

STANDARD CIRCULAR SILENCER INSERTION LOSS DATA

@ +20°C and 5m/sec FACE VELOCITY

SILENCER SIZE	CODE	P.A	OCTAVE BAND CENTRE FREQUENCIES (Hz)							
			63	125	250	500	1K	2K	4K	8K
200-550 dia	CDA.1D	ALL	2	4	6	10	14	10	7	8
		A	4	8	13	17	23	17	12	11
		B	4	8	12	17	23	17	12	10
	CDA.2D	C	4	7	10	15	19	16	12	9
		A	4	6	8	12	21	21	18	15
		B	4	6	8	11	18	19	17	14
	CDAP.1D	C	4	6	8	11	14	16	11	10
		A	7	10	12	24	29	29	27	23
		B	7	10	12	21	26	26	24	22
	CDAP.2D	C	7	10	11	18	21	20	17	15
600-800 dia	CDA.1D	ALL	3	4	9	15	15	8	7	6
		A	6	8	13	22	23	14	13	9
		B	6	8	13	22	22	13	12	9
	CDA.2D	C	6	8	12	20	18	13	11	9
		A	4	6	8	17	25	21	18	11
		B	4	6	8	17	23	20	18	10
	CDAP.1D	C	4	6	8	16	18	16	13	10
		A	8	11	16	30	35	31	29	22
		B	8	11	16	27	32	31	29	19
	CDAP.2D	C	8	11	16	24	23	22	21	17
1000-1500 dia	CDA.1D	ALL	3	4	9	14	13	7	7	6
		A	6	8	14	22	20	13	12	9
		B	6	8	13	21	18	12	11	9
	CDA.2D	C	6	8	12	19	16	11	10	7
		A	4	6	11	21	20	16	13	11
		B	4	6	11	20	18	15	13	11
	CDAP.1D	C	4	6	11	17	16	14	12	10
		A	8	11	18	30	32	30	24	16
		B	8	11	18	26	27	26	22	16
	CDAP.2D	C	8	11	18	21	20	22	20	16
1600-2000 dia	CDA.1D	ALL	4	5	10	14	11	6	6	5
		A	8	9	14	19	18	12	11	9
		B	8	9	14	19	17	11	10	9
	CDA.2D	C	8	9	13	18	14	10	9	8
		A	5	7	12	21	20	13	12	9
		B	5	7	12	19	18	13	11	9
	CDAP.1D	C	5	7	12	15	16	12	10	8
		A	10	14	21	26	29	28	18	15
		B	10	14	21	25	27	25	16	14
	CDAP.2D	C	10	14	21	21	20	20	15	14

P.A = Fan Impeller Pitch Angle.

A = upto 12 degrees

B = upto 20 degrees

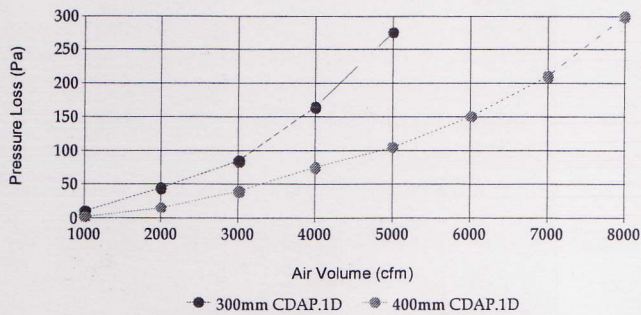
C = upto 45 degrees

The Above Data Is Offered As Being Indicative Only

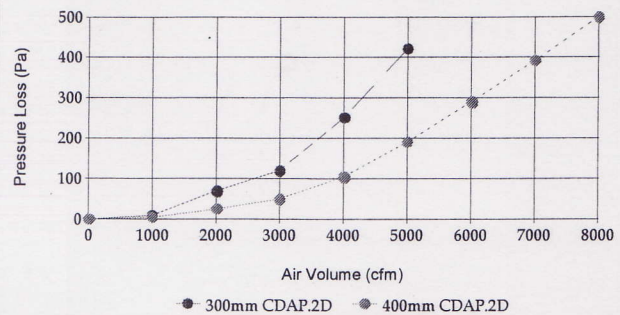
For Guaranteed Data (when applicable) Please Consult With (DBA) Technical Services Ltd.

CDAP Type Silencer Flow Resistance's

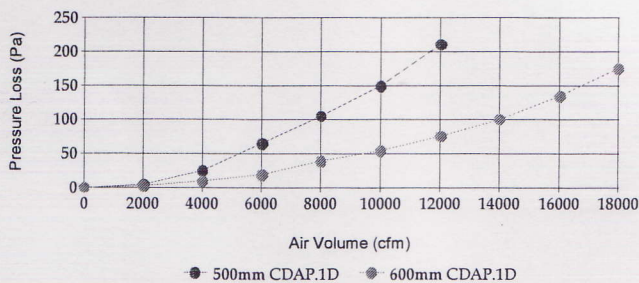
300mm/400mm CDAP.1D Pressure Loss's
@ 20oC With Uniform Airflow



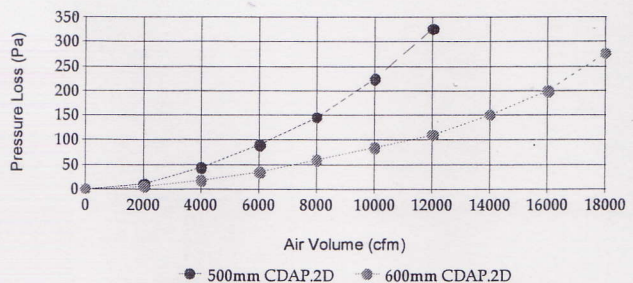
300mm/400mm CDAP.2D Pressure Loss's
@ 20oC With Uniform Airflow



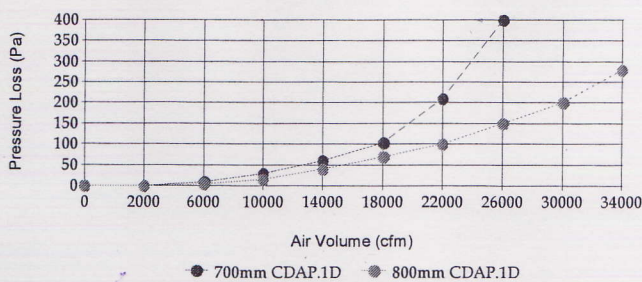
500mm/600mm CDAP.1D Pressure Loss's
@ 20oC With Uniform Airflow



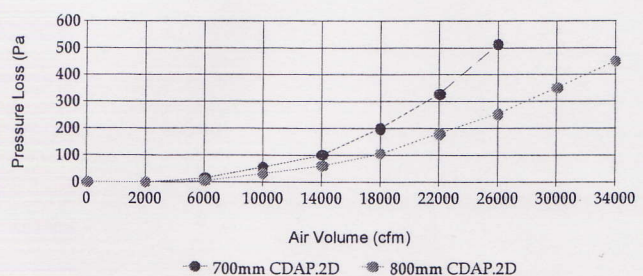
500mm/600mm CDAP.2D Pressure Loss's
@ 20oC With Uniform Airflow



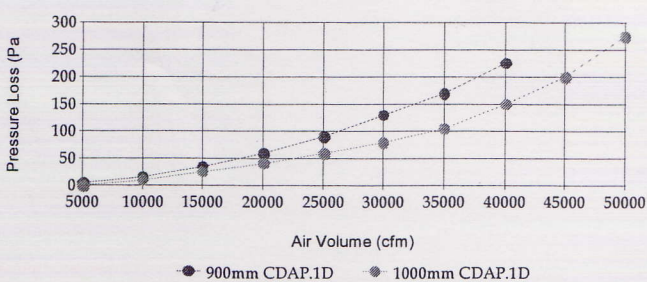
700mm/800mm CDAP.1D Pressure Loss's
@ 20oC With Uniform Airflow



700mm/800mm CDAP.2D Pressure Loss's
@ 20oC With Uniform Airflow



900mm/1000mm CDAP.1D Pressure Loss's
@ 20oC With Uniform Airflow



900mm/1000mm CDAP.2D Pressure Loss's
@ 20oC With Uniform Airflow

