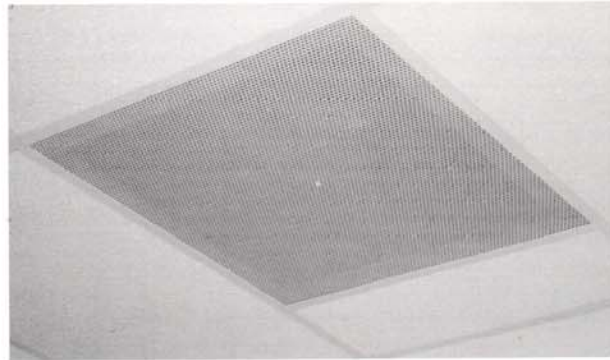


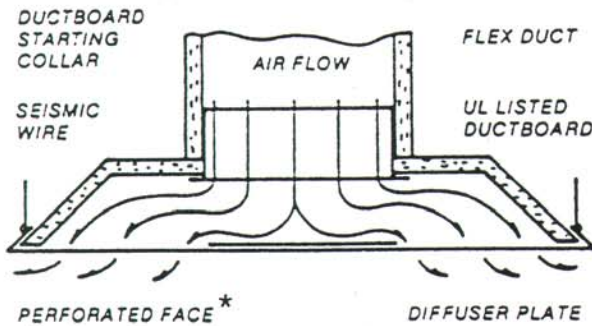
Flexible Air Duct Systems

atco-flu

Tee Bar Diffuser 24"x24"



Construction



Features and Benefits

- Complete 1" Ductboard Back
- Removable Diffuser Plate For Return Air Use
- Fail Safe Seismic Connection Points Integral In Design
- Superior Sound Absorption
- Light Weight—Easily Suspended
- Superior Air Flow Pattern—No Downdrafts
- Condensation Free Operation
- Electro Static Baked Enamel Finish

Air Distribution

The 1" insulated top is stenciled for 4" to 16" flex duct connections. The ductboard is easily cut with a pocket knife and the center connection provides a very uniform, widely dispersed, air flow without downdrafts.

NOTE:

- Perforated faces only available for ceiling plenum return air use.

* Also Available in Expanded Metal



EASY CONNECTION



*Atco. Working Together.
Doing It Right*

Air Diffusion Council Member
Associate Member-ARW, NHAW and SMACNA

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Product and Performance Data

ATCO-FLO PERFORATED DIFFUSER

T150 = Throw @ 150 FPM Velocity
 T100 = Throw @ 100 FPM Velocity
 T50 = Throw @ 50 FPM Velocity

NECK VELOCITY	100 FPM	200 FPM	300 FPM	400 FPM	500 FPM	600 FPM	700 FPM	800 FPM	900 FPM	1000 FPM	1200 FPM	
P_V	.002	.004	.006	.010	.016	.023	.031	.040	.052	.063	.090	
6"	CFM	20	40	60	80	100	120	140	160	180	200	240
	P_T	-	.007	.010	.014	.024	.035	.046	.063	.080	.101	.148
	T150	-	-	-	-	1	1	1	2	2	2	2
	T100	-	1	1	2	2	2	3	3	4	4	4
	T50	2	2	3	4	4	5	6	6	7	7	8
8"	CFM	35	70	105	140	175	210	245	280	315	350	420
	P_T	.005	.008	.011	.019	.031	.043	.056	.078	.098	.123	.200
	T150	-	-	1	1	1	1	2	2	2	3	3
	T100	1	1	2	2	3	4	4	4	5	5	6
	T50	2	3	4	5	6	7	8	8	9	10	11
10"	CFM	55	110	165	220	275	330	385	440	495	550	605
	P_T	.006	.010	.016	.023	.036	.053	.064	.085	.110	.140	.235
	T150	-	1	1	1	2	2	2	3	3	3	4
	T100	1	2	2	3	4	4	5	5	6	6	7
	T50	3	3	4	6	7	8	9	10	11	12	13
12"	CFM	80	160	240	320	400	480	560	640	720	800	960
	P_T	.009	.012	.018	.027	.044	.063	.086	.110	.135	.173	.260
	T150	1	1	1	2	2	2	3	3	4	4	4
	T100	2	2	3	4	4	5	6	7	7	7	8
	T50	3	4	5	7	8	10	12	13	13	14	16
14"	CFM	95	190	285	380	475	570	605	760	855	950	1140
	P_T	.015	.022	.031	.045	.061	.082	.105	.141	.168	.256	.310
	T150	1	1	2	2	3	3	3	4	4	5	5
	T100	2	2	3	4	5	6	7	8	8	9	10
	T50	4	4	6	8	10	12	12	15	16	17	19
16"	CFM	110	220	330	440	550	660	770	880	990	1100	1320
	P_T	.017	.028	.048	.065	.085	115	.156	.190	.240	.285	.380
	T150	1	2	2	3	3	4	4	5	5	5	6
	T100	3	3	4	5	6	7	8	9	9	10	11
	T50	5	6	7	9	11	13	15	17	18	19	21

Throw & Pressure Test using room temp. air @ 68° F

Packaging:

6 diffusers per carton



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 FAX: 1-800-366-3539
 Visit our website at www.atcoflex.com

Manufacturers of a complete range of flexible air duct products.

Atco warrants that all flexible ducts will be free from defects in material and workmanship for a period of five years from the date of purchase only if the ducts are installed in accordance with Atco's installation instructions and under conditions specified in Atco's performance data. The buyer's exclusive remedies for any defect in the flexible ducts shall be replacement or refund of the purchase price, at Atco's option.

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MATERIALS AND SPECIFICATIONS FOR THE FLEXIBLE DUCTS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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