanized hardware cloth supports on both the air-entering and the air-leaving sides of the filter. The Permanent Dry Washable Filters are adhesive-free and may be cleaned and reused 10 to 30 times, depending upon care and application environment. Available in (6) standard sizes and (3) frame depths, the PDW Filters can be used in a wide variety of filter applications.

Construction

.032 ALUMINUM ENCLOSING FRAME

Permanent Dry Washable Filters are fabricated from a .032 roll formed enclosing frame. Frame is notched, folded and secured with a pop rivet tab. All corners are mitered for safe handling.

HIGH DENSITY POLYESTER MEDIA PAD

Permanent Dry Washable Filters utilize a high density polyester media. The media is dry with no tackifier and is water resistant to withstand many washings. Media is designed for long filter life.

AIR-ENTERING/LEAVING MEDIA SUPPORTS

On the air-entering and air-leaving sides, PDW Filters are supported by a hot dipped galvanized hardware cloth. Supports stabilize the filter media and increase overall filter rigidity.

100% CORROSION RESISTANT DESIGN

Permanent Dry Washable Filters are 100% corrosion resistant to withstand normal water washings. A water soluble detergent may be used, however caustic chemicals should be avoided.

STANDARD SIZE PDW FILTERS

Permanent Dry Washable Filters are available in (6) standard frame sizes and (3) filter frame depths. Filters may be used in grilles/diffusers, unit ventilators, air intakes, holding frames, etc.

SPECIAL SIZE PDW FILTERS

PDW Filters can be fabricated in custom frame sizes for special applications. Special frame construction features are the same as standard units. Please consult factory for information.

Dimensional Data

SERIES PDW — 1/2" Deep
PERMANENT DRY
WASHABLE AIR FILTERS

MODEL NUMBER	NOMINAL SIZE
FLPDW/1224	12 x 24 x 1/2
FLPDW/1620	16 x 20 x 1/2
FLPDW/1625	16 x 25 x 1/2
FLPDW/2020	20 x 20 x 1/2
FLPDW/2025	20 x 25 x 1/2
FLPDW/2424	24 x 24 x 1/2

SERIES PDW — 1" Deep
PERMANENT DRY
WASHABLE AIR FILTERS

MODEL NUMBER	NOMINAL SIZE
FLPDW11224	12 x 24 x 1
FLPDW11620	16 x 20 x 1
FLPDW11625	16 x 25 x 1
FLPDW12020	20 x 20 x 1
FLPDW12025	20 x 25 x 1
FLPDW12424	24 x 24 x 1

SERIES PDW — 2" Deep
PERMANENT DRY
WASHABLE AIR FILTERS

MODEL NUMBER	NOMINAL SIZE
FLPDW21224	12 x 24 x 2
FLPDW21620	16 x 20 x 2
FLPDW21625	16 x 25 x 2
FLPDW22020	20 x 20 x 2
FLPDW22025	20 x 25 x 2
FLPDW22424	24 x 24 x 2

Performance Data

SERIES PDW	INITIAL RESISTANCE @ 300 FPM	RECOMMENDED FINAL RESISTANCE	ARRESTANCE VALUE
1/2"	.21	.50	81%
1"	.25	.50	89%
2"	.41	1.00	91.2%

MODEL NUMBER KEY
FLPDW11620

Insert model number extension to complete model number.

FL- FILTER-LINE™
PDW- Permanent Dry Washable Filter
1- Unit Depth
16- Unit Width
20- Unit Height

Notes:

- Actual dimensions are as follows: 12x24 and 24x24 are 5/8" under width and height, all others are 1/2" under size shown.
- Depths are as follows: 1/2" - 3/8", 1" - 13/16", and 2" - 1 7/8".

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We reserve the right to make changes in product design and product specifications without prior notice or obligation.

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