

PERFORMANCE DATA

Neck Size	Performance Characteristics	Velocity (m/s)								
		2	3	4	5	6	10	12	15	20
150	Volume Flow (l/s)	39	59	78	98	118	196	235	294	392
	Pressure Drop (Pa)	0.4	0.9	1.7	2.6	3.7	10.3	14.9	23.3	41.3
200	Volume Flow (l/s)	71	107	143	178	214	356	428	535	713
	Pressure Drop (Pa)	0.3	0.8	1.4	2.2	3.1	8.6	12.4	19.4	34.6
250	Volume Flow (l/s)	106	159	212	266	319	531	637	797	1062
	Pressure Drop (Pa)	0.3	0.6	1.0	1.6	2.3	6.5	9.4	14.7	26.1
300	Volume Flow (l/s)	156	234	312	390	468	780	936	1169	1559
	Pressure Drop (Pa)	0.2	0.5	1.0	1.5	2.2	6.0	8.7	13.6	24.2
350	Volume Flow (l/s)	206	309	412	515	618	1030	1236	1544	2059
	Pressure Drop (Pa)	0.3	0.6	1.1	1.7	2.4	6.7	9.7	15.2	26.9
400	Volume Flow (l/s)	264	396	528	660	792	1321	1585	1981	2642
	Pressure Drop (Pa)	0.2	0.5	0.8	1.3	1.8	5.1	7.3	11.5	20.4

ASHRAE Standard 120-1999, Methods of Testing to Determine Flow Resistance of HVAC Air Ducts and Fittings (ASHRAE 1999) was used as a guideline for testing. Extended samples of 25 diameter duct lengths were tested. The pressure drop was determined by measuring across 4 equally spaced static measurement points that were installed in a hard duct 10 diameter lengths from the inlet transition and 4 diameter lengths from the exit.