



Flexible Duct

- Rated positive pressure: 10" WC per UL 181
- Velocity: 5,000 fpm
- Standard lengths: 25 ft.
- Flame spread/smoke developed: < 25 / < 50
- Rated for indoor use

Recommended operating press.: 3/4" WC neg., all dia.; 6" WC pos., all dia. except 4" WC pos. for 14" to 18" dia. Temp. range: uninsulated duct -20° to 180°F; insulated duct -20° to 140°F @ max. press. and -20° to 180°F @ 2" pos. WC max.

Code Compliance—UL 181, NFPA 90A and 90B, ICC, HUD, Cities of Chicago, New York, San Francisco, and County of Dade (Fla.).

Note: Check with the local code body having jurisdiction in your area to determine applicable codes.

UV Exposure—Flexible duct is for indoor use only and should not be installed in direct or indirect sunlight.

Installations where sunlight enters through turbine vents, skylights, canopy windows, etc., should be avoided.
Insulated—Feature double-ply vapor barrier with tridirectional reinforcements. All-purpose ducts are gray polyester. Premium ducts are metallized polyester.

Note: R-Values are in accordance with ADC Flexible Duct Performance and Installation Standards (2003) using ASTM C-518 at installed wall thickness on flat insulation only.

Uninsulated—Class 1 air connector is a triple lamination of metallized polyester, aluminum foil, and polyester film, encapsulating a steel wire helix.

UPC No.	Flex. Duct Dia.	Flex. Wall Thickness	Flex. Duct Vapor Transmission	Mr. Model	Item No.
All Purpose Insulated, R-Value = 4.2 / Class 1					
70	4 in	1 1/4 in	0.6	17002504	3F327
70	6 in	1 1/4 in	0.6	17002506	3F328
70	8 in	1 1/4 in	0.6	17002508	3F329
70	10 in	1 1/4 in	0.6	17002510	3F330
70	12 in	1 1/4 in	0.6	17002512	3F331
70	14 in	1 1/4 in	0.6	17002514	5E279
70	16 in	1 1/4 in	0.6	17002516	5E280
All-Purpose Insulated, R-Value = 6.0					
76	4 in	2 in	0.6	17602504	5E282
76	6 in	2 in	0.6	17602506	5E283
76	8 in	2 in	0.6	17602508	5E284
76	10 in	2 in	0.6	17602510	5E285
76	12 in	2 in	0.6	17602512	5E286
76	14 in	2 in	0.6	17602514	5E287
76	18 in	2 in	0.6	17602518	5E289
All-Purpose Insulated, R-Value = 8.0					
78	4 in	2 1/2 in	0.6	17802504	4TVN6
78	6 in	2 1/2 in	0.6	17802506	4TVN7

UPC No.	Flex. Duct Dia.	Flex. Wall Thickness	Flex. Duct Vapor Transmission	Mr. Model	Item No.
Premium Insulated, R-Value = 4.2					
30	4 in	1 1/4 in	0.05	13002504	3F322
30	6 in	1 1/4 in	0.05	13002506	3F323
30	8 in	1 1/4 in	0.05	13002508	3F324
30	10 in	1 1/4 in	0.05	13002510	3F325
30	12 in	1 1/4 in	0.05	13002512	3F326
30	14 in	1 1/4 in	0.05	13002514	5E268
Premium Insulated, R-Value = 6.0					
36	4 in	2 in	0.05	13602504	5E271
36	6 in	2 in	0.05	13602506	5E272
36	8 in	2 in	0.05	13602508	5E273
36	10 in	2 in	0.05	13602510	5E274
36	12 in	2 in	0.05	13602512	5E275
Premium Insulated, R-Value = 8.0					
31	4 in	2 1/2 in	0.05	13102504	4PDN5
31	6 in	2 1/2 in	0.05	13102506	4TVL9
31	8 in	2 1/2 in	0.05	13102508	4TVN1
31	10 in	2 1/2 in	0.05	13102510	4TVN2
31	12 in	2 1/2 in	0.05	13102512	4TVN3
31	14 in	2 1/2 in	0.05	13102514	4TVN4
31	16 in	2 1/2 in	0.05	13102516	4TVN5
31	18 in	2 1/2 in	0.05	13102518	4TVN4
Uninsulated					
50	3 in	1/2 in	0.05	05102503	3F332
50	4 in	1/2 in	0.05	05102504	3F333
50	6 in	1/2 in	0.05	05102506	3F334
50	8 in	1/2 in	0.05	05102508	3F335
50	10 in	1/2 in	0.05	05102510	3F336
50	12 in	1/2 in	0.05	05102512	5E290
50	14 in	1/2 in	0.05	05102514	5E291
50	16 in	1/2 in	0.05	05102516	5E292
50	18 in	1/2 in	0.05	05102518	5E293

Diffusers, Dampers, and Collars

Diffusers—Round diffusers, with overlapping step-down rings, are compatible with butterfly dampers. Square diffusers provide high-volume air diffusion; multilouver models control air volume. Perforated diffusers have a clean, unbroken-plane look and reduce noise in low-volume air applications.

Diffusers, Adjustable Filtered—Separate directional diffusers on 4 sides, to provide air flow control. Compatible with T-bar ceilings. Connect duct to back pan and snap closed. Back pan and electrostatic filter included.

Butterfly Dampers—Adjust through center hole in diffuser; removable handle included.



4MJPS

Return Air Grilles

Surface treatments are dual electrocoated/ powder-coated for excellent corrosion resistance. All-steel construction; white finish. Filter Grilles have hinged face and accommodate standard 1" filters, sold separately on page 3047.

Note: Actual wall opening should be 3/8" larger than max. duct size.

Max. Duct Height (in.)	Max. Duct Width (in.)	Overall H (in.)	Overall W (in.)	1/2 in Bar Spacing Item No.	1/2 in Bar Spacing Item No.
Return Air Grille					
6 in	7 3/4 in	7 3/4 in	4MJN2	—	—
10 in	7 3/4 in	11 3/4 in	4JRR6	4MJP5	—
12 in	7 3/4 in	13 3/4 in	4JRR7	4MJP7	—
14 in	7 3/4 in	15 3/4 in	—	4MJP9	—
24 in	7 3/4 in	25 3/4 in	4MJP1	4MJR4	—
8 in	9 3/4 in	9 3/4 in	4MJN3	4MJP4	—
12 in	9 3/4 in	13 3/4 in	4MJN5	—	—
14 in	9 3/4 in	15 3/4 in	—	4MJR1	—
16 in	9 3/4 in	17 3/4 in	—	4MJR3	—
24 in	9 3/4 in	25 3/4 in	—	4MJR7	—
30 in	9 3/4 in	31 3/4 in	4MJP3	4MJR9	—
10 in	11 3/4 in	11 3/4 in	4MJN4	4MJP6	—
12 in	11 3/4 in	13 3/4 in	4MJN7	—	—
14 in	11 3/4 in	15 3/4 in	4JRR8	4MJP8	—
16 in	11 3/4 in	17 3/4 in	4JRT1	4MJR2	—
20 in	11 3/4 in	21 3/4 in	4MJN9	4MJR4	—
24 in	11 3/4 in	25 3/4 in	4JRT2	4MJR5	—
24 in	11 3/4 in	25 3/4 in	4JRT2	4MJP2	—
Return Air Baseboard Grille					
6 in	14 in	15 3/4 in	—	4MJW2	—
8 in	14 in	15 3/4 in	—	4MJW3	—
8 in	30 in	31 3/4 in	—	4MJW5	—
Filtered Return Air Grille					
12 in	12 in	14 31/50 in	14 31/50 in	4MJT1	—
12 in	24 in	14 31/50 in	26 31/50 in	4JRT9	—
12 in	14 in	16 31/50 in	16 31/50 in	4MJT2	—
14 in	20 in	16 31/50 in	22 31/50 in	4MJT3	—
14 in	24 in	16 31/50 in	26 31/50 in	4MJT7	—
14 in	30 in	16 31/50 in	32 31/50 in	4MJT9	—
14 in	22 31/50 in	16 31/50 in	16 31/50 in	4JRT5	—
16 in	22 31/50 in	18 31/50 in	—	4JRT6	—
20 in	22 31/50 in	22 31/50 in	—	4JRT7	—
25 in	22 31/50 in	22 31/50 in	—	4JRU1	—
30 in	22 31/50 in	32 31/50 in	—	4MJU1	—
24 in	24 in	26 31/50 in	26 31/50 in	4MJT8	—
14 in	27 31/50 in	16 31/50 in	—	4MJT4	—
25 in	16 in	27 31/50 in	18 31/50 in	4MJT5	—
20 in	25 in	20 in	—	4JRT8	—
30 in	20 in	32 31/50 in	22 31/50 in	4MJT6	—

Description	Diffuser Duct Size	Brand	Item No.
Diffusers, White Finish			
Round, Ceiling, Step-Down, For Use with 4JRL4	6 in	—	4JRK8
Round, Ceiling, Step-Down, For Use with 4JRL5	8 in	—	4JRK9
Round, Ceiling, Step-Down, For Use with 4JRL6	10 in	—	4JRL1
Square, Ceiling, 3-Way Multilouver	6 in	—	4MJJ2
	8 in	—	4MJJ3
	10 in	—	4MJJ4
Square, Ceiling, 4-Way Multilouver	6 in	—	4MJJ5
	8 in	—	4MJJ6
	10 in	—	4MJJ7
Square, Perforated, Supply, Lay-In T-Bar	8 in	—	4MJU8
Square, Perforated, Supply, Lay-In T-Bar with Deflector Control, For Use with 4JRN2, 4JRN3, 4JRN4 or 4JRN5	6 to 14 in	—	4JRL2
	—	—	4MJV1
Square, Perforated, Return, Lay-In T-Bar, Duct Size 8"	—	—	4MJU7
Square, Perforated, Return, Lay-In T-Bar, Duct Size 6 x 14"	—	—	4MJV6
Square, Perforated, Return, Lay-In T-Bar with Filter Frame and Insulation, For Use with 4JRN2, 4JRN3, 4JRN4 or 4JRN5	—	—	4MJW6
Lay-In T-Bar, Egg Grate, Filter Frame	—	—	4MJU2
Square, Ceiling, Lay-In T-Bar, 2 Cone with Collar, For Use with 4JRL7	6 in	—	4MJU3
Square, Ceiling, Lay-In T-Bar, 2 Cone with Collar, For Use with 4JRL8	8 in	—	4MJU4
Square, Ceiling, Lay-In T-Bar, 2 Cone with Collar, For Use with 4JRL9	10 in	—	4MJU5
Square, Ceiling, Lay-In T-Bar, 2 Cone with Collar, For Use with 4JRL10	12 in	—	4MJU6
Square, Ceiling, Lay-In T-Bar, 3 Cone with Collar, For Use with 4JRL7	6 in	—	4MJV2
Square, Ceiling, Lay-In T-Bar, 3 Cone with Collar, For Use with 4JRL8	8 in	—	4MJV3
Square, Ceiling, Lay-In T-Bar, 3 Cone with Collar, For Use with 4JRL9	10 in	—	4MJV4
Square, Ceiling, Lay-In T-Bar, 3 Cone with Collar, For Use with 4JRN1	12 in	—	4MJV5
Square, Ceiling, Lay-In T-Bar, 3 Cone with Insulation, For Use with 4JRN2, 4JRN3, 4JRN4, 4JRN5, 4JRL7, 4JRL8, 4JRL9, 4JRN1	6 to 12 in	—	4JRL3
Diffusers, 4-Way Adjustable Filtered, White Powder Coated Epoxy			
6 in	4 Way Diffuser	36N451	—
8 in	4 Way Diffuser	36N452	—
10 in	4 Way Diffuser	36N453	—
12 in	4 Way Diffuser	36N454	—
14 in	4 Way Diffuser	36N455	—
16 in	4 Way Diffuser	36N456	—
Replacement Filter, (2) Sets of 4 Filters, For Use with 36N451, 36N452, 36N453, 36N454, 36N455, 36N456	4 Way Diffuser	36N457	—
Replacement Filter, (10) Sets of 4 Filters, For Use with 36N451, 36N452, 36N453, 36N454, 36N455, 36N456	4 Way Diffuser	36N458	—
Butterfly Dampers, Brown Finish			
Round, Ceiling, For Use with 4JRK8	6 in	—	4JRL4
Round, Ceiling, For Use with 4JRK9	8 in	—	4JRL5
Round, Ceiling, For Use with 4JRL1	10 in	—	4JRL6
Round, Snap-on, For Use with 4JRN2	6 in	—	4JRL7
Round, Snap-on, For Use with 4JRN3	8 in	—	4JRL8
Round, Snap-on, For Use with 4JRN4	10 in	—	4JRL9
Round, Snap-on, For Use with 4JRN5	12 in	—	4JRN1
Collars, Galvanized Steel			
Round, Snap On Collar, For Use with 4JRL7	6 in	—	4JRN2
Round, Snap On Collar, For Use with 4JRL8	8 in	—	4JRN3
Round, Snap On Collar, For Use with 4JRL9	10 in	—	4JRN4
Round, Snap On Collar, For Use with 4JRN1	12 in	—	4JRN5