

Pleated media panel filter

- Ecologically advanced filtration medium made entirely from recycled materials.
- Media maximizing V-pleat design
- Expanded metal grid prevents media flutter while in operation
- Diagonal and horizontal support members provide frame strength
- Filter media pack is sealed to eliminate air bypass
- Average efficiency is 30-35% per ASHRAE 52.1-92
- Average arrestance is 93%•
- MERV Rating 8 per ASHRAE 52.2-99



The new MERV 8 Pre Pleat 40 filter features a filtering medium that is more efficient AND ecologically friendly. Made entirely from recycled materials, this medium achieves MERV 8 efficiency with low resistance to airflow. It is also unaffected by high humidity and is hydrophobic (non-moisture absorbing.)

Pre Pleat 40 filters can upgrade existing flat panels as well as MERV 6 & 7 pleated filters currently being used with little increase in resistance. All PrePleat 40 filters are 30-35% efficient by ASHRAE 52.1-92 and MERV 8 per ASHRAE 52.2-99.

These filters are suitable for variable air volume systems. Operating face velocity ranges are from 0 to 500 fpm for 1 in. and 2 in. filters, and from 0 to 625 fpm for 4 in. filters. Pre Pleat 40 filters are UL 900 Class 2 listed but are available with UL Class 1 listing.

Physical Data

Media: 100% Non-woven synthetic media manufactured from recycled material

Media Support: Diamond-shaped expanded metal

Pleat Design: V Pleat

Frame: Moisture-resistant clay coated frame made with recycled material

Size Range (micron)	Initial Fractional Efficiency (%)
0.35	1.0
0.475	3.0
0.625	9.6
0.85	23.3
1.15	33.8
1.45	42.3
1.9	51.7
2.6	63.4
3.5	71.5
4.75	74.9
6.25	78.3
8.5	83.0

Item No.	Model	Description	Qty/Case
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1" Standard Model 40 Pleat

PA2832	80055.011010	10X10X1 STD CAP MODEL 40 PLEAT	12
PA2833	80055.011020	10X20X1 STD CAP MODEL 40 PLEAT	12
PA2834	80055.011220	12X20X1 STD CAP MODEL 40 PLEAT	12
PA2835	80055.011224	12X24X1 STD CAP MODEL 40 PLEAT	12
PA2836	80055.011420	14X20X1 STD CAP MODEL 40 PLEAT	12
PA2837	80055.011425	14X25X1 STD CAP MODEL 40 PLEAT	12
PA2838	80055.011520	15X20X1 STD CAP MODEL 40 PLEAT	12
PA2839	80055.011620	16X20X1 STD CAP MODEL 40 PLEAT	12
PA2840	80055.011625	16X25X1 STD CAP MODEL 40 PLEAT	12
PA2841	80055.011824	18X24X1 STD CAP MODEL 40 PLEAT	12
PA2842	80055.011825	18X25X1 STD CAP MODEL 40 PLEAT	12
PA2843	80055.012020	20X20X1 STD CAP MODEL 40 PLEAT	12
PA2844	80055.012024	20X24X1 STD CAP MODEL 40 PLEAT	12
PA2845	80055.012025	20X25X1 STD CAP MODEL 40 PLEAT	12
PA2846	80055.012030	20X30X1 STD CAP MODEL 40 PLEAT	12
PA2847	80055.012424	24X24X1 STD CAP MODEL 40 PLEAT	12
PA2848	80055.012525	25X25X1 STD CAP MODEL 40 PLEAT	12

2" Standard Model 40 Pleat

PA2438	80055.021020	10X20X2 STD CAP MODEL 40 PLEAT	12
PA2439	80055.021220	12X20X2 STD CAP MODEL 40 PLEAT	12
PA2440	80055.021224	12X24X2 STD CAP MODEL 40 PLEAT	12
PA2441	80055.021420	14X20X2 STD CAP MODEL 40 PLEAT	12
PA2442	80055.021425	14X25X2 STD CAP MODEL 40 PLEAT	12
PA2443	80055.021520	15X20X2 STD CAP MODEL 40 PLEAT	12
PA2444	80055.021620	16X20X2 STD CAP MODEL 40 PLEAT	12
PA2445	80055.021624	16X24X2 STD CAP MODEL 40 PLEAT	12
PA2446	80055.021625	16X25X2 STD CAP MODEL 40 PLEAT	12
PA2447	80055.021824	18X24X2 STD CAP MODEL 40 PLEAT	12
PA2448	80055.022020	20X20X2 STD CAP MODEL 40 PLEAT	12
PA2449	80055.022024	20X24X2 STD CAP MODEL 40 PLEAT	12
PA2450	80055.022025	20X25X2 STD CAP MODEL 40 PLEAT	12
PA2451	80055.022424	24X24X2 STD CAP MODEL 40 PLEAT	12

Item No.	Model	Description	Qty/Case
PA2452	80055.022525	25X25X2 STD CAP MODEL 40 PLEAT	12
4" Standard Model 40 Pleat			
PA2849	80055.041224	12X24X4 STD CAP MODEL 40 PLEAT	6
PA2850	80055.041620	16X20X4 STD CAP MODEL 40 PLEAT	6
PA2851	80055.041625	16X25X4 STD CAP MODEL 40 PLEAT	6
PA2852	80055.041824	18X24X4 STD CAP MODEL 40 PLEAT	6
PA2853	80055.042020	20X20X4 STD CAP MODEL 40 PLEAT	6
PA2854	80055.042024	20X24X4 STD CAP MODEL 40 PLEAT	6
PA2855	80055.042025	20X25X4 STD CAP MODEL 40 PLEAT	6
PA2856	80055.042424	24X24X4 STD CAP MODEL 40 PLEAT	6
PA2857	80055.042529	25X29X4 STD CAP MODEL 40 PLEAT	6
PA2858	80055.042830	28X30X4 STD CAP MODEL 40 PLEAT	6
1" Custom Model 40 Pleat			
PA2859	80055.01199	0-199" 1" Custom Model 40 STD CAP. PLT	12
PA2860	80055.01299	200-299" 1" Custom Model 40 STD CAP. PLT	12
PA2861	80055.01399	300-399" 1" Custom Model 40 STD CAP. PLT	12
PA2862	80055.01499	400-499" 1" Custom Model 40 STD CAP. PLT	12
PA2863	80055.01599	500-599" 1" Custom Model 40 STD CAP. PLT	12
PA2864	80055.01699	600-699" 1" Custom Model 40 STD CAP. PLT	12
PA2865	80055.01750	700-750" 1" Custom Model 40 STD CAP. PLT	12
2" Custom Model 40 Pleat			
PA2866	80055.02199	0-199" 2" Custom Model 40 STD CAP. PLT	12
PA2867	80055.02299	200-299" 2" Custom Model 40 STD CAP. PLT	12
PA2868	80055.02399	300-399" 2" Custom Model 40 STD CAP. PLT	12
PA2869	80055.02499	400-499" 2" Custom Model 40 STD CAP. PLT	12
PA2870	80055.02599	500-599" 2" Custom Model 40 STD CAP. PLT	12
PA2871	80055.02699	600-699" 2" Custom Model 40 STD CAP. PLT	12
PA2872	80055.02750	700-750" 2" Custom Model 40 STD CAP. PLT	12
4" Custom Model 40 Pleat			
PA2873	80055.04199	0-199" 4" Custom Model 40 STD CAP. PLT	6

Item No.	Model	Description	Qty/Case
PA2874	80055.04299	200-299" 4" Custom Model 40 STD CAP. PLT	6
PA2875	80055.04399	300-399" 4" Custom Model 40 STD CAP. PLT	6
PA2876	80055.04499	400-499" 4" Custom Model 40 STD CAP. PLT	6
PA2877	80055.04599	500-599" 4" Custom Model 40 STD CAP. PLT	6
PA2878	80055.04699	600-699" 4" Custom Model 40 STD CAP. PLT	6
PA2879	80055.04750	700-750" 4" Custom Model 40 STD CAP. PLT	6
1" Custom Model 40 Pleat Double			
PA2880	80055D01399	180-399" 1" Custom STD CAP 40 DBL	12
PA2881	80055D01599	400-599" 1" Custom STD CAP 40 DBL	12
PA2882	80055D01799	600-799" 1" Custom STD CAP 40 DBL	12
PA2883	80055D01999	800-999" 1" Custom STD CAP 40 DBL	12
PA2884	80055D011199	1000-1199" 1" Custom STD CAP 40 DBL	12
PA2885	80055D011399	1200-1399" 1" Custom STD CAP 40 DBL	12
PA2886	80055D011500	1400-1500" 1" Custom STD CAP 40 DBL	12
2" Custom Model 40 Pleat Double			
PA2887	80055D02399	180-399" 2" Custom STD CAP 40 DBL	12
PA2888	80055D02599	400-599" 2" Custom STD CAP 40 DBL	12
PA2889	80055D02799	600-799" 2" Custom STD CAP 40 DBL	12
PA2890	80055D02999	800-999" 2" Custom STD CAP 40 DBL	12
PA2891	80055D021199	1000-1199" 2" Custom STD CAP 40 DBL	12
PA2892	80055D021399	1200-1399" 2" Custom STD CAP 40 DBL	12
PA2893	80055D021500	1400-1500" 2" Custom STD CAP 40 DBL	12
4" Custom Model 40 Pleat Double			
PA2894	80055D04399	180-399" 4" Custom STD CAP 40 DBL	6
PA2895	80055D04599	400-599" 4" Custom STD CAP 40 DBL	6
PA2896	80055D04799	600-799" 4" Custom STD CAP 40 DBL	6
PA2897	80055D04999	800-999" 4" Custom STD CAP 40 DBL	6
PA2898	80055D041199	1000-1199" 4" Custom STD CAP 40 DBL	6
PA2899	80055D041399	1200-1399" 4" Custom STD CAP 40 DBL	6
PA2900	80055D041500	1400-1500" 4" Custom STD CAP 40 DBL	6

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