

LEAP

ENGINEERED PRODUCTS

STANDARDIZED BULK HANDLING EQUIPMENT



Conveying Eductor

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A division of CON-V-AIR Inc.

Conveying Educator

Specifications

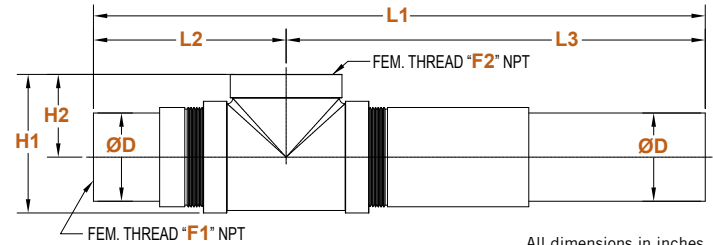
- No moving parts
- Low cost
- Heavy duty construction

Options

- Stainless steel construction

Selection Chart

- A** Select the required **equivalent distance**
- B** Select the minimum required **capacity**
- C** Recommended **educator model**



All dimensions in inches

Model	L1	L2	L3	H1	H2	F1	F2	ØD (Pipe)	ØD (Tube)
E20	14.21	4.88	9.32	3.59	2.25	1 1/2	2	2.375	2
E25	17.86	6.09	11.77	4.3	2.69	2	2 1/2	2.875	2.5
E30	21.23	6.91	14.31	5.09	3.13	2 1/2	3	3.5	3
E40	27.21	8.73	18.5	6.28	3.75	3	4	4.5	4
E50	34.34	10.59	23.75	7.63	4.5	4	5	5.563	5
E60	40.29	12.12	28.17	8.85	5.13	5	6	6.625	6

Price list and complete AutoCAD drawings available at www.leapengineeredproducts.com

P Series (Pipe Fittings)

A- EQUIVALENT DISTANCE (ft) (elbows = 20 ft)							C- EDUCATOR MODEL	LINE		AIRFLOW	REQUIRED INLET PRESSURE		DISCHARGE PRESSURE	WEIGHT IN POUND
50	100	150	200	300	400	600		I.D. (in)	O.D. (in)		(scfm)**	(psi)**		
B- CAPACITY (pounds/minute)*														
20	10	3	0				E20-04 P	2.067	2.375	100	4	110.72	1.2	11
	20	15	10				E20-07 P	2.067	2.375	105	7	193.76	2.13	11
		20	12				E20-10 P	2.067	2.375	110	10	276.8	2.68	11
32	20	8	2				E25-04 P	2.469	2.875	145	4	110.72	1.2	21
	32	25	15				E25-07 P	2.469	2.875	150	7	193.76	2.13	21
		32	25				E25-10 P	2.469	2.875	155	10	276.8	2.68	21
46	43	24	13				E30-04 P	3.068	3.5	220	4	110.72	1.2	37
	46	46	40	20			E30-07 P	3.068	3.5	235	7	193.76	2.13	37
			46	30			E30-10 P	3.068	3.5	245	10	276.8	2.68	37
83	83	55	35	10			E40-04 P	4.026	4.5	400	4	110.72	1.2	71
		83	83	55	30	5	E40-07 P	4.026	4.5	410	7	193.76	2.13	71
				80	50	20	E40-10 P	4.026	4.5	420	10	276.8	2.68	71
130	130	130	90	45	20	0	E50-04 P	5.047	5.563	600	4	110.72	1.2	139
			130	125	80	37	E50-07 P	5.047	5.563	630	7	193.76	2.13	139
				130	115	60	E50-10 P	5.047	5.563	660	10	276.8	2.68	139
187	187	187	160	92	53	10	E60-04 P	6.065	6.625	870	4	110.72	1.2	227
			187	187	155	82	E60-07 P	6.065	6.625	900	7	193.76	2.13	227
					187	118	E60-10 P	6.065	6.625	950	10	276.8	2.68	227

*Capacity based on a product density of 45 pounds/cubic foot **Data calculated for altitude less than 100 feet ASL

T Series (Tube Fittings)

A- EQUIVALENT DISTANCE (ft) (elbows = 20 ft)							C- EDUCATOR MODEL	LINE		AIRFLOW	REQUIRED INLET PRESSURE		DISCHARGE PRESSURE	WEIGHT IN POUND
50	100	150	200	300	400	600		I.D. (in)	O.D. (in)		(scfm)**	(psi)**		
B- CAPACITY (pounds/minute)*														
15	5	0	0				E20-04 T	1.75	2	75	4.3	119.024	1.33	9
20	15	7	3				E20-07 T	1.75	2	75	7	193.76	2.13	9
		10	5				E20-10 T	1.75	2	80	10	276.8	2.68	9
30	13	5	0				E25-04 T	2.25	2.5	120	4	110.72	1.2	18
32	32	20	12				E25-07 T	2.25	2.5	125	7	193.76	2.13	18
		25	18				E25-10 T	2.25	2.5	130	10	276.8	2.68	18
46	27	14	6				E30-04 T	2.75	3	180	4	110.72	1.2	31
	46	40	27	10			E30-07 T	2.75	3	190	7	193.76	2.13	31
		46	35	18			E30-10 T	2.75	3	200	10	276.8	2.68	31
83	80	45	30	8			E40-04 T	3.75	4	335	4	110.72	1.2	66
	83	83	75	40	25	0	E40-07 T	3.75	4	355	7	193.76	2.13	66
			83	60	35	10	E40-10 T	3.75	4	365	10	276.8	2.68	66
130	130	95	75	37	15	0	E50-04 T	4.75	5	530	4	110.72	1.2	121
		130	130	100	65	25	E50-07 T	4.75	5	560	7	193.76	2.13	121
				130	95	45	E50-10 T	4.75	5	580	10	276.8	2.68	121
187	187	187	130	70	35	1	E60-04 T	5.75	6	800	4	110.72	1.2	198
		187	187	185	125	60	E60-07 T	5.75	6	820	7	193.76	2.13	198
				187	178	100	E60-10 T	5.75	6	850	10	276.8	2.68	198

*Capacity based on a product density of 45 pounds/cubic foot **Data calculated for altitude less than 100 feet ASL



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