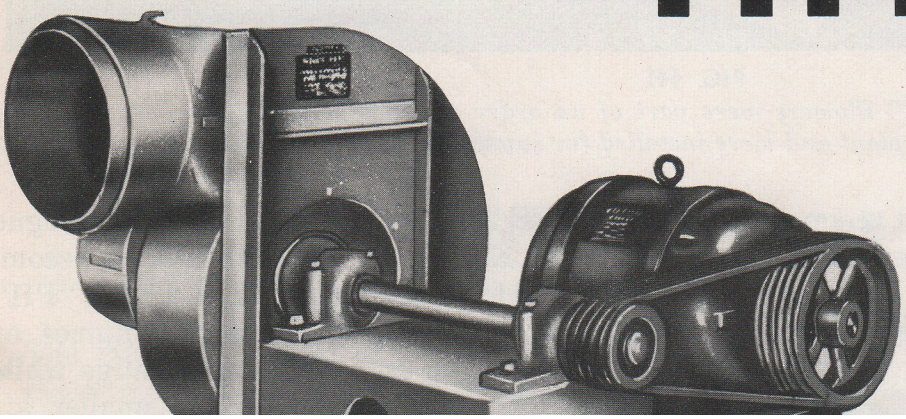
Sheldon

TYPE "PH"



Pressure Blowers

Model 5900 PH

Efficient in delivering Air Blast for . . .

CUPOLAS, FURNACES, FORGES, PULVERIZED FUEL SYSTEMS, BLASTING FUMES EXHAUST, PNEUMATIC CONVEYING SYSTEMS, FLOATATION SYSTEMS, ETC.

Catalog No.
950 A

Sheldons Engineering.

Leaders in fan technology

Division of Earlscourt Metal Industries Ltd.
6660 Ordan Drive,
Mississauga, Ontario, Canada. L5T 1J7
Phone: (905) 564-5072 Toll Free (800) 265-3572
Fax: (905) 564-9004 email: sales@sheldonsengineering.com

www.sheldonsengineering.com

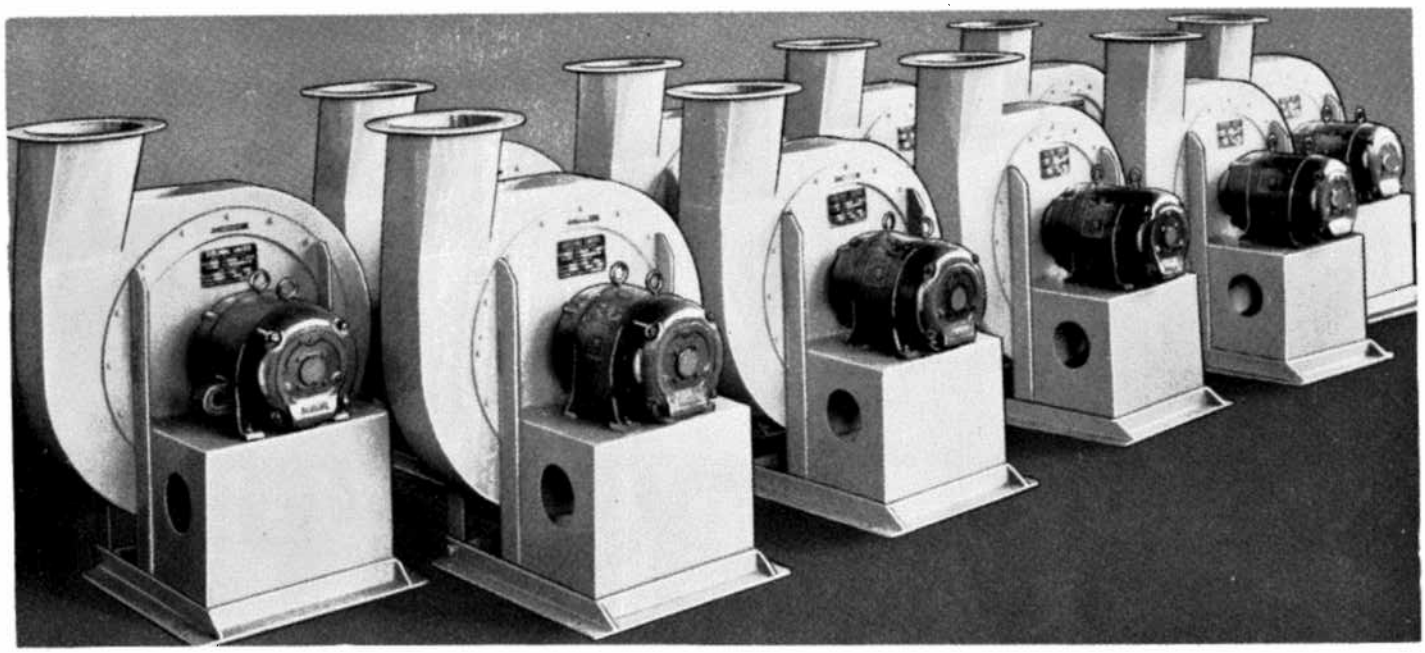


FIG. 441

These ten type "PH" Blowers were part of an order supplied to a large Canadian industrial plant and were installed for supplying air to furnaces.

SHELDON TYPE "PH" direct connected Blowers can be furnished wherever the motor speed coincides with the blower speed necessary to deliver the required air quantity and static pressure.

In cases where the blower speed and motor speed are not the same, the blower is then operated by means of V. belt or other suitable pulley drive.

The TYPE "PH" Blower may be classed as "Running Mate" to the well-known SHELDON TYPE "C" Blower, listed in our catalogue No. 900. Each type, however, has its recommended field of operation. The TYPE "PH" Blowers deliver relatively large volumes of air at pressures up to 55″ water gauge while the TYPE "C" Blowers deliver smaller air volumes up to pressures of 32″ water gauge for the larger sizes. TYPE "PH" Blower performance ratings will be found on pages 4, 5 and 6.

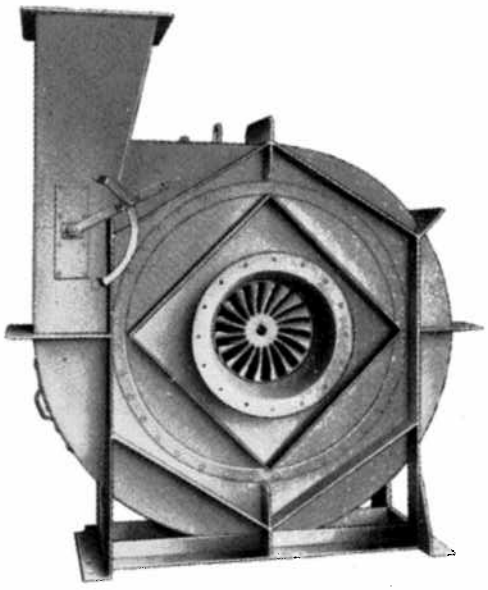


FIG. 448

TYPE "PH" Blower, as furnished for supplying air to pulverized coal combustion systems, is shown in Fig. 448. Note the volume control damper mechanism. Damper is installed in blower casing at point of cut-off and can be furnished for either manual or automatic control. Precise air volume control is thus obtained and where automatic damper control is installed, the blower motor is protected against overloading, should there be any appreciable drop in the static pressure. (A lowered static pressure in the duct system or furnace causes an increase in air volume delivered and therefore a corresponding increase in the horse power consumed.)

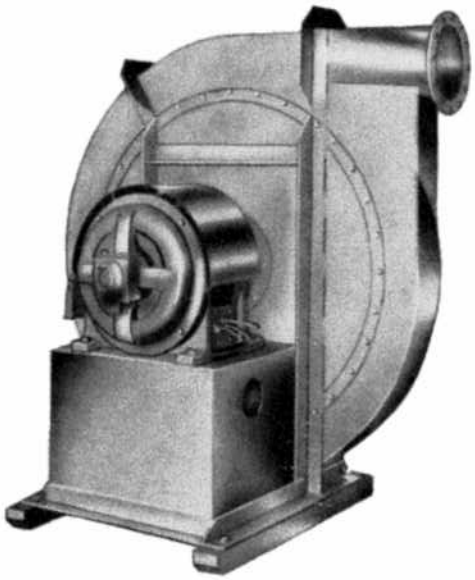


FIG. 450
With Direct Connected Motor Arrangement No. 4.

Where large air volumes at relatively high pressures are required, a heavy-duty blower, as shown in Fig. 450, is furnished. These blowers are supplied with round, flanged outlets and inlets for convenient pipe connection. Blowers of this type and design are well suited for secondary ventilation and underground workings of metal mines for exhausting blasting fumes. Sixty cycle units may operate at 1750 or 3450 r.p.m. as required to produce the desired static pressure.

TWENTY-FIVE CYCLE UNITS

The maximum speed of 1425 r.p.m. with 25 cycle motors is, in many cases, not high enough to allow for direct connection to pressure blowers. Therefore, where a higher blower speed is required, these units are furnished with V. belt drives to operate at high speed from 25 cycle motors.

V. belt driven units are always ball bearing equipped.

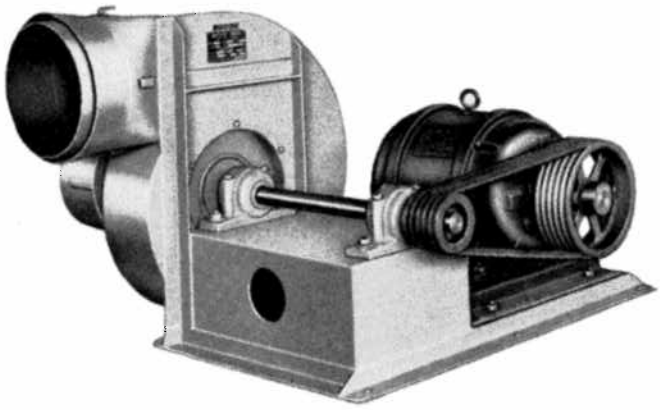


FIG. 449
Type "PH" Blower with Motor and V. Belt Drive.

FIG. 451
MIDGET BLOWERS

Type "PH" Blowers of Midget size are applicable to installation where very low air quantities are required. Midget Blowers have a capacity range of from 25 c.f.m. to 100 c.f.m. and a pressure range of from 5″ to 10″ static pressure. These performances apply to blowers operating at 3450 r.p.m. Midget type Blowers can be supplied for either clockwise or counter-clockwise rotation and for any direction of discharge.

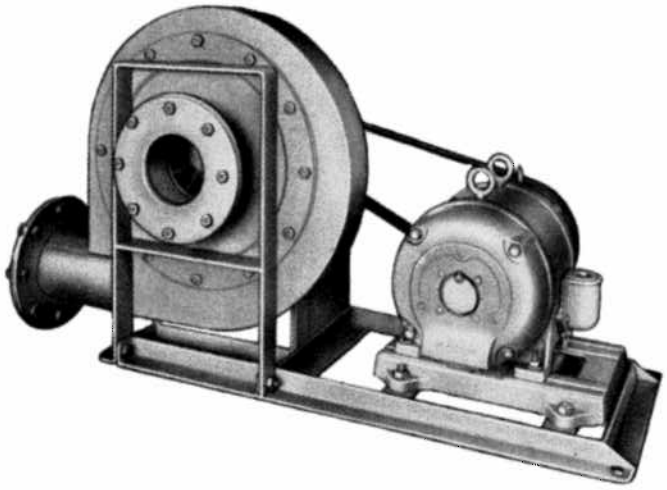


FIG. 452

Any Type "PH" Blower can be furnished either for direct connection to motor or for V. belt drive. Figure 452 illustrates the "PH" Blower with integral motor base, motor and V. belt drive. Motor is supplied with slide rails to allow for belt tightening.

Also note that inlet and outlet are flange-fitted. For normal pressures, these flanges are designed for sheet metal duct connections. Where pressures of 16 ounces per square inch are encountered, the blower can be fitted with standard pipe flanges for wrought iron pipe connections.

Type "PH" Blower, arrangement No. 1-A, counter-clockwise rotation, bottom horizontal discharge and equipped with heavy duty ball bearings.

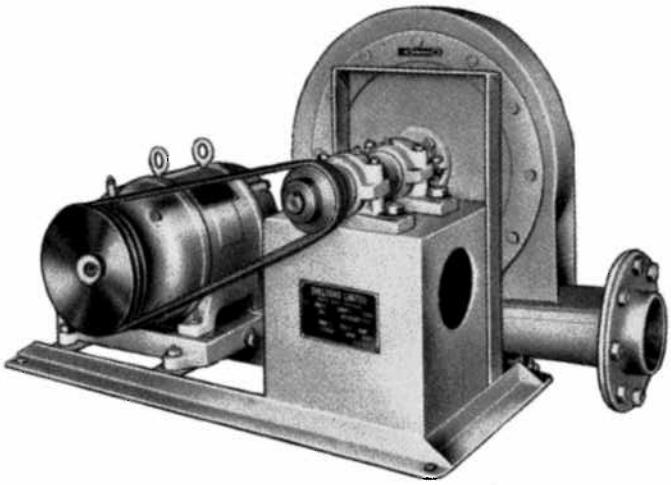


FIG. 453

BLAST WHEELS FOR TYPE "PH" BLOWERS

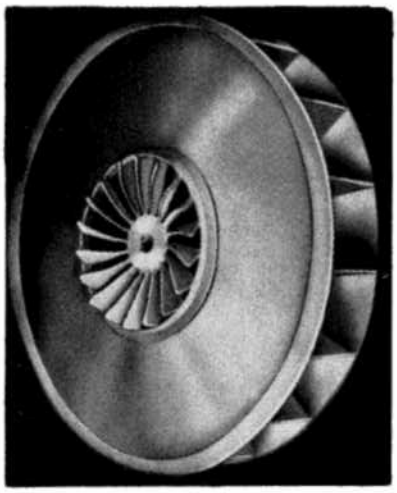
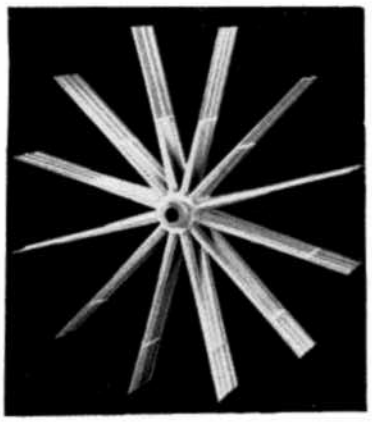


FIG. 455

Standard "PH" Blast Wheels are of two types, as illustrated. Wheels for blowers of the smaller sizes or for comparatively low pressures are supplied as shown in figure 454. For large blowers for high pressure service, the blast wheels are as shown in figure 455.



8" SPWG MAXIMUM. 10" IS POSSIBLE

FIG. 454

PERFORMANCE RATINGS

TYPE "PH" PRESSURE BLOWERS
WITH INTEGRAL MOTOR PEDESTALS
ARR. NO. 4—FOR DIRECT CONNECTION TO 3500 R.P.M. MOTORS
ARR. NO. 1A—FOR "V" BELT DRIVE FROM 1450 R.P.M. MOTORS—BLOWER SPEED 3500 R.P.M.

Size	Motor HP.	Pressure Oz.per Sq.In.	Pressure In. W.G.	Max. CFM. Full Load of Motor	Dia. In-let	Dia. Out-let	ARR.#4 Shipping Wt. with Motor	ARR.#1A Shipping Wt. with Motor
1203B	1	8	13.9	250	4"	3½"	180	275
1204B	1-1/2	8	13.9	450	5	5	190	300
1206B	2	8	13.9	620	6	6	195	325
1210B	3	8	13.9	900	8	8	235	375
1225B	5	8	13.9	1450	9	8	280	480
1236B	7-1/2	8	13.9	2100	11	10	340	700
1236B	10	8	13.9	2800	12	11	460	860
1302B	1-1/2	10	17.3	280	4	3½	205	320
1304B	2	10	17.3	440	6	5	220	345
1306B	3	10	17.3	740	8	6	275	400
1310B	5	10	17.3	1180	9	8	300	500
1316B	7-1/2	10	17.3	1740	10	9	370	720
1325B	10	10	17.3	2300	12	10	480	900
1336B	15	10	17.3	3400	13	12	580	1000
1403B	3	12	20.8	525	6	5	250	380
1406B	5	12	20.8	1000	8	8	275	485
1410B	7-1/2	12	20.8	1475	9	8	330	670
1416B	10	12	20.8	1950	10	10	440	840
1425B	15	12	20.8	2900	12	12	560	960
1436B	20	12	20.8	3800	14	13	660	1200
1436B	25	12	20.8	4650	15	14	800	1350
1702C	5	16	27.8	600	6	5	420	630
1704C	7-1/2	16	27.8	1100	8	7	465	800
1706C	10	16	27.8	1500	9	8	530	930
1710C	15	16	27.8	2250	11	10	660	1060
1716C	20	16	27.8	2900	12	11	750	1280
1716C	25	16	27.8	3630	13	12	900	1440
1725C	30	16	27.8	4320	15	14	975	1750
1725C	35	16	27.8	5000	16	15	975	1850
1736C	40	16	27.8	5620	18	16	1140	2000
1736C	50	16	27.8	6950	18	17	1200	2150

Size	Motor HP.	Pressure Oz.per Sq.In.	Pressure In. W.G.	Max. CFM. Full Load of Motor	Dia. In-let	Dia. Out-let	ARR.#4 Shipping Wt. with Motor	ARR.#1A Shipping Wt. with Motor
1903C	10	20	34.6	1050	8"	7"	560	990
1906C	15	20	34.6	1850	10	9	660	1100
1910C	20	20	34.6	2450	11	10	770	1320
1910C	25	20	34.6	3000	12	11	900	1450
1910C	30	20	34.6	3600	12	12	925	1700
1916C	35	20	34.6	4100	14	13	1090	1850
1916C	40	20	34.6	4640	14	14	1175	1900
1925C	50	20	34.6	5800	18	16	1200	2150
2103D	15	24	41.5	1250	8	8	700	1130
2104D	20	24	41.5	1950	10	10	790	1350
2106D	25	24	41.5	2600	11	10	920	1470
2106D	30	24	41.5	3085	12	11	950	1750
2110D	35	24	41.5	3500	13	12	975	1870
2110D	40	24	41.5	4000	14	13	1085	1900
2116D	50	24	41.5	4900	15	14	1200	2150
2202D	20	28	48.5	1375	8	8	910	1475
2203D	25	28	48.5	1900	10	9	1040	1600
2204D	30	28	48.5	2500	11	10	1070	1750
2206D	35	28	48.5	3040	12	11	1100	2000
2206D	40	28	48.5	3480	12	12	1200	2060
2210D	50	28	48.5	4350	14	14	1300	2300
2302D	30	32	55.5	1760	10	8	1050	1950
2303D	35	32	55.5	2350	11	10	1100	2000
2304D	40	32	55.5	2850	12	10	1200	2100
2306D	50	32	55.5	3800	14	12	1320	2260

PERFORMANCE RATINGS

TYPE "PH" PRESSURE BLOWERS
ARR. NO. 4 WITH INTEGRAL MOTOR PEDESTAL
FOR DIRECT CONNECTION TO 60 CYCLE 1750 R.P.M. MOTORS

Size	Motor HP.	Pressure		Max. CFM. Full Load of Motor	Diam. Inlet in.	Diam. Outlet in.	Shipping Wt. with Motor
		Oz. per sq.in.	In. W.G.				
1601A	1/3	3.46	6	110	3	2-1/2	220
1602A	1/2	3.46	6	266	5	4	250
1604A	3/4	3.46	6	533	6	6	275
1606A	1	3.46	6	715	8	8	310
1610A	1-1/2	3.46	6	1020	10	8	335
1616A	2	3.46	6	1360	10	10	390
1625A	3	3.46	6	2080	12	12	440
1636A	5	3.46	6	3155	15	14	500
1901A	3/4	4.62	8	270	5	4	300
1903A	1	4.62	8	455	6	5	335
1904A	1-1/2	4.62	8	790	8	7	350
1906A	2	4.62	8	1050	9	8	400
1910A	3	4.62	8	1530	10	10	435
1916A	5	4.62	8	2500	12	12	515
1925A	7-1/2	4.62	8	3660	16	14	650
1936A	10	4.62	8	4800	18	16	785
2102A	1-1/2	5.77	10	477	6	5	375
2103A	2	5.77	10	758	8	8	420
2106A	3	5.77	10	1275	10	10	460
2110A	5	5.77	10	2065	12	12	530
2116A	7-1/2	5.77	10	3030	14	14	670
2125A	10	5.77	10	4000	16	16	770
2136A	15	5.77	10	5850	18	18	930
2302A	2	6.92	12	466	6	5	460
2303A	3	6.92	12	930	8	7	500
2306A	5	6.92	12	1765	10	10	580
2310A	7-1/2	6.92	12	2600	13	12	680
2310A	10	6.92	12	3400	14	12	800
2316A	15	6.92	12	5050	16	15	920
2325A	20	6.92	12	6425	18	17	1100
2336A	25	6.92	12	8100	22	20	1150
2504B	5	8	13.9	1450	10	8	550
2506B	7-1/2	8	13.9	2300	12	10	650
2510B	10	8	13.9	3000	14	12	780
2516B	15	8	13.9	4400	16	14	900
2516B	20	8	13.9	5800	18	16	1070
2525B	25	8	13.9	7150	20	18	1160
2525B	30	8	13.9	8600	22	20	1330
2536B	35	8	13.9	9800	24	22	1400

Size	Motor HP.	Pressure		Max. CFM. Full Load of Motor	Diam. Inlet in.	Diam. Outlet in.	Shipping Wt. with Motor
		Oz. per sq.in.	In. W.G.				
2703B	7-1/2	10	17.3	1580	10	8	720
2706B	10	10	17.3	2450	12	10	825
2710B	15	10	17.3	3650	14	14	960
2710B	20	10	17.3	4770	16	15	1120
2716B	25	10	17.3	5900	18	16	1200
2716B	30	10	17.3	7200	18	18	1370
2725B	35	10	17.3	8200	20	20	1400
2725B	40	10	17.3	9350	22	20	1580
2725B	50	10	17.3	11400	24	22	1800
2736B	60	10	17.3	13500	26	24	2000
2902B	10	12	20.8	1600	9	8	880
2904B	15	12	20.8	2950	12	11	950
2906B	20	12	20.8	4100	14	13	1080
2910B	25	12	20.8	5050	16	16	1150
2910B	30	12	20.8	5600	18	16	1320
2916B	35	12	20.8	6880	20	18	1380
2916B	40	12	20.8	8000	20	18	1560
2916B	50	12	20.8	9650	22	20	1800
2925B	60	12	20.8	11600	24	22	1980
2925B	75	12	20.8	14200	26	24	2100
3302C	20	16	27.8	2400	12	10	1460
3304C	25	16	27.8	3400	15	14	1500
3304C	30	16	27.8	4540	15	14	1670
3306C	35	16	27.8	5300	18	16	1700
3306C	40	16	27.8	6290	18	16	1880
3310C	50	16	27.8	7550	20	18	2100
3310C	60	16	27.8	9000	22	20	2300
3316C	75	16	27.8	11100	24	22	2480
3702C	35	20	34.6	3350	14	12	1870
3703C	40	20	34.6	4265	14	14	2050
3704C	50	20	34.6	5770	16	16	2300
3706C	60	20	34.6	7350	18	18	2450
3710C	75	20	34.6	9150	20	20	2600
4002D	50	24	41.5	3700	14	12	2600
4003D	60	24	41.5	5000	16	14	2650
4004D	75	24	41.5	7170	18	18	2700

PERFORMANCE RATINGS

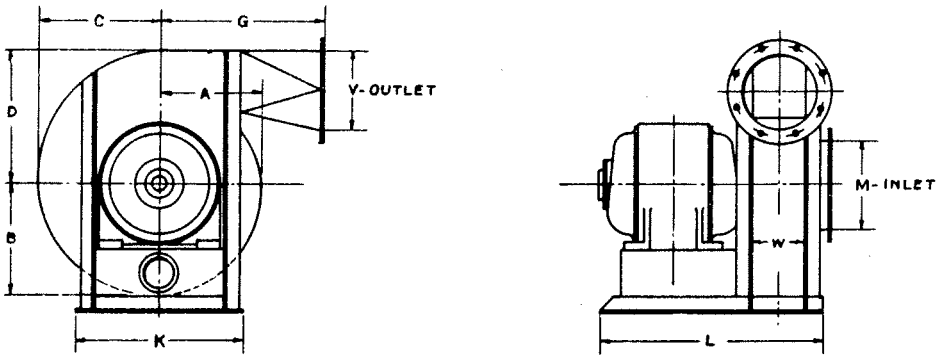
TYPE "PH" PRESSURE BLOWERS
ARR. NO. 4 WITH INTEGRAL MOTOR PEDESTAL
FOR DIRECT CONNECTION TO 25 CYCLE 1450 R.P.M. MOTORS

Size	Motor HP.	Pressure		Max. CFM. Full Load of Motor	Diam. Inlet in.	Diam. Outlet in.	Shipping Wt. with Motor
		Oz. per sq.in.	In. W.G.				
1901A	1/2	3.46	6	224	5	4	310
1903A	3/4	3.46	6	465	6	5	325
1904A	1	3.46	6	685	8	7	390
1906A	1-1/2	3.46	6	1060	9	8	435
1910A	2	3.46	6	1395	10	10	465
1916A	3	3.46	6	2050	12	12	540
1925A	5	3.46	6	3320	16	14	700
1936A	7-1/2	3.46	6	4660	18	16	900
2301A	1	4.62	8	328	5	5	440
2303A	1-1/2	4.62	8	695	8	7	460
2304A	2	4.62	8	1020	9	8	480
2306A	3	4.62	8	1630	10	10	560
2310A	5	4.62	8	2580	13	12	670
2316A	7-1/2	4.62	8	3770	16	15	900
2325A	10	4.62	8	4925	18	17	1050
2336A	15	4.62	8	7175	22	20	1180
2501A	1-1/2	5.77	10	380	5	5	545
2502A	2	5.77	10	605	8	6	550
2503A	3	5.77	10	1160	10	8	600
2506A	5	5.77	10	2140	12	12	720
2510A	7-1/2	5.77	10	3100	14	14	885
2516A	10	5.77	10	4100	16	16	1040
2525A	15	5.77	10	5980	20	18	1200
2525A	20	5.77	10	7780	22	20	1360
2536A	25	5.77	10	9700	24	22	1550
2702A	3	6.92	12	705	8	6	620
2704A	5	6.92	12	1640	10	10	730
2706A	7-1/2	6.92	12	2660	13	12	900
2710A	10	6.92	12	3420	14	14	1050
2716A	15	6.92	12	5060	18	16	1150
2716A	20	6.92	12	6700	18	18	1330
2725A	25	6.92	12	8225	22	20	1470
2725A	30	6.92	12	9870	24	22	1750
2736A	35	6.92	12	11400	26	24	1950

Size	Motor HP.	Pressure		Max. CFM. Full Load of Motor	Diam. Inlet in.	Diam. Outlet in.	Shipping Wt. with Motor
		Oz. per sq.in.	In. W.G.				
2902B	5	8	13.9	1200	9	8	880
2904B	7-1/2	8	13.9	2200	12	11	940
2906B	10	8	13.9	3100	14	13	1100
2910B	15	8	13.9	4500	16	16	1180
2910B	20	8	13.9	5900	18	16	1350
2916B	25	8	13.9	7400	20	18	1500
2916B	30	8	13.9	8900	22	20	1840
2925B	35	8	13.9	10000	24	22	1900
2925B	40	8	13.9	11400	26	24	1950
2936B	50	8	13.9	14000	28	26	2100
3303B	10	10	17.3	2000	10	10	1400
3306B	15	10	17.3	3630	14	13	1500
3310B	20	10	17.3	4850	16	15	1700
3310B	25	10	17.3	6000	16	15	1800
3310B	30	10	17.3	7200	18	18	2080
3316B	35	10	17.3	8250	20	20	2200
3316B	40	10	17.3	10400	22	22	2250
3325B	50	10	17.3	11550	24	24	2350
3325B	60	10	17.3	13700	26	25	2450
3325B	75	10	17.3	17000	28	28	2700
3502B	15	12	20.8	2400	12	10	1650
3504B	20	12	20.8	3800	14	13	1750
3506B	25	12	20.8	5100	16	16	1900
3506B	30	12	20.8	6200	18	16	2180
3510B	35	12	20.8	7100	18	18	2300
3510B	40	12	20.8	8060	20	20	2350
3516B	50	12	20.8	9900	24	22	2500
3516B	60	12	20.8	11750	24	22	2600
3525B	75	12	20.8	14550	26	25	2850
4002C	35	16	27.8	4500	15	14	2500
4003C	40	16	27.8	5600	16	16	2550
4004C	50	16	27.8	7550	19	18	2600
4006C	60	16	27.8	9050	21	20	2750
4010C	75	16	27.8	11300	24	22	2950
4402C	50	20	34.6	4800	16	14	2850
4403C	60	20	34.6	6200	18	16	2900
4404C	75	20	34.6	8800	20	20	3100

TYPE "PH" PRESSURE BLOWERS

ARRANGEMENT NO. 4—1450 R.P.M.



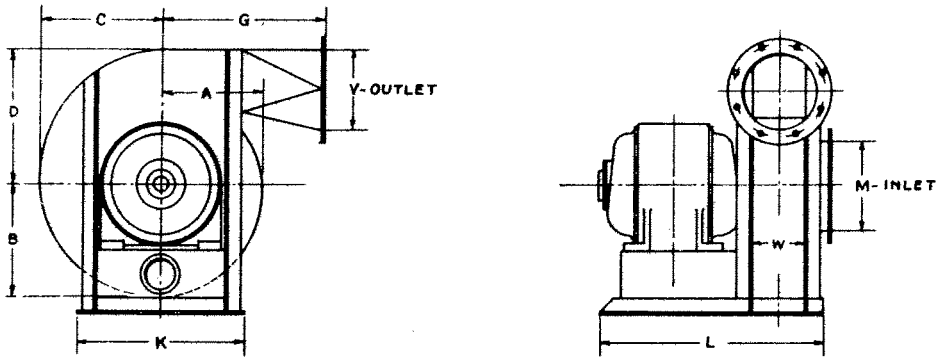
APPROXIMATE DIMENSIONS IN INCHES

SIZE NO.	HP.	A	B	C	D	G	K	L	M	V	W
1901A	1/2	14 1/4	15	15 1/2	16 1/4	25	15	18 1/2	5	4	2 1/2
1903A	3/4	14 1/2	15 1/4	16	16 3/4	25	15	18 1/2	6	5	4 1/4
1904A	1	14 1/4	15 1/2	16 1/2	17 1/4	25	17	21	8	7	4 3/4
1906A	1 1/2	14 1/2	15 1/4	16 1/2	17 3/4	25	17	25	9	8	5 1/4
1910A	2	14 1/2	15 1/4	17	18 1/2	25	17	24	10	10	7 1/2
1916A	3	14 1/2	16	17 1/2	19	25	18	28 1/2	12	12	8 3/4
1925A	5	15	16 3/4	18 1/2	20 1/2	24	20 1/2	33	16	14	11 1/2
1936A	7 1/2	15	17	19 1/4	21 3/4	24	22	39	18	16	15 1/4
2501A	1	16 1/2	17 1/2	18	18 3/4	26 1/2	18	23	5	5	2 3/4
2503A	1 1/2	15 3/4	16 1/4	17 1/2	18 1/2	25	18	23	8	7	4 3/4
2504A	2	15 3/4	16 3/4	18	19 1/4	25	18	24	9	8	5
2506A	3	16 1/2	17 1/2	19 1/4	20 3/4	26 1/2	19	26	10	10	6 1/4
2510A	5	16 1/2	18	19 1/2	21 1/4	26 1/2	20 1/2	30	13	12	8 1/4
2516A	7 1/2	17 1/4	19	21	23	27 1/2	22	36	16	15	10 1/2
2525A	10	17 1/2	19 1/4	21 1/4	23 3/4	27 1/2	23 1/2	38	18	17	13 1/4
2536A	15	17 1/4	19 1/2	22	25	27 1/2	23 1/2	42	22	20	15 3/4
2501A	1 1/2	19 1/4	19 3/4	20 1/2	21 1/4	30	18	22	5	5	3
2502A	2	18	19	19 1/2	20 1/4	29	18	22 1/2	8	6	4 1/4
2503A	3	18	19	20	21	29	19	25	10	8	5 1/4
2506A	5	18	19 1/4	21	22 1/2	29	20 1/2	29	12	12	7 1/4
2510A	7 1/2	18	19 3/4	21 1/2	23 1/4	29	22	34	14	14	9
2516A	10	18	20	21 3/4	24	29	23 1/4	36	16	16	11
2525A	15	18 3/4	21	23	25 3/4	30	23 1/2	43	20	18	14 1/2
2525A	20	19 1/2	21 1/2	24	26 3/4	31	26 1/2	42	22	20	14 3/4
2536A	25	19 1/2	22	24 1/2	26 3/4	31	26 1/2	46	24	22	17 1/4
2702A	3	19 1/2	20 1/2	21 1/4	22	31	19	24	8	6	4 3/4
2704A	5	19 1/2	20 1/2	22 1/4	23 1/2	31	20 1/2	28	10	10	6 1/4
2706A	7 1/2	19 1/2	20 1/2	22 1/2	24 1/2	31	22	33	13	12	7 3/4
2710A	10	19 1/2	21 1/2	23 1/4	23 1/4	31	23 1/2	35	14	14	9 1/4
2716A	15	19 1/2	21 1/2	23 1/4	26	31	23 1/2	38	18	16	11 1/4
2715A	20	20 1/4	22 1/2	24 1/4	27	32 1/2	26 1/2	39	18	18	12 1/4
2725A	25	20 1/4	22 1/2	25	27 1/2	32 1/2	26 1/2	44	22	20	15 1/4
2725A	30	21	23 1/2	25 3/4	28 1/2	33 1/2	28 1/2	48	24	22	16
2736A	35	21	23 1/2	26 1/4	30 1/2	33 1/2	31	52	26	24	19

SIZE NO.	HP.	A	B	C	D	G	K	L	M	V	W
2902B	5	21	22	22 3/4	25 1/4	33 1/2	20 1/2	27	9	8	5
2904B	7 1/2	21	22 1/2	23 1/2	25 1/2	33 1/2	22	32	12	11	6 1/2
2906B	10	21	22 1/2	24 1/2	26 1/4	33 1/2	23 1/2	33	14	13	8 1/2
2910B	15	21	23	25	27	33 1/2	25 1/2	36	16	16	10 1/4
2910B	20	21 1/4	23 3/4	25 3/4	28	35	26	38	16	16	11
2916B	25	21 1/2	24	26 1/2	28 1/2	35	26	40	20	18	12 1/2
2916B	30	22 1/2	25	27 1/2	30	36	29	45	22	20	13 3/4
2925B	35	22 1/2	25	27 1/2	31	36	32	50	24	22	17
2925B	40	22 1/2	25	27 1/2	31	36	32	54	26	24	17
2936B	50	22 1/2	25 1/4	28 1/2	32 1/2	36	32	56	28	26	20 1/2
3305B	10	25 1/4	24 1/2	25 3/4	27 1/4	37	24 1/2	33	10	10	6 3/4
3306B	15	25 1/4	24 1/2	27	29	37	24 1/2	36	14	13	9 1/2
3310B	20	25 1/4	25 1/2	27 3/4	30	37	27	39	16	15	11 1/2
3310B	25	24	25 1/2	27 3/4	30	37	27	39	16	15	11 1/2
3310B	30	24	27 1/2	29 3/4	32	38 1/2	30	43	18	18	12 1/2
3316B	35	24	26 1/2	29 1/4	31 3/4	38 1/2	32	48	20	20	14 1/2
3316B	40	24 3/4	27 1/2	30 1/4	33	39 1/2	32	51	22	22	15
3325B	50	24 3/4	27 1/2	30 1/2	33 3/4	39 1/2	32	54	24	24	18 1/2
3325B	60	25 1/2	28 1/2	31 1/2	34 1/2	41	32	57	26	25	19 1/2
3325B	75	25 1/2	28 1/2	31 1/2	34 3/4	41	32	57	28	28	19 1/2
3502B	15	26 1/4	27 1/2	26 1/2	29 1/2	42	24 1/2	33	12	10	6 1/4
3504B	20	25 1/2	27	29	30 3/4	41	27	36	14	13	8
3506B	25	25 1/2	27	29 1/2	31 3/4	41	27	39	16	16	10
3506B	30	26 1/4	28	30 3/4	33	42	30	42	18	16	13
3510B	35	26 1/4	28 1/2	31 1/4	33 1/2	42	32	46	18	18	13
3510B	40	26 1/4	28 1/2	31 1/2	33 3/4	42	32	46	20	20	13
3516B	50	26 1/4	29	32	34 3/4	42	32	51	24	22	15 3/4
3516B	60	27	29 1/2	32 1/2	35 1/4	43	32	52	24	22	16 1/4
3525B	75	27	30	33 1/2	36 1/4	43	32	59	26	26	20 1/2
4002C	35	30	31 1/4	32 1/2	33 1/4	48	33	42	15	14	7
4003C	40	30	31 1/4	33 1/2	33	48	33	44	16	16	9
4004C	50	30	32	34 1/4	36 1/4	48	33	46	19	18	9 1/2
4006C	60	30	31 1/2	34 1/4	37 1/2	48	33	48	21	20	11 1/4
4010C	75	30	32 1/2	35 1/2	38 1/2	48	33	54	24	22	14 1/2
4402C	50	33 3/4	35 1/2	36 1/2	38	54	33	45	16	14	8
4403C	60	33	33 3/4	36 1/4	38 1/2	53	33	47	18	16	9 1/2
4404C	75	33	35	37 1/2	39 3/4	53	33	50	20	20	10 1/2

TYPE "PH" PRESSURE BLOWERS

ARRANGEMENT NO. 4—1750 R.P.M.



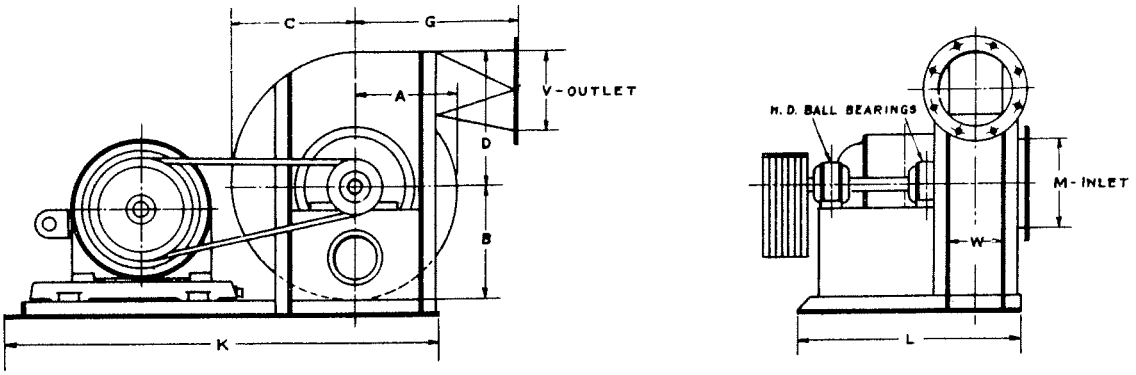
APPROXIMATE DIMENSIONS IN INCHES

SIZE NO.	HP.	A	B	C	D	G	K	L	M	V	W
1601A	1/3	12	12¾	13¼	13¾	19	15	18	5	2½	2
1602A	1/2	12	12¾	13½	13¾	19	15	18	5	4	5
1604A	3/4	12	12¾	13¾	14½	19	15	19	6	6	4
1606A	1	12	13	14	15	19	15	20	8	8	5
1610A	1½	12	13½	14¼	15½	19	15	21	10	8	6
1616A	2	12	13½	14¾	16	19	17	24	10	10	7½
1625A	3	12	13½	14¾	16½	19	17	27	12	12	9½
1636A	5	12	13½	15½	17½	19	18	30	15	14	11
1901A	3/4	13½	14½	15	15¾	21½	15	19	5	4	2¾
1903A	1	13½	14½	15	15¾	21½	15	19	6	5	4
1904A	1½	13½	14½	15½	16½	21½	15	19	8	7	4½
1906A	2	13½	14½	15¾	17	21½	17	22	9	8	5½
1910A	3	13½	14¾	16¾	17½	21½	17	24	10	10	6¾
1916A	5	14½	15¾	17½	19	23	18	28	12	12	8¾
1925A	7½	14½	16	17¾	19½	23	19½	32	16	14	11
1936A	10	14½	16	18½	20¾	23	21	35	18	16	13
2102A	1½	15	15¾	16¼	17	24	16	19	6	5	3¾
2103A	2	15	16	16¾	17½	24	16	22	8	8	4½
2106A	3	15	16	17½	18¾	24	16	25	10	10	6
2110A	5	15	16½	17¾	19½	24	19	27	12	12	7½
2116A	7½	15	16¾	18¼	20	24	20½	31	14	14	9½
2125A	10	15	16¾	18¾	20½	24	22	35	16	16	11½
2136A	15	15¾	17¾	20	22¼	25	22	40	18	18	14½
2302A	2	16½	17¼	18	18¾	26½	18	21½	6	5	4
2303A	3	16½	17½	18½	19¼	26½	18	25½	8	7	5
2306A	5	16½	17¾	19½	20¾	26½	19	26½	10	10	6¾
2310A	7½	16½	18	19¾	21¼	26½	20½	30	15	12	8¼
2310A	10	17¼	19	20½	22¼	27½	22	31½	14	12	8½
2316A	15	17¼	19	21	23	27½	22	36	16	15	10½
2325A	20	17¼	19½	21¼	23¼	27½	23½	38½	18	17	13¼
2336A	25	17½	19½	22	25	27½	23½	42	22	20	15¾
2504A	5	17¼	18½	19¾	21	27½	19	25	10	8	5½
2506A	7½	17¼	18½	20	21¾	27½	20½	29	12	10	7
2510A	10	18	19¼	21½	23¼	29	22	32	14	12	9
2516A	15	18	20	22	24	29	22	36	16	14	11
2516A	20	18¾	20⅓	22¼	25	30	23½	36	18	16	11½
2525A	25	18¾	21	23¼	25¾	30	23½	40	20	18	14¼
2525A	30	18¾	21	23¼	25¾	30	25	42	22	20	14¼
2536A	35	18¾	21	23¾	27½	30	26	45	24	22	17

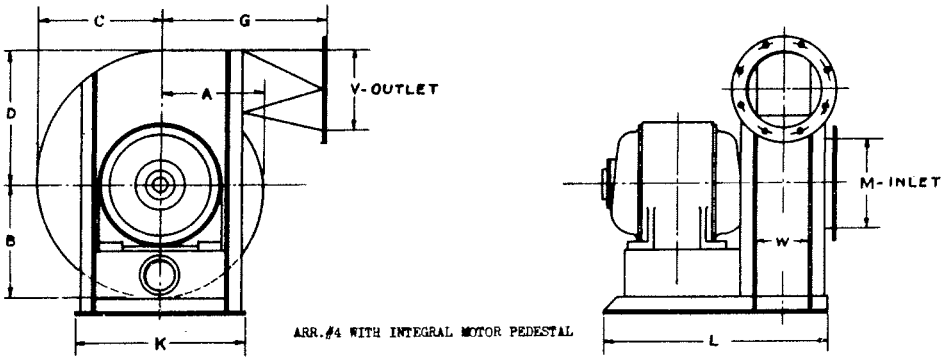
SIZE NO.	HP.	A	B	C	D	G	K	L	M	V	W
2703B	7½	19½	20¼	21¾	22¼	31	20½	27	10	8	6
2706B	10	19½	20¾	22¾	24½	31	22	31	12	10	8
2710B	15	19½	21½	23¼	25¼	31	22	35	14	14	9¾
2710B	20	20¼	22¼	24	26	32½	23½	35	16	15	10¼
2716B	25	20¼	22½	24¾	27	32½	23½	38	18	16	12½
2716B	30	20¼	22½	24¾	27	32	25	42	18	18	12½
2725B	35	20¼	22½	25	27¾	32½	26	44	20	20	15½
2725B	40	20¼	22½	25	27¾	32½	26	44	22	20	15½
2725B	50	21	23½	26	28¾	33½	28	48	24	22	16
2736B	60	21	23½	26¾	30½	33½	31	52	26	24	19¼
2902B	10	21¾	22¾	23¾	24½	35	22	28	9	8	5¼
2904B	15	21	22½	23¾	25½	35½	22	32	12	11	6¾
2906B	20	21	22½	24½	26¼	33½	23½	35½	14	13	8½
2910B	25	21¾	23¾	25¾	28	35	23½	37	16	16	10¾
2910B	30	21¾	23¾	25¾	28	35	25	40	18	16	10¾
2916B	35	21¾	24	26½	29	35	26	42	20	18	13¼
2916B	40	22½	24¾	27½	30	36	29	47	20	18	13¾
2916B	50	22½	24¾	27½	30	36	29	47	22	20	13¾
2925B	60	22½	25¼	27¾	30¾	36	32	51	24	22	17¼
2925B	75	22½	25¼	27¾	30¾	36	34	54	26	24	17¾
3302C	20	25	26¼	27	29	40	24½	32	12	10	6
3304C	25	25	26½	28¼	30	40	24½	35	14	14	8
3304C	30	25	26½	28¼	30	40	27	35	15	14	8
3306C	35	25	26½	28¾	31	40	27	40	18	16	10
3306C	40	25	26¼	28¾	31	40	27	40	18	16	10
3310C	50	25	27¼	29½	32	40	29	45	20	18	12¼
3310C	60	25¼	28	30¼	32¾	41	32	46	22	20	12¾
3316C	75	25½	28¼	31	33¾	41	32	52	24	22	15½
3702C	35	28	29	30½	31¼	44	27	36	14	12	6¾
3703C	40	28	29	30¾	31¼	44	28	40	14	14	8¼
3704C	50	28	29½	31½	33½	44	29	42	16	16	9
3706C	60	28	29½	32¼	34¾	44	32	44	18	18	11½
3710C	75	28	31	33	35¼	44	32	50	20	20	13¼
4002D	50	30	31½	32¾	33¾	48	33	44	14	12	7½
4003D	60	30	31¾	33½	35	48	33	45	16	14	9
4004D	75	30	32	34	36¼	48	33	47	18	16	9¾

TYPE "PH" PRESSURE BLOWERS

ARRANGEMENTS NO. 1A AND NO. 4—3500 R.P.M.



ARR.#1A WITH H.D. BEARINGS, "V" BELT DRIVE AND INTEGRAL MOTOR BASE



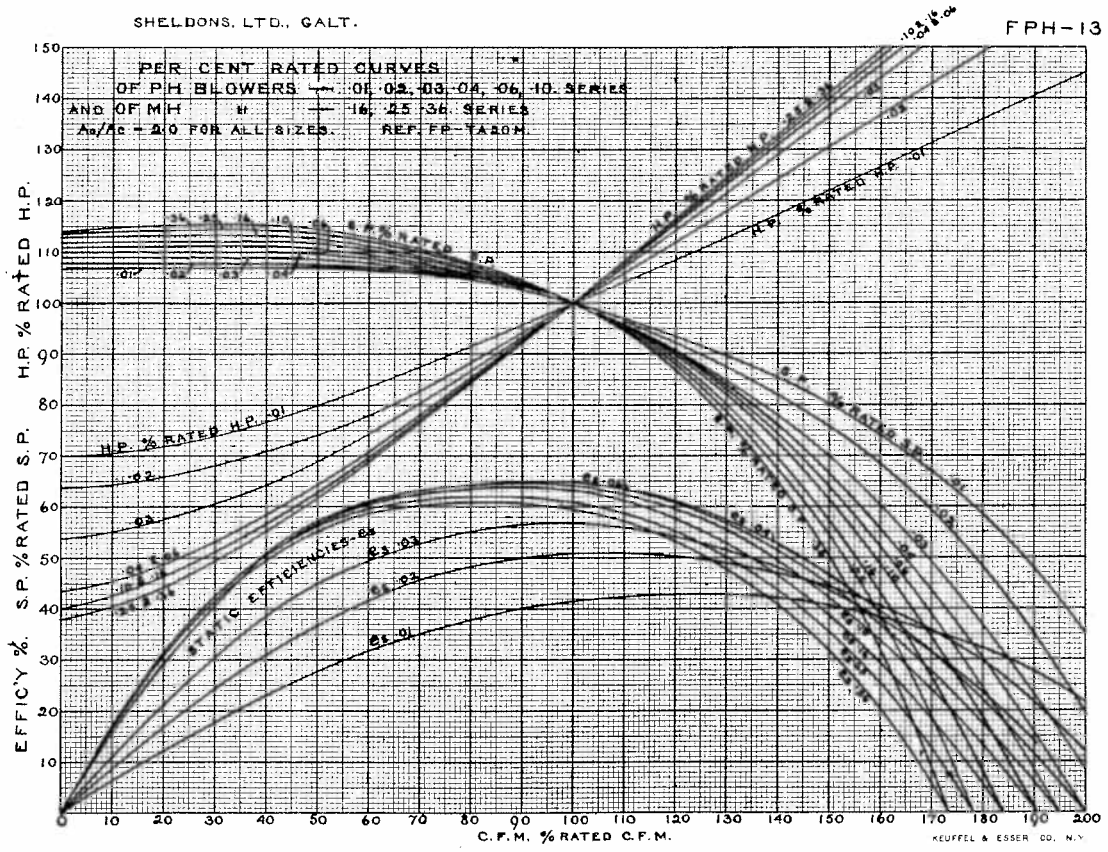
ARR.#4 WITH INTEGRAL MOTOR PEDESTAL

APPROXIMATE DIMENSIONS IN INCHES

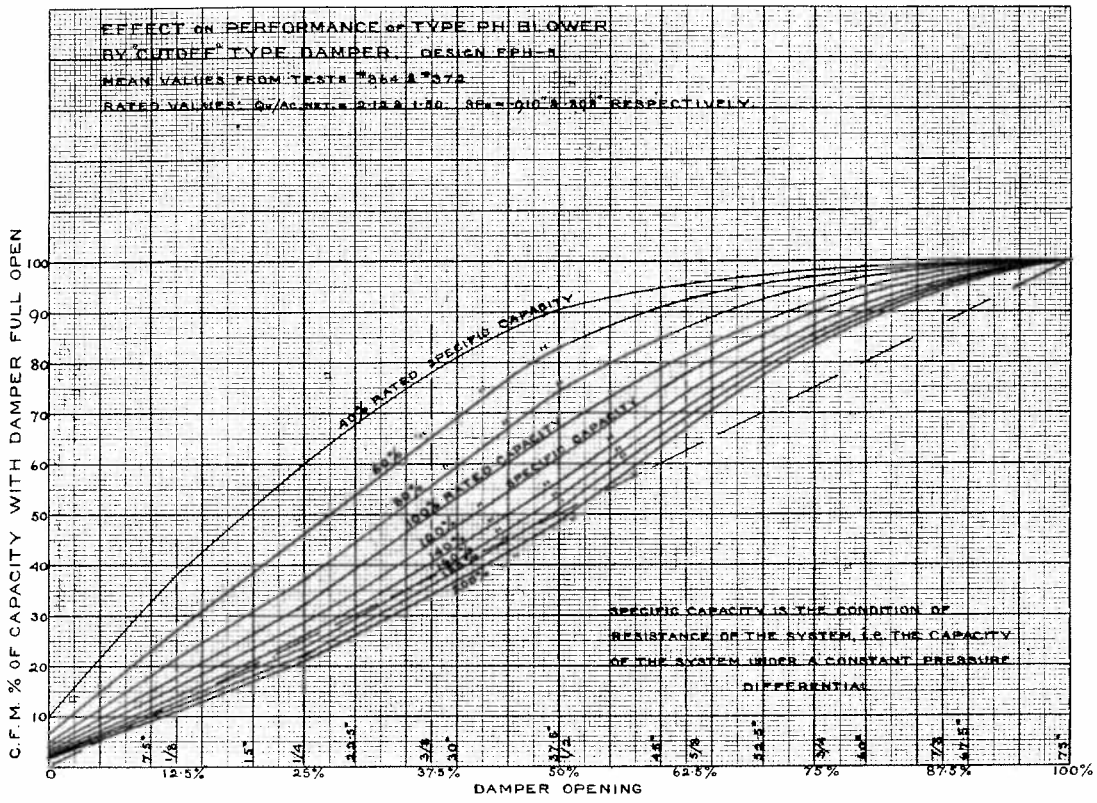
SIZE NO.	HP.	A	B	C	D	G	K #1A	K #4	L	M	V	W
1203B	1	9¼	9¾	10¼	10¾	14½	55	14	16	4	5½	2¾
1204B	1½	9¼	9¾	10¼	11	14½	55	14	16½	5	5	5
1206B	2	9¼	9¾	10½	11¼	14½	56	14	17½	6	6	4
1210B	3	9¼	10	10¾	11¾	14½	59	16	20	8	8	4¾
1225B	5	9¾	10¼	11¼	12½	14½	42	16	25½	9	8	7
1236B	7½	9¼	10¼	11½	15¼	14½	46	17	26	11	10	8½
1236B	10	10	11	12½	14¼	15¾	50	18½	29	12	11	9
1302B	1½	10	10¼	10¾	11¼	15¾	56	14	16	4	5½	2½
1304B	2	10	10½	11¼	12	15¾	57	14	17	6	5	5¼
1306B	3	10	10½	11½	12¾	15¾	40	16	20	8	6	4
1310B	5	10	10¾	11¾	12¾	15¾	43	16	21½	9	8	5
1316B	7½	10	11	12	13	15¾	46	17	24	10	9	6
1325B	10	10¾	11¾	13	14½	17	52	19½	29	12	10	8¼
1336B	15	10¾	12	13½	15¼	17	53	21	31½	13	12	9¾
1405B	5	10¾	11¼	11¾	12¼	17	41	17	20	6	5	5¼
1406B	5	10¾	11¼	12¼	13¼	17	44	17	22	8	8	4¼
1410B	7½	10¾	11½	12½	13¾	17	48	18	24	9	8	5¼
1416B	10	10¾	11¾	12¾	14	17	52	19½	27	10	10	6½
1425B	15	11¼	12½	14	15½	18	55	21	31	12	12	8¼
1436B	20	11¼	12¾	14½	16½	18	57	21	34	14	13	10½
1436B	25	12	13½	15¼	17½	19	59	22½	34	15	14	11
1702C	5	12¾	13½	14	14½	20½	46	17	20	6	5	5¼
1704C	7½	12	12¾	13½	14¾	19	49	18	23	8	7	4
1706C	10	12	12¾	14	15	19	52	19½	26	9	8	5
1710C	15	12¾	14	15¼	16½	20½	54	21	28	11	10	6½
1716C	20	12¾	14¼	15½	17	20½	58	21	32	12	11	8
1716C	25	12¾	15	16½	18	22	60	22½	32	13	12	8¼
1725C	30	13½	15	16¾	18½	22	67	22½	35	15	14	10½
1725C	35	13½	15	16¾	18½	22	67	22½	35	16	15	10½
1756C	40	13½	15¼	17¼	19¾	22	68	25	39	18	16	12¼
1756C	50	13½	15¼	17¼	19¾	22	68	25	39	18	17	12½
1903C	10	13¾	14½	15½	16	22	54	19½	25	8	7	4½
1906C	15	13¾	14½	15¾	17	22	56	21	28	10	9	5¼
1910C	20	13¾	15	16¼	17½	22	59	21	31	11	10	7
1910C	25	14½	15	17	18½	23	61	22½	31	12	11	7¼
1910C	30	14½	15¾	17	18½	23	64	22½	31	12	12	7¼
1916C	35	14½	16	17½	19	23	67	22½	34	14	13	9
1916C	40	14½	16	17½	19	23	67	22½	34	14	14	9
1925C	50	14¾	16	17¾	19¾	23	69	25	38	18	16	11
2103D	15	15½	16	16¾	17¾	24	57	22	27	8	8	4¾
2104D	20	15¼	16	17¼	18¼	24	60	22	30	10	10	5
2106D	25	15¼	16	17½	19	24	62	23½	31	11	10	6¼
2106D	30	15¼	16	17½	19	24	65	23½	31	12	11	6¼
2110D	35	15¼	16¼	18	19½	24	68	23½	34	13	12	7¾
2110D	40	15½	16½	18	19½	24	69	25	35	14	13	7¾
2116D	50	15¼	16¾	18½	20	24	71	26	37	15	14	9¼
2202D	20	16¾	17½	18	18¾	26½	61	22	29	8	8	4¾
2203D	25	16¾	17½	18½	19½	26½	63	23½	30	10	9	5¾
2204D	30	16¾	17½	19	20	26½	66	23½	32	11	10	5¾
2206D	35	16¾	17¾	19¼	20¾	26½	70	23½	33	12	11	7
2206D	40	16¾	18	19¼	21	26½	70	23½	37	12	12	7
2210D	50	16¾	18¼	19¾	21½	26½	72	26	40	14	14	8½
2302D	30	17½	18½	19	20	27½	70	23½	30	10	8	4¾
2305D	35	17½	18½	19¼	20¼	27½	70	23½	31	11	10	5½
2304D	40	17½	18½	19¾	21	27½	72	25	33	12	10	5¾
2306D	50	17½	18½	20¼	21¾	27½	72	26	35	14	12	7¼

SHELDONS, LTD., GALT.

FPH-13

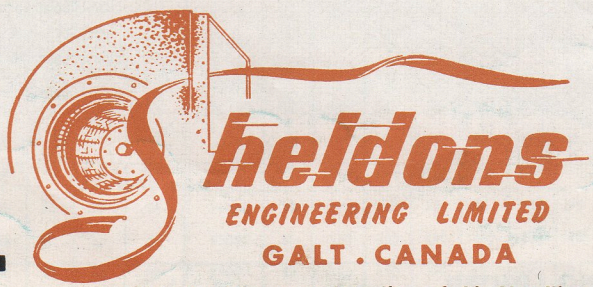


FPH-17



AIR HANDLING PRODUCTS

- Forced Draft Fans
- Induced Draft Fans
- Keith and Silavent Fans
- Keith Ventilating Sets
- Airscrew Fans and Automatic Shutters
- Sheldon Axial Flow Fans
- Medium Blowers and Exhausters
- Mill Exhausters
- Exhaust and Blow Pipe System Accessories
- Dust Separators and Collectors
- Dust Filters
- Centrifugal Blowers
- Unit Heaters — Horizontal and Vertical Types
- Industrial Heaters
- Airwashers and Dehumidifiers
- Air Conditioning Cabinets
- Drying Equipment
- Steam Specialties



Manufacturers of a complete line of Air Handling Apparatus for every industrial, commercial, mining and processing need.