

# Duo-Cube Series

## Extended Surface Synthetic Media Air Filters

### Koch Duo-Cube Filters

Medium efficiency, extended surface filters constructed of 100% synthetic fibers to meet the requirements found in various air handling systems. Duo-Cubes are offered in four media types: 1 Ply, 2 Ply, 3 Ply and 4 Ply. All four are engineered to provide an excellent combination of efficiency and extended filter life cycles and are available in Standard style (without an internal wire frame, for use in existing cube-type baskets without modification to equipment) and in Self-Seal style (with an internal wire frame designed to fit standard holding frames without clips or fasteners, and eliminate air bypass).



#### 1 PLY DUO-CUBE

- Single density 1 ply media with scrim backing provides durability and rigidity.
- An economical alternative designed for low resistance.
- Constructed with 100% synthetic media to resist high moisture conditions.
- Superior dust holding capacity provides long filter life.
- MERV 6 performance rating (ASHRAE Test Standard 52.2-2012).



#### 2 PLY DUO-CUBE

- A dual ply, gradient density media improves efficiency for critical applications
- Available in dry or tackified versions, adaptable to most uses.
- Constructed with 100% synthetic media to resist high moisture conditions.
- Superior dust holding capacity and high efficiency in an energy efficient design.
- Self-Seal model eliminates air bypass and requires no clips or fasteners.
- MERV 7 performance rating (ASHRAE Test Standard 52.2-2012).



#### 3 PLY DUO-CUBE

- A three-ply blend of structured medias for the high medium efficiency.
- Anti-microbial treated media provides exceptional protection.
- Allows for easy upgrade from conventional panel filters.
- Progressively dense 100% synthetic media offers extraordinary combination of resistance to moisture, efficiency and dust holding capacity.
- Self-Seal model eliminates air bypass and requires no clips or fasteners.
- MERV 8 performance rating (ASHRAE Test Standard 52.2-2012).



#### 4 PLY DUO-CUBE

- A four-ply blend of structured medias for the highest medium efficiencies.
- Anti-Microbial treated MERV 8 media provides exceptional protection.
- Highest performance capabilities of any filter in the Duo-Cube series.
- 4-Ply Duo-Cube offers the best overall filtration performance of any filter in the Duo-Cube Series.
- Self-Seal model eliminates air bypass and requires no clips or fasteners.
- MERV 8 performance rating (ASHRAE Test Standard 52.2-2012).

## Duo-Cube Technical Data and Performance Specifications

Nominal Size	Capacity (CFM)	Media Area (Sq. Ft.)	Initial Resistance (In. W.G.)			
			1 Ply	2 Ply	3 Ply	4 Ply
16x20x8	800	6.2	.10	.13	.15	.16
16x25x8	1000	7.3	.10	.13	.15	.16
20x20x8	1000	7.2	.10	.13	.15	.16
20x25x8	1200	7.8	.10	.13	.15	.16
24x24x8	1500	9.3	.10	.13	.15	.16
16x20x11	1000	7.7	.15	.20	.22	.24
16x25x11	1300	9.0	.15	.20	.22	.24
20x20x11	1300	8.9	.15	.20	.22	.24
20x25x11	1500	11.4	.15	.20	.22	.24
24x24x11	1700	11.3	.15	.20	.22	.24
16x20x15	1100	9.7	.19	.26	.29	.32
16x25x15	1400	11.3	.19	.26	.29	.32
20x20x15	1400	11.1	.19	.26	.29	.32
20x25x15	1750	12.9	.19	.26	.29	.32
24x24x15	2000	14.0	.19	.26	.29	.32
16x20x20	1800	12.2	.23	.31	.35	.38
16x25x20	2000	14.2	.23	.31	.35	.38
20x20x20	2000	13.9	.23	.31	.35	.38
20x25x20	2300	16.0	.23	.31	.35	.38

Performance data is based on ASHRAE Test Standards 52.1-1999 and 52.2-2007.



**KOCH FILTER**  
PURE PERFORMANCE

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