

Centrifugal Fans, Non-Overloading, Backward Inclined

MVA, MVZ, MVX & MVW Series with laminar blades
MAVA, MAVZ & MAVX Series with aerofoil blades

Features

The combination of scientifically designed aerofoil or laminar (single thickness) blades with the highly desirable non-overloading power characteristic of backward inclined blades produce fans that offers the ultimate in high efficiency and quiet operation.

The laminar bladed fan is used for general purpose applications and can tolerate very light dust load while the higher efficiency aerofoil bladed fan is used to achieve substantial power saving in large sized fans. The aerofoil bladed series are only suitable for clean air applications.

Both single width single inlet (SWSI) and double width double inlet (DWDI) fans are available. For DWDI fans delivering twice the volume at the same static pressure, multiply fan RPM by 1.01, and multiply fan absorbed power by 2.04.

The above fans are custom built to optimise the mechanical design to achieve excellent performance that will assist our customers to find competitive solutions to their air movement problems. All the fan components are liberally sized to ensure long trouble free life.

The mechanical design can be tailored to meet different operating conditions i.e. temperature, corrosion, noise, dust load, humidity, abrasion, space limitation etc. The fan handing can be adapted to meet your specific requirement without restrictions.

Construction

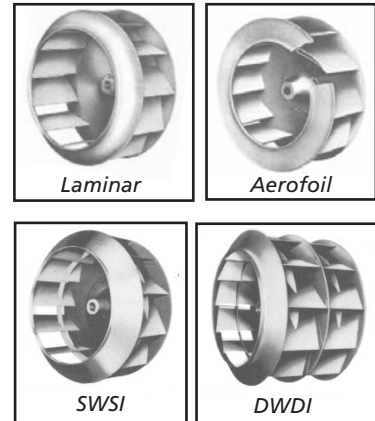
Casing - Heavy welded construction from plate steel. Side plates stiffened to prevent drumming. Scroll designed to optimise fan pressure developed by impeller.
Impeller - ruggedly built, welded mild steel construction, dynamically balanced to International Standard ISO 1940, to ensure smooth running without vibration.
Pedestal - top & sides fabricated from heavy mild steel plate.

Optional Extras

Silencers, lagged casing, filters, guards, dampers, inlet boxes, variable inlet vanes, anti-vibration mounts, matching flanges, flexible connections, wear plates on impeller and housing, split housing, corrosive resistant coatings, stainless steel housing & impeller, anti-sparking construction.

Applications

General air handling, pneumatic conveying, pollution control, ventilation, drying, cooling, exhausting, extraction of fumes, chemical processing, combustion, food processing etc.



MAVA 320 fan, Arr.1, 45kw c/w discharge damper, silencer and elbow.
 Grain dust collection system.



MVZ 630 Fan, Arr.8, Coupling Driven, 300kw



MVZ 191 Fan, Arr. 9 with cooling fin for high temperature



MVW 360 Fans, Arr. 1, 75kw



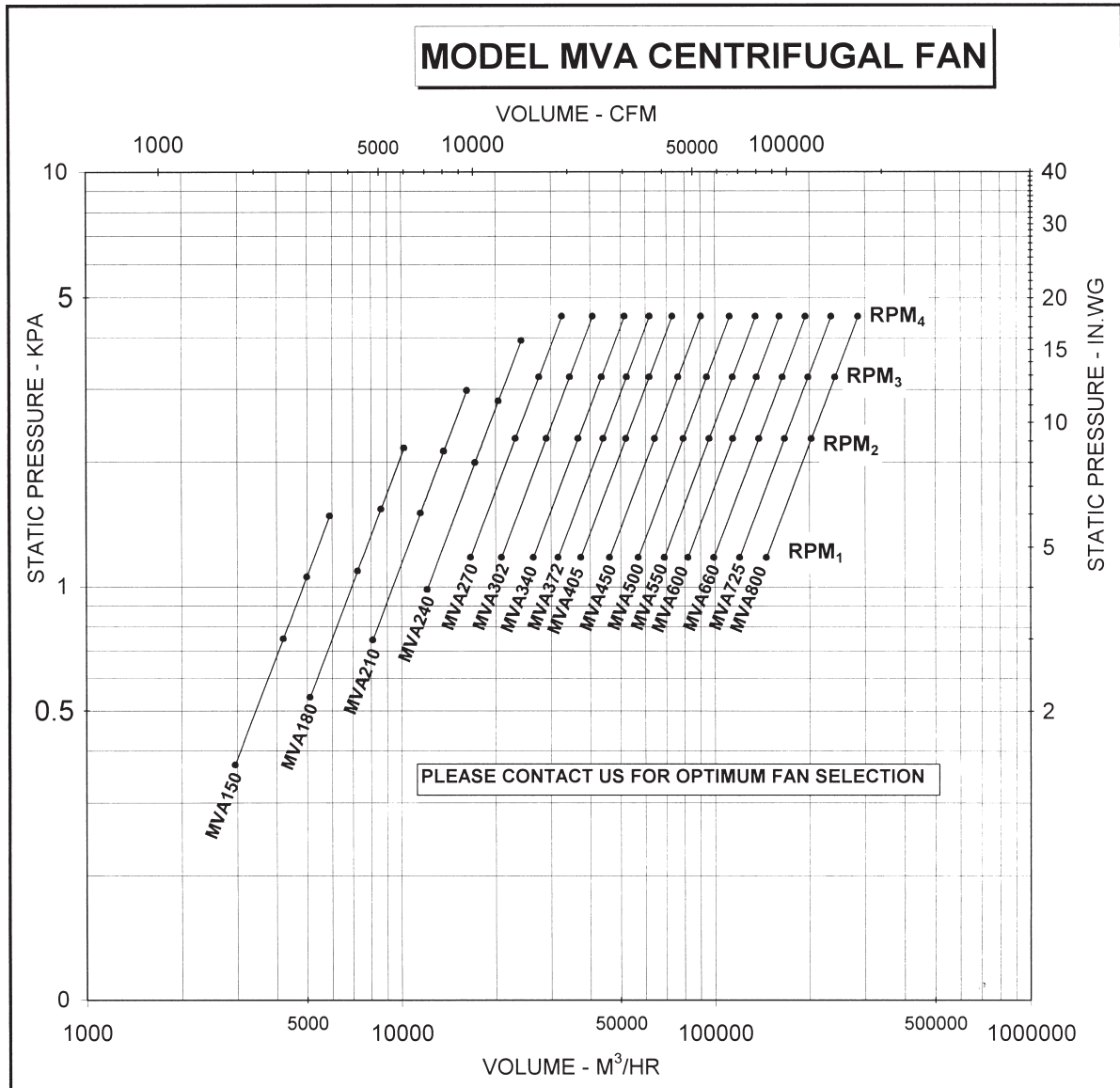
MVX 240 Fan, Arr. 9, 7.5kw



MAVA 540 Fan, Arr.3, DWDI, 90kw c/w discharge damper



MVZ 340 (75kw), MVX 340 (55kw) and MVX 240 (30kw) Fans, Arr. 1 c/w discharge silencers



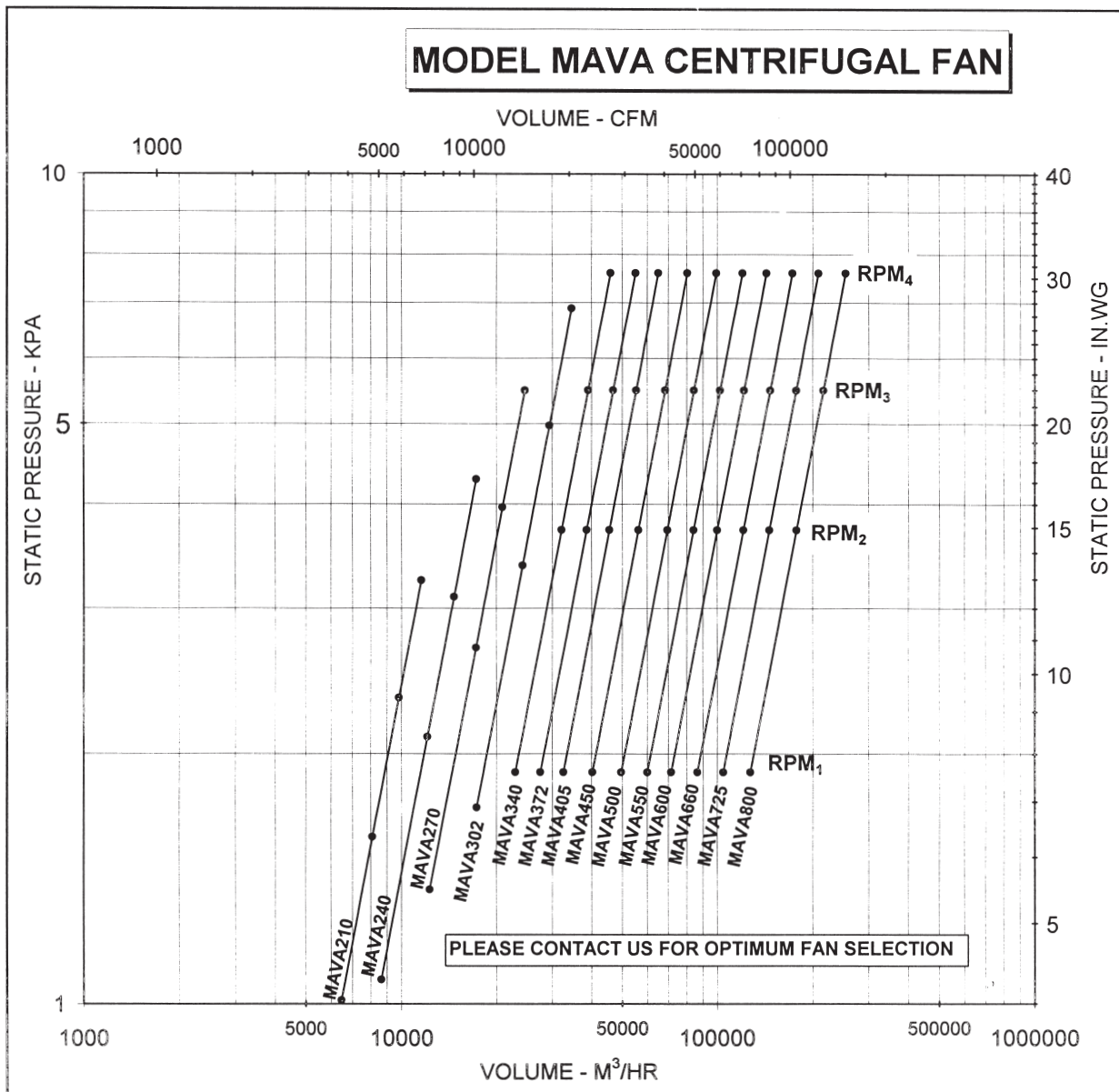
MODEL NO.	IMP. DIAM.	EFF. %	RPM = Fan Speed ; M/S = Outlet Velocity ; KW = Absorbed Power ; dBA = Inlet or Outlet Noise @ 1 m															
			RPM ₁	M/S ₁	KW ₁	dBA ₁	RPM ₂	M/S ₂	KW ₂	dBA ₂	RPM ₃	M/S ₃	KW ₃	dBA ₃	RPM ₄	M/S ₄	KW ₄	dBA ₄
MVA150	380	67.1%	1450	6.6	0.5	68.1	2062	9.4	1.3	75.7	2449	11.2	2.2	79.5	2900	13.2	3.6	83.1
MVA180	458	68.7%	1450	7.9	1.1	73.6	2062	11.3	3.2	81.2	2449	13.4	5.4	85.0	2900	15.9	8.9	88.6
MVA210	534	70.2%	1450	9.3	2.4	78.1	2062	21.0	6.9	85.7	2449	15.6	11.5	89.5	2900	18.5	19.1	93.1
MVA240	610	71.8%	1450	10.6	4.6	81.9	2062	15.1	13.3	89.6	2449	17.9	22.2	93.3	2900	21.2	36.9	97.0
MVA270	686	73.4%	1401	11.5	7.4	84.6	1949	16.0	20.0	91.7	2314	19.0	33.5	95.5	2741	22.5	55.6	99.2
MVA302	768	73.5%	1250	11.5	9.3	85.5	1740	16.0	25.1	92.7	2066	19.0	42.0	96.4	2446	22.5	69.7	100.1
MVA340	864	73.5%	1112	11.5	11.8	86.5	1548	16.0	31.7	93.7	1838	19.0	53.0	97.4	2176	22.5	88.0	101.1
MVA372	946	73.6%	1015	11.5	14.1	87.3	1413	16.0	38.0	94.5	1678	19.0	63.6	98.2	1987	22.5	105.6	101.9
MVA405	1030	73.6%	934	11.5	16.7	88.0	1299	16.0	44.9	95.2	1543	19.0	75.1	99.0	1827	22.5	124.8	102.6
MVA450	1144	73.7%	840	11.5	20.5	88.9	1169	16.0	55.3	96.1	1389	19.0	92.7	99.8	1644	22.5	153.9	103.5
MVA500	1270	73.7%	756	11.5	25.3	89.8	1052	16.0	68.3	97.0	1250	19.0	114.3	100.7	1480	22.5	189.8	104.4
MVA550	1398	73.8%	688	11.5	30.6	90.6	957	16.0	82.5	97.8	1136	19.0	138.2	101.5	1345	22.5	229.4	105.2
MVA600	1524	73.9%	630	11.5	36.4	91.3	877	16.0	98.1	98.5	1041	19.0	164.3	102.2	1233	22.5	272.8	105.9
MVA660	1676	74.0%	573	11.5	44.0	92.1	797	16.0	118.6	99.3	947	19.0	198.5	103.0	1121	22.5	329.7	106.7
MVA725	1842	74.1%	522	11.5	53.1	92.9	726	16.0	142.9	100.1	862	19.0	239.3	103.8	1021	22.5	397.3	107.5
MVA800	2032	74.2%	473	11.5	64.5	93.8	658	16.0	173.7	100.9	781	19.0	290.9	104.7	925	22.5	483.1	108.3

Impeller Type : Laminar, Backward Inclined, Non Overloading, Single Width Single Inlet

Operating Conditions : Temperature 20° C ; Atm. Pressure 101.325 kPa ; Inlet Air Density 1.2 kg/m³

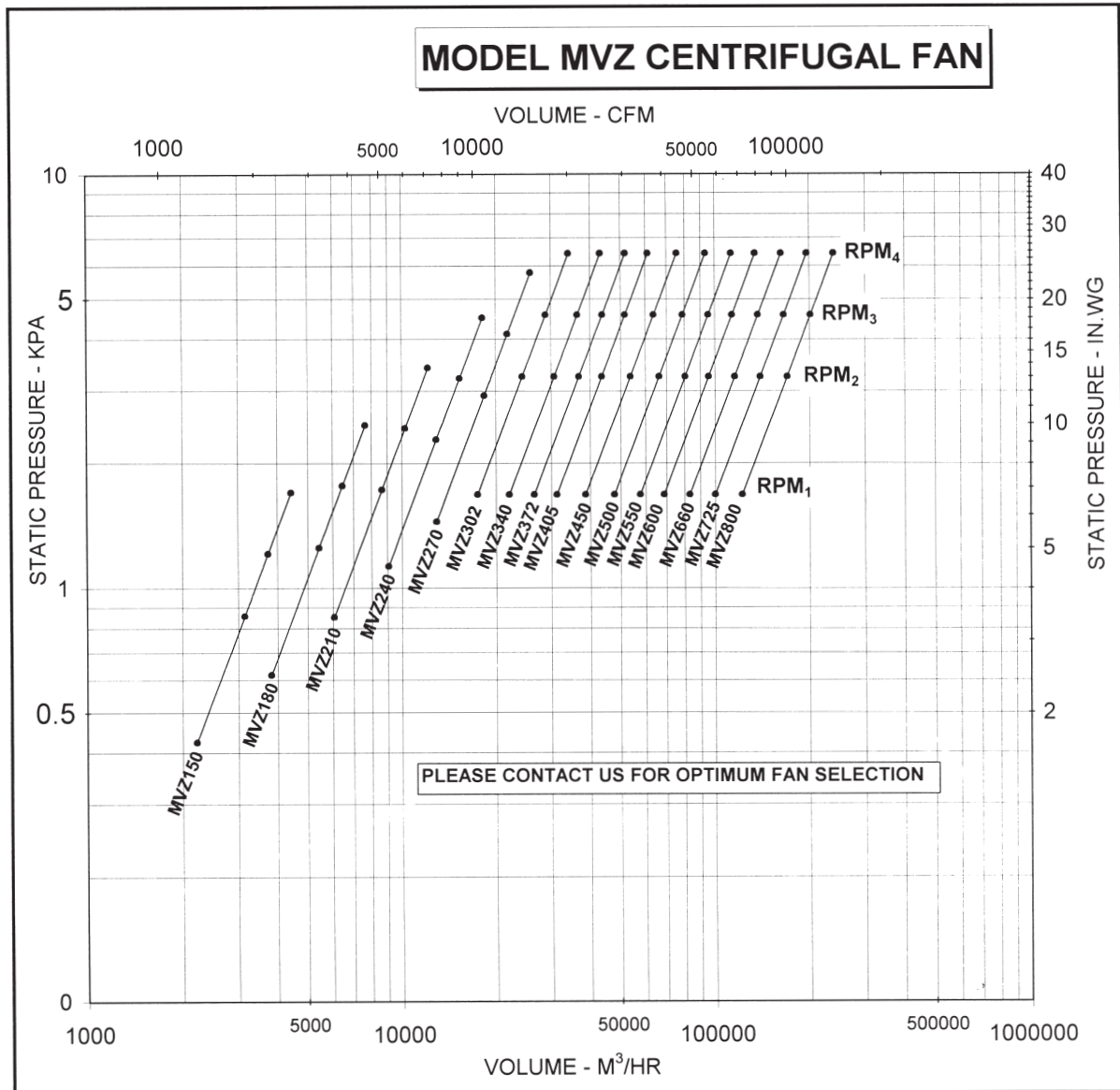
Fan Peak Absorbed Power(kW) = Fan Absorbed Power(kW) x 1.068

Impeller Tip Speed(m/s) = 5.24 x 10⁻⁵ x Impeller Diameter(mm) x Fan Speed(rpm)



MODEL NO.	IMP. DIAM.	EFF. %	RPM = Fan Speed ; M/S = Outlet Velocity ; KW = Absorbed Power ; dBA = Inlet or Outlet Noise @ 1 m															
			RPM ₁	M/S ₁	KW ₁	dBA ₁	RPM ₂	M/S ₂	KW ₂	dBA ₂	RPM ₃	M/S ₃	KW ₃	dBA ₃	RPM ₄	M/S ₄	KW ₄	dBA ₄
MAVA210	534	78.2%	1620	7.4	2.3	77.5	2030	21.0	4.6	82.4	2465	11.2	8.2	86.6	2900	13.2	13.3	90.1
MAVA240	610	80.0%	1450	7.6	3.2	78.9	2030	10.6	8.8	86.2	2465	12.0	15.8	90.4	2900	15.1	25.7	94.0
MAVA270	686	81.8%	1450	8.5	5.7	82.3	2030	11.9	15.7	89.6	2465	14.5	28.2	93.8	2900	17.0	45.9	97.3
MAVA302	768	81.9%	1450	9.5	10.1	85.7	2030	13.3	27.8	93.0	2465	16.2	49.7	97.2	2900	19.1	81.0	100.8
MAVA340	864	81.9%	1355	10.0	14.8	87.8	1897	14.0	40.7	95.1	2304	17.0	72.8	99.3	2711	20.0	118.6	102.8
MAVA372	946	82.0%	1237	10.0	17.8	88.5	1732	14.0	48.8	95.9	2103	17.0	87.3	100.1	2474	20.0	142.2	103.6
MAVA405	1030	82.0%	1138	10.0	21.0	89.3	1593	14.0	57.6	96.6	1934	17.0	103.2	100.8	2276	20.0	168.0	104.4
MAVA450	1144	82.1%	1024	10.0	25.9	90.2	1434	14.0	71.1	97.5	1741	17.0	127.3	101.7	2048	20.0	207.2	105.2
MAVA500	1270	82.2%	922	10.0	32.0	91.0	1290	14.0	87.7	98.3	1567	17.0	157.0	102.6	1843	20.0	255.6	106.1
MAVA550	1398	82.2%	838	10.0	38.6	91.9	1173	14.0	106.0	99.2	1424	17.0	189.8	103.4	1676	20.0	309.0	106.9
MAVA600	1524	82.3%	768	10.0	45.9	92.6	1075	14.0	126.0	99.9	1306	17.0	225.6	104.1	1536	20.0	367.4	107.6
MAVA660	1676	82.4%	698	10.0	55.5	93.4	977	14.0	152.3	100.7	1187	17.0	272.7	104.9	1396	20.0	444.0	108.4
MAVA725	1842	82.5%	636	10.0	66.9	94.2	890	14.0	183.6	101.5	1080	17.0	328.6	105.7	1271	20.0	535.1	109.2
MAVA800	2032	82.6%	576	10.0	81.3	95.0	806	14.0	223.2	102.3	979	17.0	399.6	106.5	1152	20.0	650.7	110.1

Impeller Type : Aerofoil Bladed, Backward Curved, Non Overloading, Single Width Single Inlet
 Operating Conditions : Temperature 20° C ; Atm. Pressure 101.325 kPa ; Inlet Air Density 1.2 kg/m³
 Fan Peak Absorbed Power(kW) = Fan Absorbed Power(kW) x 1.04
 Impeller Tip Speed(m/s) = 5.24 x 10⁻⁵ x Impeller Diameter(mm) x Fan Speed(rpm)



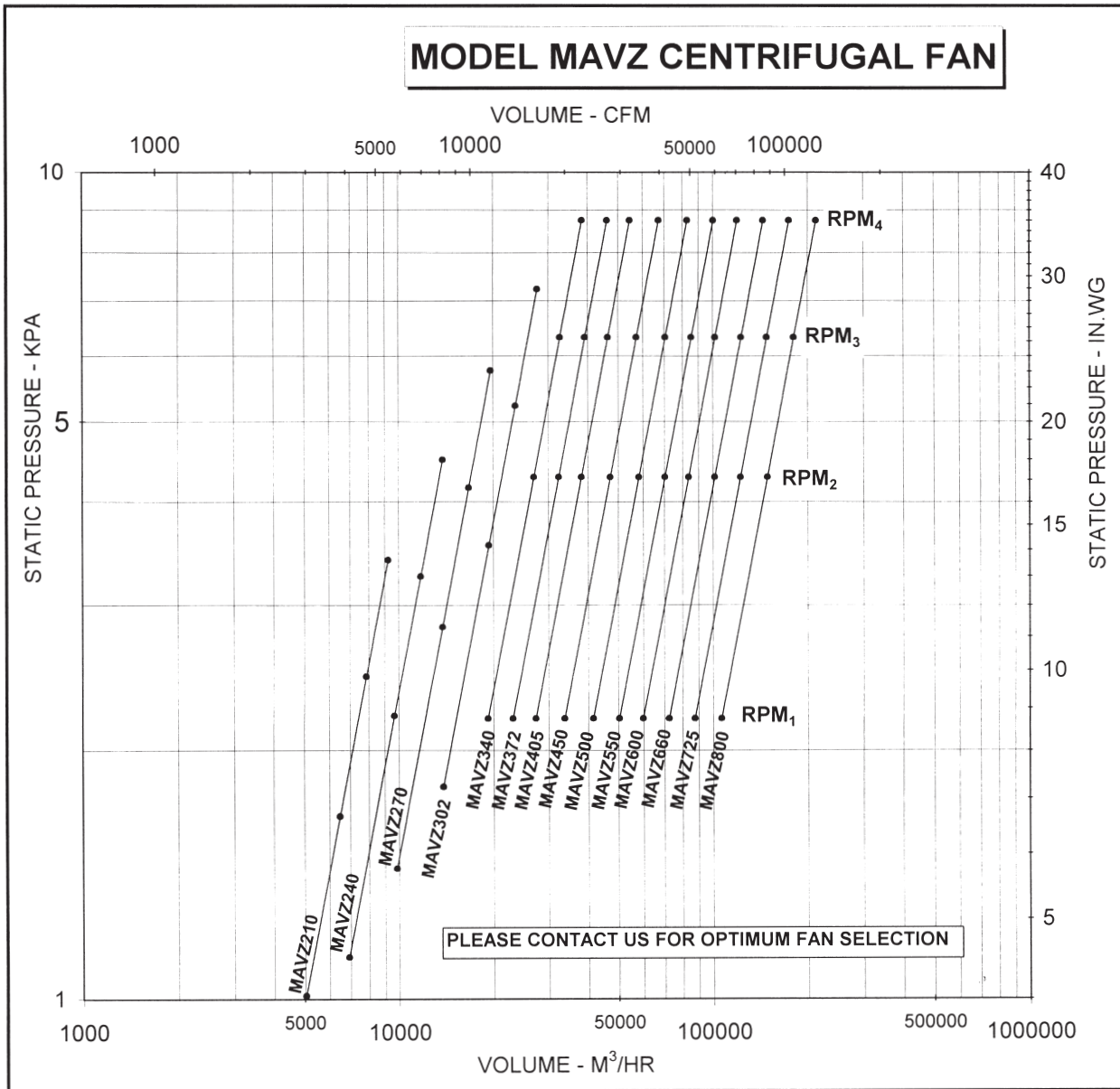
MODEL NO.	IMP. DIAM.	EFF. %	RPM = Fan Speed ; M/S = Outlet Velocity ; KW = Absorbed Power ; dBA = Inlet or Outlet Noise @ 1 m															
			RPM ₁	M/S ₁	KW ₁	dBA ₁	RPM ₂	M/S ₂	KW ₂	dBA ₂	RPM ₃	M/S ₃	KW ₃	dBA ₃	RPM ₄	M/S ₄	KW ₄	dBA ₄
MVZ150	380	71.5%	1450	5.9	0.4	67.6	2062	8.4	1.1	75.3	2449	10.0	1.8	79.0	2900	11.9	2.9	82.7
MVZ180	458	73.1%	1450	7.1	0.9	73.1	2062	10.1	2.6	80.8	2449	12.0	4.3	84.5	2900	14.2	7.2	88.2
MVZ210	534	74.8%	1450	8.3	1.9	77.6	2062	21.0	5.5	85.3	2449	14.0	9.3	89.0	2900	16.6	15.4	92.7
MVZ240	610	76.5%	1450	9.5	3.7	81.5	2062	13.5	10.7	89.1	2449	16.0	17.9	92.9	2900	19.0	29.8	96.5
MVZ270	686	78.2%	1450	10.7	6.6	84.8	2062	15.2	19.1	92.5	2449	18.0	32.0	96.2	2900	21.3	53.1	99.9
MVZ302	768	78.2%	1395	11.5	10.4	87.4	1941	16.0	28.1	94.6	2305	19.0	47.1	98.3	2729	22.5	78.1	102.0
MVZ340	864	78.3%	1241	11.5	13.2	88.4	1727	16.0	35.5	95.6	2050	19.0	59.4	99.3	2428	22.5	98.6	103.0
MVZ372	946	78.3%	1133	11.5	15.8	89.2	1576	16.0	42.6	96.4	1872	19.0	71.3	100.1	2216	22.5	118.3	103.8
MVZ405	1030	78.4%	1042	11.5	18.7	89.9	1450	16.0	50.3	97.1	1721	19.0	84.2	100.9	2039	22.5	139.8	104.5
MVZ450	1144	78.5%	938	11.5	23.0	90.8	1305	16.0	62.0	98.0	1549	19.0	103.8	101.7	1835	22.5	172.4	105.4
MVZ500	1270	78.5%	844	11.5	28.4	91.7	1174	16.0	76.5	98.9	1394	19.0	128.1	102.6	1651	22.5	212.7	106.3
MVZ550	1398	78.6%	767	11.5	34.3	92.5	1067	16.0	92.5	99.7	1268	19.0	154.8	103.4	1501	22.5	257.1	107.1
MVZ600	1524	78.7%	703	11.5	40.8	93.2	978	16.0	109.9	100.4	1162	19.0	184.1	104.1	1376	22.5	305.7	107.8
MVZ660	1676	78.8%	639	11.5	49.3	94.0	890	16.0	132.9	101.2	1056	19.0	222.5	104.9	1251	22.5	369.5	108.6
MVZ725	1842	78.9%	582	11.5	59.5	94.8	810	16.0	160.1	102.0	962	19.0	268.1	105.7	1139	22.5	445.3	109.4
MVZ800	2032	79.0%	527	11.5	72.3	95.7	734	16.0	194.7	102.8	871	19.0	326.0	106.6	1032	22.5	541.4	110.2

Impeller Type : Laminar, Backward Inclined, Non Overloading, Single Width Single Inlet

Operating Conditions : Temperature 20° C ; Atm. Pressure 101.325 kPa ; Inlet Air Density 1.2 kg/m³

Fan Peak Absorbed Power(kW) = Fan Absorbed Power(kW) x 1.0843

Impeller Tip Speed(m/s) = 5.24 x 10⁻⁵ x Impeller Diameter(mm) x Fan Speed(rpm)



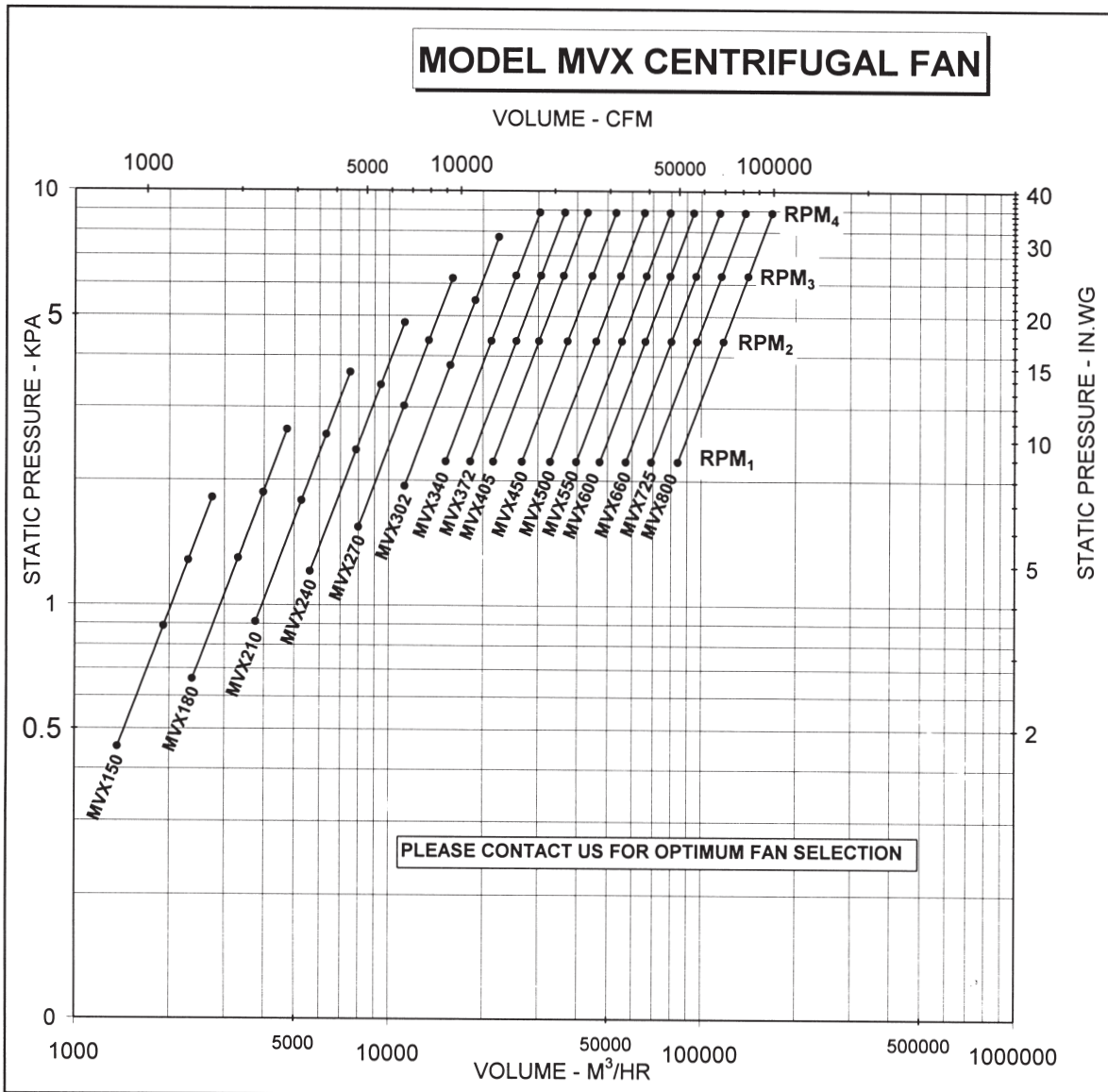
MODEL NO.	IMP. DIAM.	EFF. %	RPM = Fan Speed ; M/S = Outlet Velocity ; KW = Absorbed Power ; dBA = Inlet or Outlet Noise @ 1 m															
			RPM ₁	M/S ₁	KW ₁	dBA ₁	RPM ₂	M/S ₂	KW ₂	dBA ₂	RPM ₃	M/S ₃	KW ₃	dBA ₃	RPM ₄	M/S ₄	KW ₄	dBA ₄
MAVZ210	534	81.3%	1580	6.9	1.7	76.6	2030	21.0	3.7	82.1	2465	10.7	6.6	86.3	2900	12.6	10.8	89.8
MAVZ240	610	83.1%	1450	7.2	2.6	78.6	2030	10.1	7.1	85.9	2465	12.3	12.8	90.1	2900	14.4	20.8	93.7
MAVZ270	686	85.0%	1450	8.1	4.6	82.0	2030	11.4	12.7	89.3	2465	13.8	22.8	93.5	2900	16.3	37.1	97.0
MAVZ302	768	85.0%	1450	9.1	8.2	85.4	2030	12.7	22.5	92.7	2465	15.5	40.2	96.9	2900	18.2	65.5	100.4
MAVZ340	864	85.1%	1419	10.0	13.7	88.5	1986	14.0	37.7	95.8	2412	17.0	67.5	100.0	2838	20.0	110.0	103.5
MAVZ372	946	85.2%	1295	10.0	16.5	89.2	1813	14.0	45.2	96.5	2202	17.0	81.0	100.7	2590	20.0	131.9	104.3
MAVZ405	1030	85.2%	1191	10.0	19.5	90.0	1668	14.0	53.4	97.3	2025	17.0	95.7	101.5	2382	20.0	155.8	105.0
MAVZ450	1144	85.3%	1072	10.0	24.0	90.8	1501	14.0	65.9	98.2	1822	17.0	118.0	102.4	2144	20.0	192.2	105.9
MAVZ500	1270	85.4%	965	10.0	29.6	91.7	1351	14.0	81.3	99.0	1640	17.0	145.6	103.2	1930	20.0	237.1	106.8
MAVZ550	1398	85.4%	877	10.0	35.8	92.5	1228	14.0	98.3	99.9	1491	17.0	176.0	104.1	1754	20.0	286.6	107.6
MAVZ600	1524	85.5%	804	10.0	42.6	93.3	1126	14.0	116.9	100.6	1367	17.0	209.3	104.8	1608	20.0	340.7	108.3
MAVZ660	1676	85.6%	731	10.0	51.5	94.1	1023	14.0	141.3	101.4	1243	17.0	252.9	105.6	1462	20.0	411.8	109.1
MAVZ725	1842	85.7%	665	10.0	62.0	94.8	932	14.0	170.2	102.2	1131	17.0	304.8	106.4	1331	20.0	496.3	109.9
MAVZ800	2032	85.8%	603	10.0	75.4	95.7	844	14.0	207.0	103.0	1025	17.0	370.6	107.2	1206	20.0	603.5	110.7

Impeller Type : Aerofoil Bladed, Backward Curved, Non Overloading, Single Width Single Inlet

Operating Conditions : Temperature 20⁰ C ; Atm. Pressure 101.325 kPa ; Inlet Air Density 1.2 kg/m³

Fan Peak Absorbed Power(kW) = Fan Absorbed Power(kW) x 1.0473

Impeller Tip Speed(m/s) = 5.24 x 10⁻⁵ x Impeller Diameter(mm) x Fan Speed(rpm)



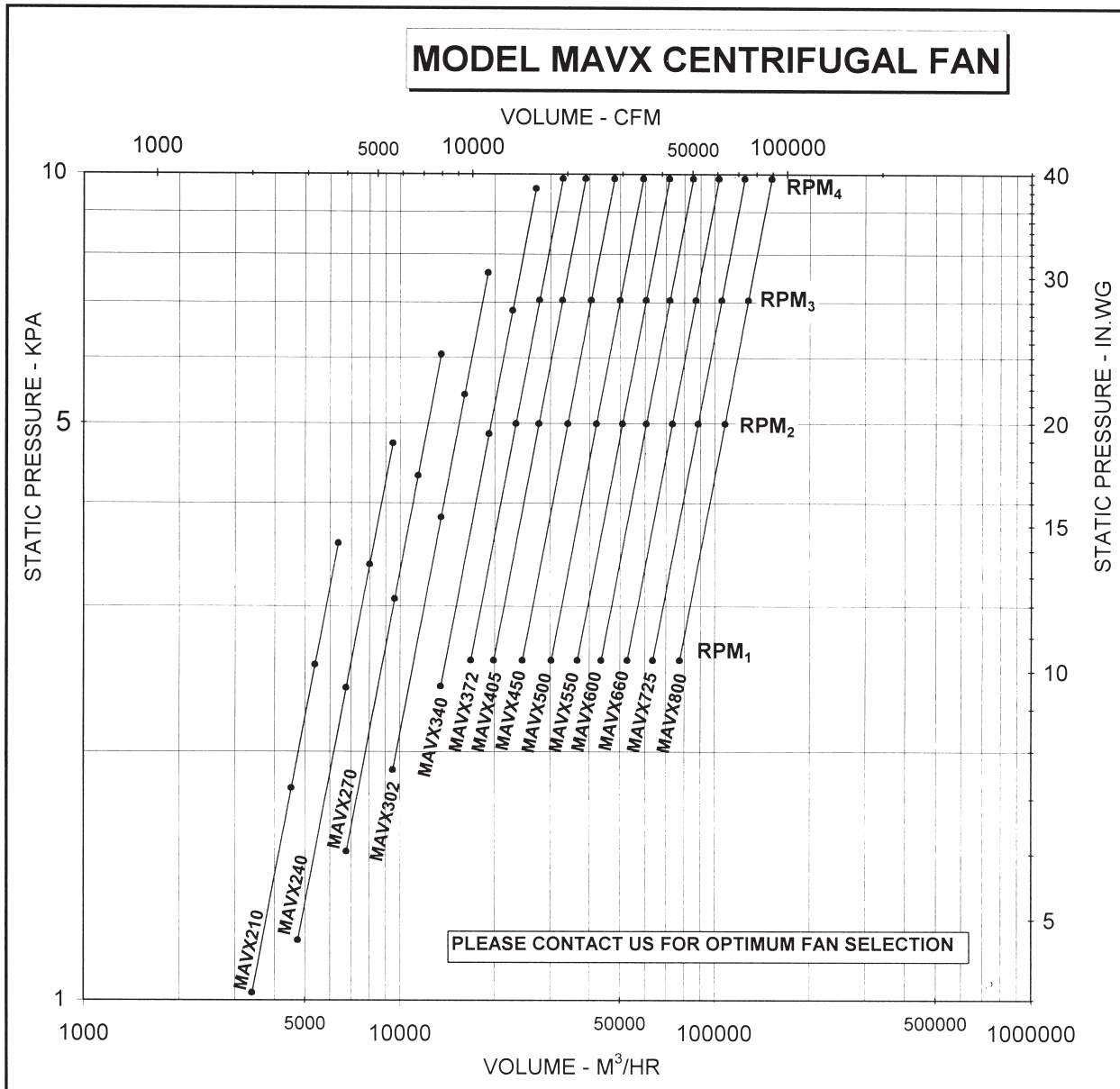
MODEL NO.	IMP. DIAM.	EFF. %	RPM = Fan Speed ; M/S = Outlet Velocity ; KW = Absorbed Power ; dBA = Inlet or Outlet Noise @ 1 m															
			RPM ₁	M/S ₁	KW ₁	dBA ₁	RPM ₂	M/S ₂	KW ₂	dBA ₂	RPM ₃	M/S ₃	KW ₃	dBA ₃	RPM ₄	M/S ₄	KW ₄	dBA ₄
MVX150	380	70.4%	1450	5.8	0.2	67.7	2030	8.1	0.7	75.1	2436	9.7	1.2	79.0	2900	11.6	2.0	82.8
MVX180	458	72.0%	1450	6.9	0.6	73.2	2030	9.7	1.7	80.5	2436	11.7	2.9	84.5	2900	13.9	4.8	88.3
MVX210	534	73.6%	1450	8.1	1.3	77.7	2030	21.0	3.5	85.0	2436	13.6	6.1	89.0	2900	16.2	10.3	92.8
MVX240	610	75.3%	1450	9.3	2.5	81.6	2030	13.0	6.9	88.9	2436	15.6	11.8	92.9	2900	18.5	20.0	96.6
MVX270	686	77.0%	1450	10.4	4.5	85.0	2030	14.6	12.2	92.3	2436	17.5	21.1	96.2	2900	20.8	35.6	100.0
MVX302	768	77.1%	1450	11.7	7.9	88.4	2030	16.3	21.6	95.7	2436	19.6	37.3	99.6	2900	23.4	62.9	103.4
MVX340	864	77.1%	1381	12.5	12.2	90.9	1934	17.5	33.4	98.2	2320	21.0	57.7	102.2	2762	25.0	97.4	105.9
MVX372	946	77.2%	1261	12.5	14.6	91.6	1765	17.5	40.1	98.9	2118	21.0	69.3	102.9	2521	25.0	116.9	106.7
MVX405	1030	77.2%	1160	12.5	17.3	92.4	1623	17.5	47.4	99.7	1948	21.0	81.8	103.7	2319	25.0	138.1	107.4
MVX450	1144	77.3%	1044	12.5	21.3	93.3	1461	17.5	58.4	100.6	1753	21.0	100.9	104.5	2087	25.0	170.3	108.3
MVX500	1270	77.3%	939	12.5	26.3	94.1	1315	17.5	72.1	101.4	1578	21.0	124.5	105.4	1878	25.0	210.1	109.2
MVX550	1398	77.4%	854	12.5	31.7	95.0	1195	17.5	87.1	102.3	1434	21.0	150.5	106.2	1708	25.0	253.9	110.0
MVX600	1524	77.5%	783	12.5	37.7	95.7	1096	17.5	103.6	103.0	1315	21.0	179.0	106.9	1565	25.0	301.9	110.7
MVX660	1676	77.6%	712	12.5	45.6	96.5	996	17.5	125.2	103.8	1195	21.0	216.3	107.7	1423	25.0	364.9	111.5
MVX725	1842	77.7%	648	12.5	55.0	97.3	907	17.5	150.8	104.6	1088	21.0	260.7	108.5	1295	25.0	439.8	112.3
MVX800	2032	77.8%	587	12.5	66.8	98.1	822	17.5	183.4	105.4	986	21.0	316.9	109.4	1174	25.0	534.7	113.2

Impeller Type : Laminar, Backward Inclined, Non Overloading, Single Width Single Inlet

Operating Conditions : Temperature 20⁰ C ; Atm. Pressure 101.325 kPa ; Inlet Air Density 1.2 kg/m³

Fan Peak Absorbed Power(kW) = Fan Absorbed Power(kW) x 1.215

Impeller Tip Speed(m/s) = 5.24 x 10⁻⁵ x Impeller Diameter(mm) x Fan Speed(rpm)



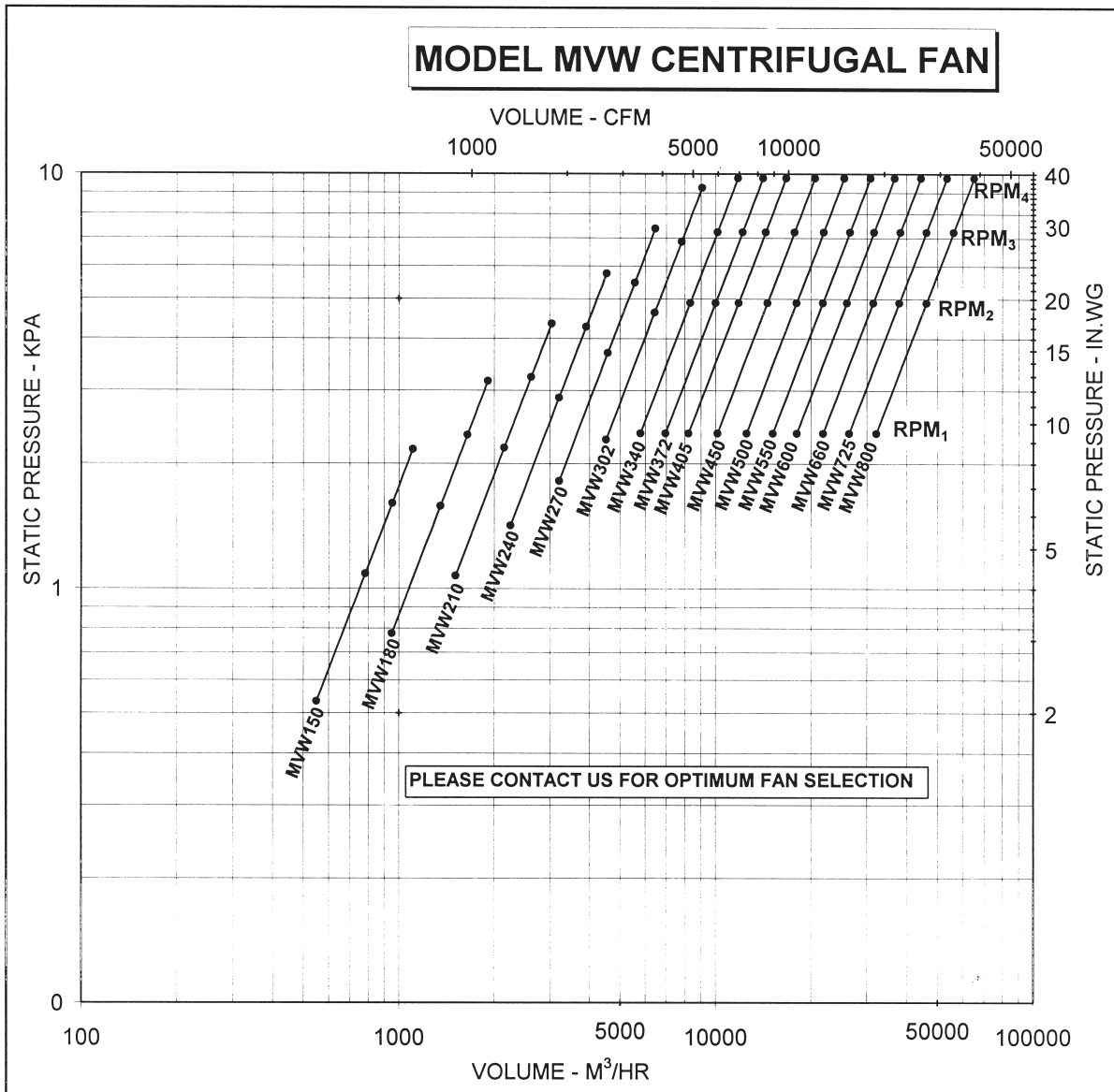
MODEL NO.	IMP. DIAM.	EFF. %	RPM = Fan Speed ; M/S = Outlet Velocity ; KW = Absorbed Power ; dBA = Inlet or Outlet Noise @ 1 m															
			RPM ₁	M/S ₁	KW ₁	dBA ₁	RPM ₂	M/S ₂	KW ₂	dBA ₂	RPM ₃	M/S ₃	KW ₃	dBA ₃	RPM ₄	M/S ₄	KW ₄	dBA ₄
MAVX210	534	78.4%	1550	7.3	1.2	76.5	2062	21.0	2.9	82.7	2449	11.6	4.9	86.4	2900	13.7	8.1	90.1
MAVX240	610	80.2%	1450	7.8	1.9	78.9	2062	11.1	5.6	86.5	2449	13.2	9.4	90.3	2900	15.7	15.6	94.0
MAVX270	686	82.0%	1450	8.8	3.5	82.3	2062	12.5	10.0	89.9	2449	14.9	16.7	93.7	2900	17.6	27.8	97.3
MAVX302	768	82.0%	1450	9.9	6.1	85.7	2062	14.1	17.6	93.3	2449	16.7	29.5	97.1	2900	19.8	49.1	100.7
MAVX340	864	82.1%	1450	11.1	11.0	89.2	2062	15.8	31.6	96.9	2449	18.8	52.9	100.6	2900	22.2	87.9	104.3
MAVX372	946	82.1%	1372	11.5	14.7	90.8	1909	16.0	39.6	98.0	2267	19.0	66.3	101.7	2685	22.5	110.0	105.4
MAVX405	1030	82.2%	1262	11.5	17.4	91.5	1756	16.0	46.7	98.7	2085	19.0	78.3	102.4	2469	22.5	130.0	106.1
MAVX450	1144	82.3%	1136	11.5	21.4	92.4	1580	16.0	57.7	99.6	1877	19.0	96.5	103.3	2222	22.5	160.3	107.0
MAVX500	1270	82.3%	1022	11.5	26.4	93.3	1422	16.0	71.1	100.4	1689	19.0	119.1	104.2	2000	22.5	197.8	107.9
MAVX550	1398	82.4%	929	11.5	31.9	94.1	1293	16.0	86.0	101.3	1535	19.0	144.0	105.0	1818	22.5	239.1	108.7
MAVX600	1524	82.5%	852	11.5	38.0	94.8	1185	16.0	102.2	102.0	1407	19.0	171.2	105.7	1667	22.5	284.2	109.4
MAVX660	1676	82.6%	774	11.5	45.9	95.6	1077	16.0	123.5	102.8	1279	19.0	206.9	106.5	1515	22.5	343.5	110.2
MAVX725	1842	82.7%	705	11.5	55.3	96.4	981	16.0	148.9	103.6	1165	19.0	249.3	107.3	1379	22.5	414.0	111.0
MAVX800	2032	82.8%	639	11.5	67.2	97.2	889	16.0	181.0	104.4	1056	19.0	303.1	108.1	1250	22.5	503.4	111.8

Impeller Type : Aerofoil Bladed, Backward Curved, Non Overloading, Single Width Single Inlet

Operating Conditions : Temperature 20⁰ C ; Atm. Pressure 101.325 kPa ; Inlet Air Density 1.2 kg/m³

Fan Peak Absorbed Power(kW) = Fan Absorbed Power(kW) x 1.1888

Impeller Tip Speed(m/s) = 5.24 x 10⁻⁵ x Impeller Diameter(mm) x Fan Speed(rpm)



MODEL NO.	IMP. DIAM.	EFF. %	RPM = Fan Speed ; M/S = Outlet Velocity ; KW = Absorbed Power ; dBA = Inlet or Outlet Noise @ 1 m															
			RPM ₁	M/S ₁	KW ₁	dBA ₁	RPM ₂	M/S ₂	KW ₂	dBA ₂	RPM ₃	M/S ₃	KW ₃	dBA ₃	RPM ₄	M/S ₄	KW ₄	dBA ₄
MVW150	380	69.4%	1440	7.8	0.1	67.7	2052	11.1	0.3	75.4	2498	13.5	0.6	79.7	2900	15.7	1.0	82.9
MVW180	458	70.9%	1440	9.3	0.3	73.2	2052	13.3	0.8	80.9	2498	16.2	1.5	85.2	2900	18.8	2.4	88.4
MVW210	534	72.5%	1440	10.9	0.6	77.7	2052	21.0	1.8	85.4	2498	18.9	3.2	89.7	2900	22.0	5.1	92.9
MVW240	610	74.2%	1440	12.5	1.2	81.5	2052	17.8	3.5	89.2	2498	21.6	6.3	93.5	2900	25.1	9.8	96.8
MVW270	686	75.8%	1440	14.0	2.1	84.9	2052	20.0	6.2	92.6	2498	24.3	11.2	96.9	2900	28.2	17.5	100.1
MVW302	768	75.9%	1440	15.7	3.8	88.3	2052	22.4	10.9	96.0	2498	27.2	19.7	100.3	2900	31.6	30.8	103.6
MVW340	864	75.9%	1304	16.0	5.0	89.8	1875	23.0	14.9	97.6	2283	28.0	26.9	101.9	2649	32.5	42.1	105.1
MVW372	946	76.0%	1191	16.0	6.0	90.5	1711	23.0	17.9	98.4	2083	28.0	32.3	102.7	2418	32.5	50.5	105.9
MVW405	1030	76.0%	1095	16.0	7.1	91.3	1574	23.0	21.2	99.1	1916	28.0	38.2	103.4	2224	32.5	59.7	106.7
MVW450	1144	76.1%	985	16.0	8.8	92.1	1417	23.0	26.1	100.0	1725	28.0	47.1	104.3	2002	32.5	73.6	107.5
MVW500	1270	76.2%	887	16.0	10.8	93.0	1275	23.0	32.2	100.9	1552	28.0	58.1	105.2	1802	32.5	90.8	108.4
MVW550	1398	76.2%	806	16.0	13.1	93.8	1159	23.0	38.9	101.7	1411	28.0	70.2	106.0	1638	32.5	109.8	109.2
MVW600	1524	76.3%	739	16.0	15.6	94.5	1062	23.0	46.3	102.4	1293	28.0	83.5	106.7	1501	32.5	130.5	109.9
MVW660	1676	76.4%	672	16.0	18.8	95.3	966	23.0	55.9	103.2	1176	28.0	100.9	107.5	1365	32.5	157.8	110.7
MVW725	1842	76.5%	612	16.0	22.7	96.1	879	23.0	67.4	104.0	1070	28.0	121.6	108.3	1242	32.5	190.1	111.5
MVW800	2032	76.6%	554	16.0	27.6	97.0	797	23.0	81.9	104.9	970	28.0	147.8	109.1	1126	32.5	231.2	112.4

Impeller Type : Laminar, Backward Inclined, Non Overloading, Single Width Single Inlet

Operating Conditions : Temperature 20⁰ C ; Atm. Pressure 101.325 kPa ; Inlet Air Density 1.2 kg/m³

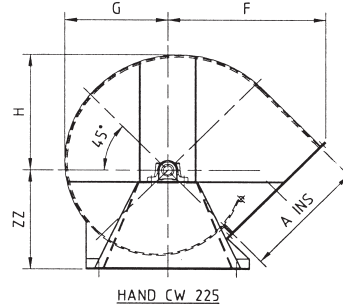
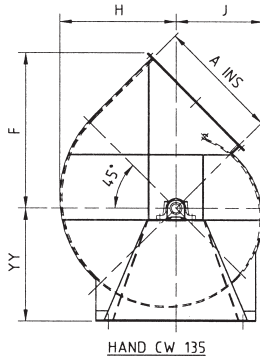
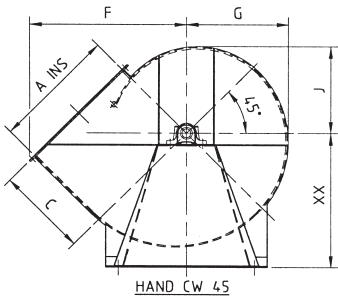
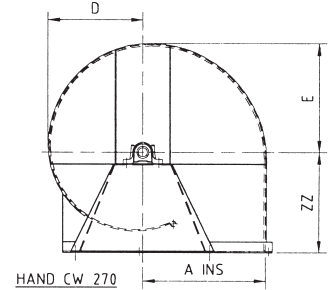
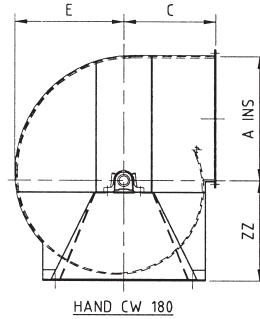
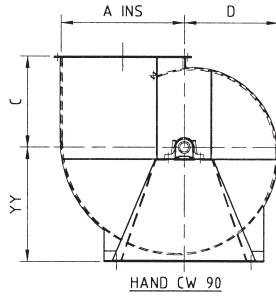
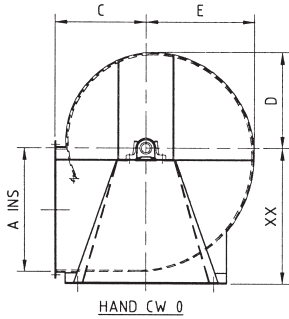
Fan Peak Absorbed Power(kW) = Fan Absorbed Power(kW) x 1.4974

Impeller Tip Speed(m/s) = 5.24 x 10⁻⁵ x Impeller Diameter(mm) x Fan Speed(rpm)

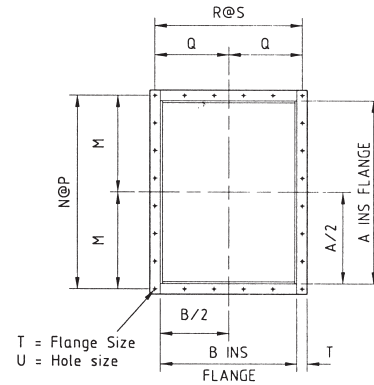
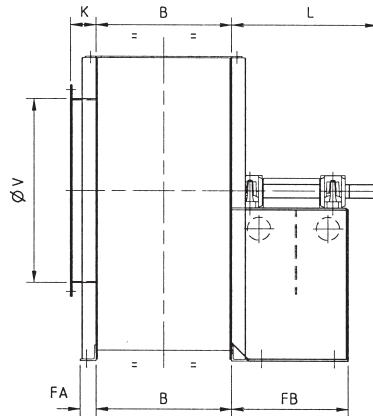
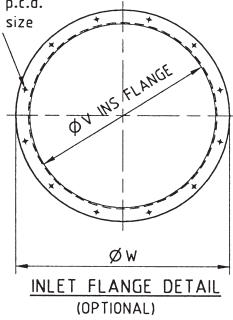
MVA MAVA FANS MVZ MAVZ FANS

ARR 1 BARE SHAFT

NOTE CLOCKWISE ROTATION SHOWN FOR ANTI CLOCKWISE ROTATION SYMMETRICALLY OPPOSITE



X = No of holes
Y = Hole p.c.d.
Z = Hole size



T = Flange Size
U = Hole size

DISCHARGE FLANGE DETAIL

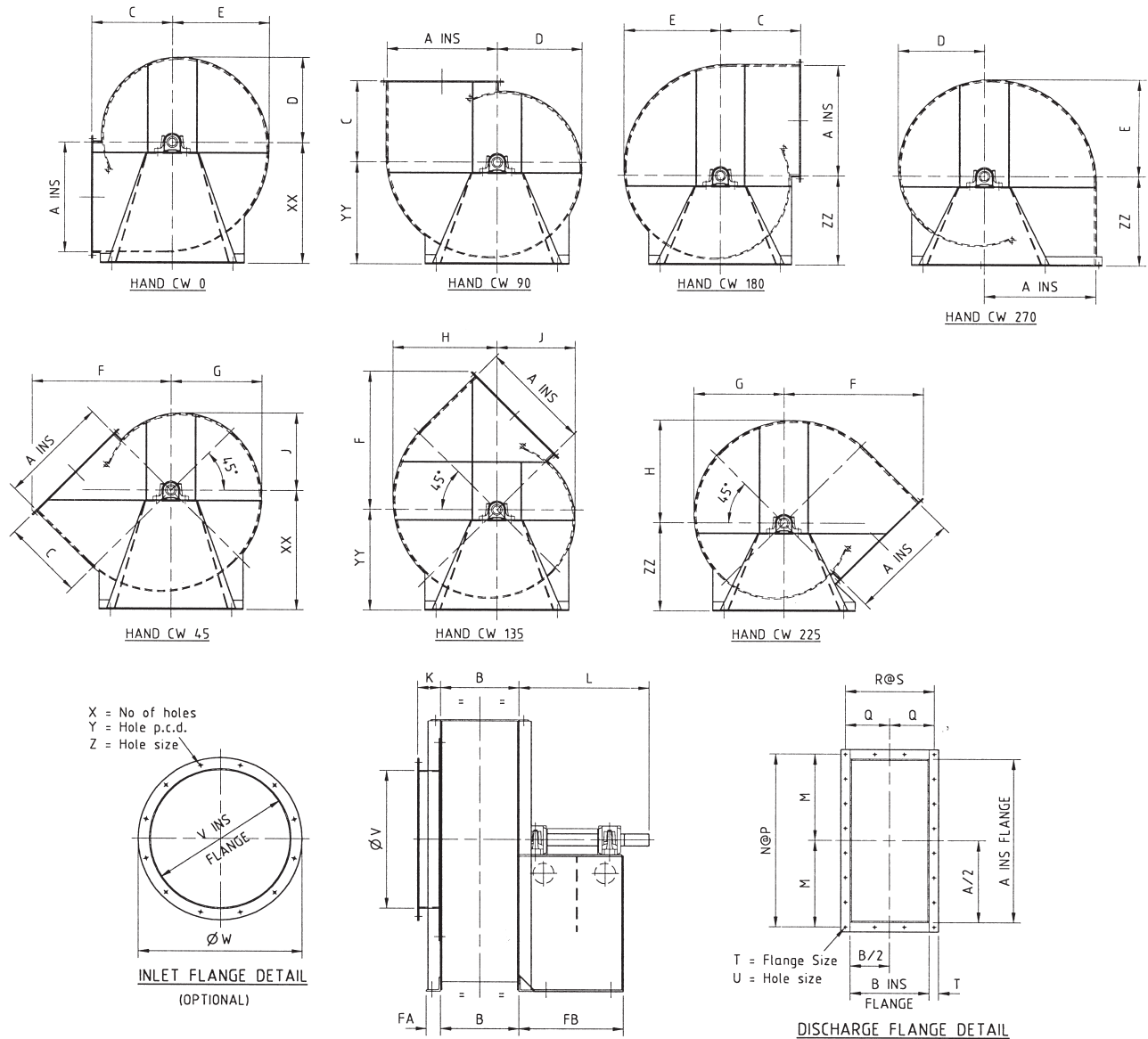
NOTE: SIZE 150 & 180 AVAILABLE MVA & MVZ FANS ONLY.
MVA IDENTICAL TO MAVA DIMENSIONS
MVZ IDENTICAL TO MAVZ DIMENSIONS
DIMENSIONS SHOULD NOT BE USED FOR CONSTRUCTIONAL PURPOSES WITHOUT OUR CERTIFICATION

SIZE	GENERAL													DISCHARGE FLANGE								INLET FL.					CENTER HT					
	A	MAVA B	MAVZ B	C	D	E	F	G	H	J	K	L	M	N	P	MAVA Q	MAVZ Q	R	MAVA S	MAVZ S	T	U	V	W	X	Y	Z	XX	YY	ZZ	FA	FB
150	410	304	254	300	312	356	530	335	385	288	4.8	330	228	4	114	177	150	3	118	100	40	11	408	488	8	456	11	480	410	370	40	280
180	490	364	306	360	376	428	630	404	460	346	78	490	268	4	134	207	177	3	138	118	40	11	490	570	8	538	11	580	480	430	50	410
210	574	426	356	420	438	500	760	470	537	400	78	500	310	5	124	236	201	4	118	100	40	12	570	650	8	618	12	650	550	490	50	430
240	656	486	406	475	500	570	835	536	620	468	78	500	350	5	140	266	226	4	133	113	40	12	650	750	12	706	13	740	620	550	50	430
270	738	546	458	535	562	640	940	610	700	525	102	650	396	6	132	300	254	4	150	127	50	13	730	830	12	786	13	840	690	610	65	540
302	826	612	512	620	640	730	1058	686	776	590	102	650	444	6	148	336	284	4	168	142	50	14	816	916	12	872	14	900	770	670	65	540
340	928	688	576	675	716	816	1186	766	876	660	102	690	492	6	164	375	315	5	150	126	50	14	918	1048	12	990	14	1010	860	760	75	560
372	1016	754	632	740	784	894	1280	836	958	718	120	730	537	6	179	405	345	5	162	138	50	14	1006	1136	16	1078	14	1120	940	830	75	600
405	1106	820	686	840	852	970	1430	914	1046	788	120	730	588	8	147	447	378	6	149	126	65	18	1092	1222	16	1162	14	1200	1020	900	75	600
450	1228	910	762	890	946	1078	1544	1012	1157	870	120	880	648	8	162	489	417	6	163	139	65	18	1214	1344	16	1286	14	1340	1140	1000	75	720
500	1364	1012	848	990	1050	1198	1720	1130	1290	970	120	980	728	8	182	552	468	6	184	156	75	18	1350	1480	24	1422	14	1500	1250	1100	75	810
550	1500	1112	932	1090	1156	1316	1896	1250	1426	1070	120	980	796	8	199	600	510	6	200	170	75	18	1486	1616	24	1558	14	1640	1380	1220	75	810
600	1638	1214	1016	1190	1260	1436	2070	1370	1560	1170	153	1120	865	10	173	652	552	8	163	138	75	18	1620	1770	24	1710	14	1760	1500	1300	75	950
660	1800	1336	1118	1310	1384	1578	2245	1480	1690	1275	153	1120	945	10	189	712	604	8	178	151	75	18	1780	1930	24	1870	18	1960	1640	1450	100	950
725	1978	1466	1228	1450	1520	1732	2460	1630	1866	1400	153	1160	1032	12	172	776	660	8	178	165	75	18	1954	2104	24	2044	18	2130	1800	1580	100	990
800	2184	1618	1356	1580	1676	1910	2720	1800	2060	1550	153	1220	1134	12	189	855	725	10	171	145	75	18	2156	2306	24	2246	18	2350	2000	1760	100	1110

MVX MAVX FANS

ARR 1

NOTE CLOCKWISE ROTATION SHOWN FOR ANTI CLOCKWISE ROTATION SYMMETRICALLY OPPOSITE



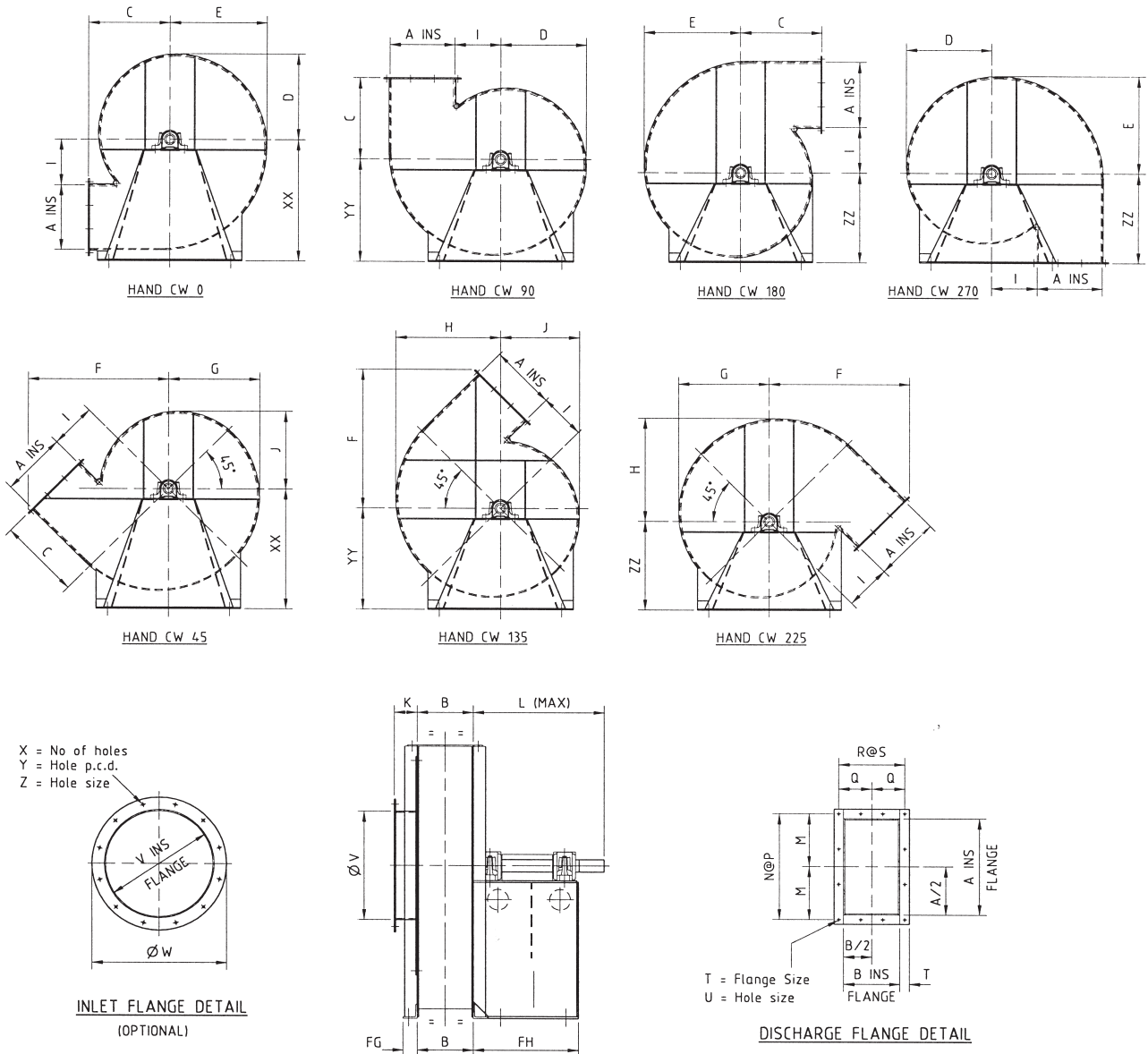
NOTE: SIZE 150 & 180 AVAILABLE MVX FANS ONLY.

DIMENSIONS SHOULD NOT BE USED FOR CONSTRUCTIONAL PURPOSES WITHOUT OUR CERTIFICATION

SIZE	GENERAL											DISCHARGE FLANGE								INLET FL.					CENTER HT				
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	XX	YY	ZZ	FA	FB
150	380	174	265	268	318	486	294	350	250	48	330	216	3	144	110	2	110	40	11	302	382	8	350	11	450	370	330	40	280
180	458	208	320	322	380	578	352	420	300	75	490	252	3	168	128	2	128	40	11	362	442	8	410	11	550	430	370	50	410
210	534	242	370	376	446	670	412	490	350	75	490	290	4	145	144	3	96	40	12	422	502	8	470	12	630	500	430	50	410
240	610	280	425	430	508	770	472	562	404	75	500	335	5	134	168	3	112	50	12	482	582	12	540	12	720	560	480	50	420
270	686	312	500	484	572	874	528	630	452	75	650	370	5	148	183	3	122	50	13	560	640	12	596	13	800	630	540	65	540
302	768	350	540	540	640	960	594	708	598	75	650	408	6	136	204	3	136	50	14	604	704	12	660	13	870	700	600	65	540
340	864	392	600	608	720	1070	670	800	572	100	690	462	6	154	225	3	150	50	14	678	778	12	734	13	960	780	670	75	560
372	946	430	660	666	788	1170	734	874	626	100	690	501	6	167	244	4	122	50	14	742	842	12	800	14	1050	850	710	75	560
405	1030	468	720	724	858	1284	776	950	682	100	730	552	8	138	274	4	137	65	18	806	936	12	878	18	1150	920	770	75	600
450	1144	520	800	804	954	1420	882	1054	756	120	850	608	8	152	296	4	148	65	18	900	1030	16	970	18	1260	1020	850	75	690
500	1270	576	890	894	1058	1580	980	1170	838	120	880	680	8	170	332	4	166	75	18	998	1128	16	1070	18	1400	1120	950	75	720
550	1398	634	970	984	1164	1730	1080	1288	922	120	980	745	10	149	362	4	181	75	18	1098	1228	16	1170	18	1530	1220	1040	75	810
600	1524	690	1060	1072	1270	1880	1178	1406	1006	120	980	805	10	161	390	5	156	75	18	1196	1326	16	1268	18	1660	1330	1120	75	810
660	1676	762	1170	1180	1400	2066	1296	1546	1106	120	1060	885	10	177	425	5	170	75	18	1314	1444	24	1386	18	1810	1450	1230	100	890
725	1842	836	1280	1296	1536	2260	1422	1700	1216	120	1120	966	12	161	465	6	155	75	18	1442	1572	24	1514	18	1980	1600	1350	100	950
800	2032	922	1420	1430	1694	2496	1570	1875	1342	120	1160	1062	12	177	507	6	169	75	18	1590	1740	24	1680	18	2180	1760	1480	100	990

MVW FANS
ARR 1 BARE SHAFT

NOTE CLOCKWISE ROTATION SHOWN
FOR ANTI CLOCKWISE ROTATION
SYMMETRICALLY OPPOSITE



DIMENSIONS SHOULD NOT BE USED FOR CONSTRUCTIONAL PURPOSES WITHOUT OUR CERTIFICATION

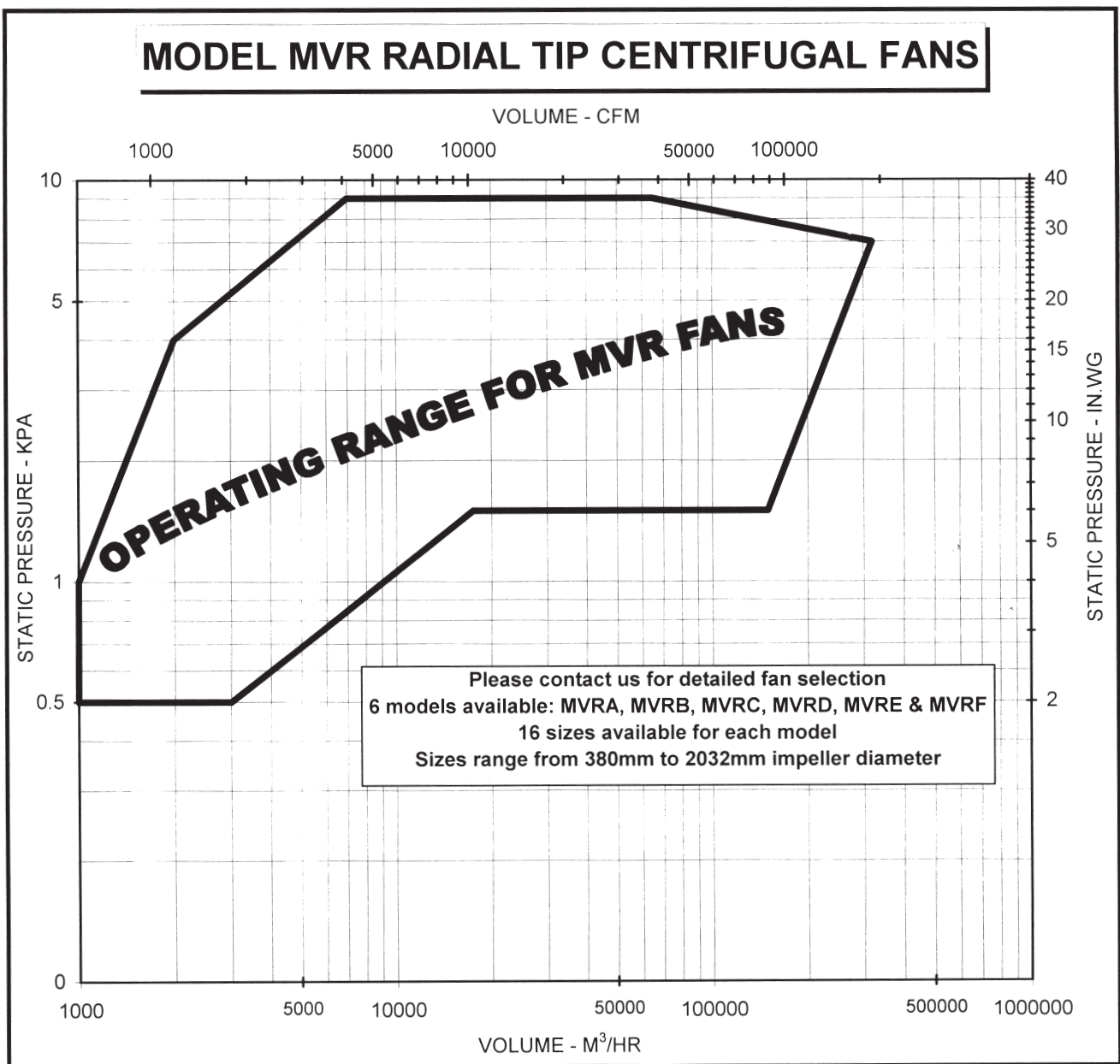
SIZE	GENERAL										DISCHARGE FLANGE										INLET FL.					CENTER HT				
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	XX	YY	ZZ	FA	FB
150	178	110	270	266	296	452	282	312	14.8	254	4.8	330	113	2	113	79	2	79	40	11	220	300	8	268	11	4.20	340	310	4.0	280
180	214	132	325	320	356	542	338	374	17.8	304	7.5	330	131	2	131	90	2	90	40	11	258	338	8	306	11	4.80	400	360	4.0	280
210	250	154	380	374	416	620	398	436	20.8	354	7.5	330	150	3	100	101	2	101	40	12	306	386	8	354	12	5.30	460	420	4.0	280
240	286	176	440	426	474	715	450	500	23.6	406	7.5	330	168	3	112	112	2	112	40	12	346	426	8	394	12	6.00	520	470	4.0	280
270	322	198	490	480	534	798	514	568	26.6	462	7.5	500	189	3	126	129	2	129	50	12	390	490	8	450	12	6.70	580	520	5.0	400
302	360	222	550	538	598	890	562	622	29.8	506	7.5	500	210	3	140	140	2	140	50	14	436	536	8	492	13	7.50	640	580	5.0	400
340	404	250	620	604	674	1000	638	708	33.6	576	8.5	650	231	3	154	156	3	104	50	14	490	590	8	550	13	8.40	720	650	6.5	540
372	442	274	680	660	736	1090	700	774	36.8	630	10.0	650	249	3	166	165	3	110	50	14	536	636	12	596	14	9.00	780	700	6.5	540
405	480	298	740	722	800	1190	760	840	40.0	682	10.0	690	268	4	134	177	3	118	50	14	582	682	12	642	14	9.70	850	770	7.5	560
450	534	330	820	800	890	1330	844	934	44.4	760	10.0	690	302	4	151	201	3	134	65	18	646	746	12	706	14	10.90	940	850	7.5	560
500	594	368	900	888	988	1470	940	1040	49.4	845	10.0	730	332	4	166	219	3	146	65	18	722	822	12	782	14	12.00	1040	940	7.5	600
550	654	404	1000	978	1088	1610	1034	1145	54.4	930	10.0	880	365	5	146	237	3	158	65	18	790	920	12	860	14	12.60	1140	1030	7.5	720
600	714	440	1090	1066	1186	1750	1130	1250	59.2	1015	10.0	980	400	5	160	266	4	133	75	18	864	994	16	936	18	14.30	1240	1120	7.5	810
660	784	486	1190	1172	1304	1920	1240	1370	65.2	1116	12.0	1060	438	6	146	288	4	144	75	18	950	1080	16	1020	18	15.80	1360	1230	7.5	890
725	860	534	1320	1288	1432	2104	1360	1505	71.6	1225	12.0	1120	474	6	158	312	4	156	75	18	1042	1172	16	1112	18	17.20	1500	1340	10.0	950
800	950	588	1450	1420	1580	2312	1502	1662	79.0	1352	12.0	1160	519	6	173	340	4	170	75	18	1148	1278	16	1220	18	18.60	1650	1480	10.0	990

MVR Series Radial Tip Centrifugal Fans

The MVR range of radial tip centrifugal fans are similar in construction to the laminar bladed centrifugal fans. However the impeller blades are curved at the leading edge while the blade tips are radial to provide a self-cleaning action.

Radial tip centrifugal fans are used mainly in large sizes (above 750 mm wheel diameter) for light to moderate loading of dust, dirt, powder, flakes, process exhausts and industrial applications involving hot gases. The radial tip is an important feature in the presence of dust, fly ash etc. Material buildup on the blade, which causes unbalance and vibration is avoided. Wear plates for abrasive particles can be supplied.

MVR fans do not have the non-overloading characteristics and have a steadily rising power curve.



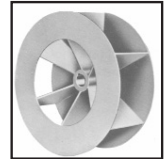
M Series Dust Fans

Rugged construction provides long trouble free performance under arduous conditions. The impellers have radial blades which are easy to clean and prevent material build-up or deposit. Its rigid construction from heavy steel plate will ensure many years of trouble free service.

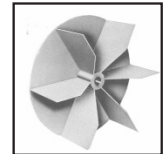
Radial bladed fans produce a power curve which is almost a straight line rising from a minimum at zero flow to a maximum at maximum flow. These fans normally do not surge or pulsate at low volumes. At high speeds they tend to be noisy.

Types Of Impellers And Applications:

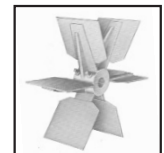
Type M Impeller - the radial blades are welded to the backplate and front shroud. This impeller is suitable for air containing granular material, sawdust, grain, particle laden industrial process air or gases.



Type L Impeller - the radial blades are welded to the backplate with an open front. This impeller is designed for handling long stringy material, fibrous material such as textile scrap, wool, wood shavings and paper trim segments. It is not suitable for continuous paper trim handling.



Type O Impeller (paddle) - the radial blades are welded to a heavy duty steel hub. This impeller is designed for heavy or abrasive dust, conveying of air or gases containing sticky material that would have a tendency to build up on other types of impellers. The paddle design facilitates coating or attaching replaceable bolt-on wear plates.



Chopper Impeller - the radial blades are welded to a conical backplate with an open front. This impeller has polished surfaces and is designed for handling continuous paper trim. The blades of the impeller have sharp and hardened cutting edges, which can be supplied as a bolt-on option.

Construction

Casing - heavy welded construction from plate steel. Side plates stiffened to prevent drumming. Scroll designed to optimise fan pressure developed by impeller.

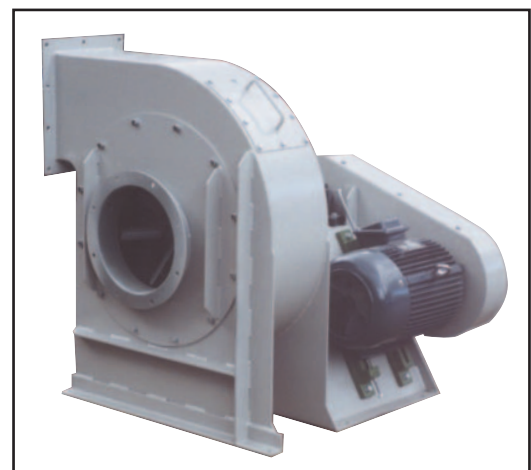
Pedestal - top & sides fabricated from heavy mild steel plate.

Optional Extras

Anti-vibration mounts, matching flanges, split housing, corrosive resistant coatings, stainless steel housing & impeller, anti-sparking construction, high temperature construction.



Arr. 1 Belt Driven



Chopper Fan with Cutting Edges on Impeller, Arr. 9

M SERIES DUST FANS - RADIAL BLADED

MODEL		Impeller Diameter : 398 mm Inlet Diam.(O.D.) = 236 mm Inlet Area(Inside) = 0.041 m ²																			
M09		Outlet(Outside) = 228 mm x 190 mm Outlet Area(Inside) = 0.041 m ² Tip Speed (m/s) = 0.0208 X RPM																			
M ³ /HR		1839		2207		2575		2943		3311		3679		4047		4415		4782		5150	
O.V. M/S		12.5		15.0		17.5		20.0		22.5		25.0		27.5		30.0		32.5		35.0	
CFM		1083		1299		1516		1732		1949		2165		2382		2598		2815		3031	
O.V. FT/MIN		2461		2953		3445		3937		4429		4921		5413		5906		6398		6890	
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW
1	4	1834	0.8	1909	1.0	1998	1.3	2091	1.5	2196	1.9	2301	2.3	2419	2.8	2539	3.4	2661	4.0	2791	4.8
1.5	6	2164	1.2	2237	1.5	2316	1.7	2394	2.1	2485	2.5	2580	2.9	2681	3.5	2791	4.1	2911	4.8	3026	5.6
2	8			2514	1.9	2588	2.3	2666	2.6	2747	3.1	2830	3.5	2918	4.1	3026	4.8	3129	5.5		
2.5	10			2766	2.4	2832	2.8	2901	3.2	2984	3.7	3062	4.3	3151	4.9						
3	12					3058	3.3	3126	3.8	3200	4.3										
3.5	14																				
4	16																				
4.5	18																				
5	20																				
5.5	22																				

MODEL		Impeller Diameter : 486 mm Inlet Diam.(O.D.) = 286 mm Inlet Area(Inside) = 0.061 m ²																			
M11		Outlet(Outside) = 280 mm x 230 mm Outlet Area(Inside) = 0.061 m ² Tip Speed (m/s) = 0.0255 X RPM																			
M ³ /HR		2759		3311		3863		4415		4966		5518		6070		6622		7174		7726	
O.V. M/S		12.5		15.0		17.5		20.0		22.5		25.0		27.5		30.0		32.5		35.0	
CFM		1624		1949		2274		2598		2923		3248		3573		3898		4222		4547	
O.V. FT/MIN		2461		2953		3445		3937		4429		4921		5413		5906		6398		6890	
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW
1	4	1498	1.2	1560	1.5	1632	1.9	1708	2.3	1794	2.9	1880	3.5	1976	4.2	2074	5.1	2174	6.0	2280	7.2
1.5	6	1768	1.8	1828	2.2	1892	2.6	1956	3.1	2030	3.7	2108	4.4	2190	5.2	2280	6.1	2378	7.2	2472	8.4
2	8			2054	2.9	2114	3.4	2178	3.9	2244	4.6	2312	5.3	2384	6.2	2472	7.2	2556	8.3	2646	9.6
2.5	10			2260	3.6	2314	4.2	2370	4.8	2438	5.6	2502	6.4	2574	7.3	2646	8.4	2724	9.5	2816	10.9
3	12					2498	5.0	2554	5.7	2614	6.5	2680	7.4	2748	8.5	2816	9.5	2890	10.8	2972	12.3
3.5	14					2668	5.9	2722	6.7	2780	7.5	2842	8.5	2906	9.6	2978	10.8	3050	12.1		
4	16							2878	7.6	2928	8.5	2992	9.6	3062	10.8						
4.5	18							3028	8.6	3082	9.5										
5	20																				
5.5	22																				

MODEL		Impeller Diameter : 574 mm Inlet Diam.(O.D.) = 336 mm Inlet Area(Inside) = 0.085 m ²																			
M13		Outlet(Outside) = 330 mm x 266 mm Outlet Area(Inside) = 0.086 m ² Tip Speed (m/s) = 0.0301 X RPM																			
M ³ /HR		3888		4665		5443		6221		6998		7776		8553		9331		10108		10886	
O.V. M/S		12.5		15.0		17.5		20.0		22.5		25.0		27.5		30.0		32.5		35.0	
CFM		2288		2746		3204		3661		4119		4577		5034		5492		5950		6407	
O.V. FT/MIN		2461		2953		3445		3937		4429		4921		5413		5906		6398		6890	
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW
1	4	1266	1.7	1319	2.2	1374	2.6	1445	3.3	1517	4.1	1596	5.0	1681	6.1	1762	7.2	1852	8.6	1940	10.1
1.5	6	1493	2.5	1543	3.0	1591	3.7	1651	4.4	1716	5.3	1787	6.3	1857	7.4	1938	8.8	2021	10.2	2099	11.9
2	8			1739	4.0	1787	4.7	1834	5.6	1891	6.5	1954	7.7	2023	8.9	2097	10.4	2171	11.9	2242	13.7
2.5	10			1912	5.0	1956	5.9	2000	6.8	2055	8.0	2108	9.0	2173	10.4	2240	12.0	2309	13.7	2386	15.6
3	12					2113	7.0	2159	8.0	2205	9.2	2256	10.4	2314	11.9	2379	13.6	2448	15.5	2517	17.6
3.5	14					2256	8.2	2302	9.4	2344	10.5	2397	12.1	2450	13.7	2510	15.3	2577	17.4	2640	19.4
4	16							2434	10.7	2480	11.9	2526	13.5	2577	15.2	2628	16.9	2693	19.0	2757	21.4
4.5	18							2563	12.2	2607	13.5	2651	15.1	2700	16.8	2748	18.8	2806	20.8	2868	23.1
5	20									2725	15.0	2769	16.5	2813	18.4	2866	20.6	2914	22.7	2977	25.2
5.5	22									2841	16.6	2884	18.2	2926	20.1	2977	22.2	3030	24.8	3081	27.3

MODEL		Impeller Diameter : 664 mm Inlet Diam.(O.D.) = 388 mm Inlet Area(Inside) = 0.114 m ²																			
M15		Outlet(Outside) = 382 mm x 308 mm Outlet Area(Inside) = 0.115 m ² Tip Speed (m/s) = 0.0348 X RPM																			
M ³ /HR		5184		6221		7257		8294		9331		10368		11404		12441		13478		14515	
O.V. M/S		12.5		15.0		17.5		20.0		22.5		25.0		27.5		30.0		32.5		35.0	
CFM		3051		3661		4272		4882		5492		6102		6712		7323		7933		8543	
O.V. FT/MIN		2461		2953		3445		3937		4429		4921		5413		5906		6398		6890	
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW
1	4	1096	2.2	1142	2.9	1190	3.5	1251	4.4	1314	5.4	1382	6.6	1456	8.1	1526	9.6	1604	11.5	1680	13.5
1.5	6	1293	3.3	1336	4.0	1378	4.9	1430	5.8	1486	7.0	1548	8.4	1608	9.9	1678	11.7	1750	13.6	1818	15.8
2	8			1506	5.3	1548	6.3	1588	7.4	1638	8.7	1692	10.2	1752	11.9	1816	13.9	1880	15.8	1942	18.2
2.5	10			1656	6.7	1694	7.8	1732	9.0	1780	10.6	1826	12.0	1882	13.9	1940	16.0	2000	18.2	2066	20.8
3	12					1830	9.3	1870	10.6	1910	12.3	1954	13.9	2004	15.9	2060	18.1	2120	20.6	2180	23.4
3.5	14					1954	10.9	1994	12.5	2030	14.0	2076	16.1	2122	18.2	2174	20.4	2232	23.2	2286	25.9
4	16							2108	14.2	2148	15.9	2188	18.0	2232	20.2	2276	22.5	2332	25.3	2388	28.5
4.5	18							2220	16.2	2258	18.0	2296	20.1	2338	22.4	2380	25.0	2430	27.7	2484	30.8
5	20									2360	20.0	2398	22.0	2436	24.5	2482	27.4	2524	30.2	2578	33.6
5.5	22									2460	22.1	2498	24.2	2534	26.8	2578	29.6	2624	33.0	2668	36.4

M SERIES DUST FANS - RADIAL BLADED

MODEL		Impeller Diameter : 752 mm Inlet Diam.(O.D.) = 438 mm Inlet Area(Inside) = 0.147 m ²																			
M17		Outlet(Outside) = 432 mm x 350 mm										Outlet Area(Inside) = 0.148 m ² Tip Speed (m/s) = 0.0394 X RPM									
M ³ /HR	6647	7976		9306		10635		11965		13294		14623		15953		17282		18612			
O.V. M/S	12.5	15.0		17.5		20.0		22.5		25.0		27.5		30.0		32.5		35.0			
CFM	3912	4695		5477		6260		7042		7825		8607		9390		10172		10954			
O.V. FT/MIN	2461	2953		3445		3937		4429		4921		5413		5906		6398		6890			
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW		
1	4	959	3.1	1005	3.9	1056	4.8	1112	6.0	1172	7.5	1236	9.2	1302	11.0	1369	13.3	1441	15.9		
1.5	6	1132	4.4	1167	5.5	1212	6.6	1261	8.0	1316	9.6	1371	11.5	1431	13.7	1494	16.1	1564	18.9		
2	8			1314	7.1	1351	8.5	1396	10.1	1446	11.9	1497	13.9	1551	16.3	1610	18.9	1672	21.8		
2.5	10			1448	8.9	1479	10.4	1519	12.2	1563	14.2	1611	16.4	1663	19.0	1719	21.9	1776	25.1		
3	12					1600	12.5	1632	14.3	1673	16.5	1718	19.0	1768	21.8	1819	24.7	1876	28.1		
3.5	14					1712	14.5	1742	16.6	1780	19.0	1820	21.6	1866	24.7	1913	27.6	1972	31.5		
4	16							1844	18.7	1875	21.4	1916	24.3	1959	27.5	2007	30.9	2055	34.7		
4.5	18							1940	21.1	1971	23.9	2005	27.1	2046	30.3	2092	34.0	2141	38.2		
5	20									2061	26.4	2096	29.8	2133	33.3	2177	37.1	2223	41.3		
5.5	22									2150	29.0	2180	32.5	2217	36.3	2257	40.3	2302	44.7		

MODEL		Impeller Diameter : 838 mm Inlet Diam.(O.D.) = 490 mm Inlet Area(Inside) = 0.183 m ²																			
M19		Outlet(Outside) = 482 mm x 390 mm										Outlet Area(Inside) = 0.183 m ² Tip Speed (m/s) = 0.0439 X RPM									
M ³ /HR	8236	9883		11530		13177		14824		16471		18118		19765		21413		23060			
O.V. M/S	12.5	15.0		17.5		20.0		22.5		25.0		27.5		30.0		32.5		35.0			
CFM	4847	5817		6786		7756		8725		9695		10664		11634		12603		13572			
O.V. FT/MIN	2461	2953		3445		3937		4429		4921		5413		5906		6398		6890			
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW		
1	4	861	3.8	902	4.8	948	6.0	998	7.5	1052	9.3	1110	11.4	1169	13.7	1229	16.5	1294	19.7		
1.5	6	1016	5.5	1048	6.8	1088	8.2	1132	9.9	1181	11.9	1231	14.3	1285	17.0	1341	20.0	1404	23.5		
2	8			1180	8.8	1213	10.6	1253	12.5	1298	14.8	1344	17.2	1392	20.2	1445	23.5	1501	27.1		
2.5	10			1300	11.0	1328	12.9	1364	15.2	1403	17.6	1446	20.3	1493	23.6	1543	27.2	1594	31.1		
3	12					1436	15.5	1465	17.8	1502	20.5	1542	23.6	1587	27.0	1633	30.7	1684	34.9		
3.5	14					1537	18.0	1564	20.6	1598	23.6	1634	26.8	1675	30.6	1717	34.2	1770	39.1		
4	16							1655	23.2	1683	26.6	1720	30.2	1759	34.1	1802	38.4	1845	43.0		
4.5	18							1742	26.2	1769	29.7	1800	33.6	1837	37.6	1878	42.2	1922	47.4		
5	20									1850	32.8	1882	37.0	1915	41.3	1954	46.0	1996	51.2		
5.5	22									1930	36.0	1957	40.3	1990	45.0	2026	50.0	2067	55.5		

MODEL		Impeller Diameter : 928 mm Inlet Diam.(O.D.) = 540 mm Inlet Area(Inside) = 0.223 m ²																			
M21		Outlet(Outside) = 534 mm x 432 mm										Outlet Area(Inside) = 0.224 m ² Tip Speed (m/s) = 0.0486 X RPM									
M ³ /HR	10075	12090		14105		16120		18135		20150		22165		24180		26195		28210			
O.V. M/S	12.5	15.0		17.5		20.0		22.5		25.0		27.5		30.0		32.5		35.0			
CFM	5930	7116		8302		9488		10674		11860		13046		14232		15418		16604			
O.V. FT/MIN	2461	2953		3445		3937		4429		4921		5413		5906		6398		6890			
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW		
1	4	773	4.4	810	5.6	848	7.0	889	8.6	933	10.6	979	12.9	1026	15.6	1076	18.5	1129	22.1		
1.5	6	910	6.3	942	7.9	979	9.7	1018	11.6	1056	13.7	1097	16.4	1141	19.4	1185	22.8	1233	26.6		
2	8			1058	10.2	1092	12.4	1127	14.7	1166	17.3	1203	19.9	1243	23.2	1284	26.8	1328	30.9		
2.5	10			1164	12.3	1192	14.9	1224	17.7	1261	20.7	1300	23.9	1339	27.3	1377	31.2	1420	35.5		
3	12					1288	17.5	1317	20.7	1351	24.3	1388	28.0	1427	31.6	1466	35.7	1504	40.2		
3.5	14					1374	20.1	1400	23.6	1434	27.6	1471	31.7	1506	36.0	1545	40.5	1584	45.2		
4	16							1483	26.6	1511	30.9	1547	35.6	1582	40.2	1619	45.0	1660	50.5		
4.5	18							1559	29.6	1586	33.9	1619	39.2	1654	44.4	1690	49.8	1728	55.4		
5	20									1660	37.4	1690	43.0	1723	48.5	1760	54.5	1795	60.4		
5.5	22									1728	40.7	1757	46.5	1790	52.9	1824	59.2	1859	65.4		

MODEL		Impeller Diameter : 1016 mm Inlet Diam.(O.D.) = 590 mm Inlet Area(Inside) = 0.268 m ²																			
M23		Outlet(Outside) = 584 mm x 474 mm										Outlet Area(Inside) = 0.269 m ² Tip Speed (m/s) = 0.0532 X RPM									
M ³ /HR	12123	14548		16973		19398		21822		24247		26672		29096		31521		33946			
O.V. M/S	12.5	15.0		17.5		20.0		22.5		25.0		27.5		30.0		32.5		35.0			
CFM	7136	8563		9990		11417		12844		14271		15698		17126		18553		19980			
O.V. FT/MIN	2461	2953		3445		3937		4429		4921		5413		5906		6398		6890			
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW		
1	4	705	5.3	739	6.8	774	8.4	811	10.3	851	12.8	893	15.5	937	18.7	982	22.3	1030	26.6		
1.5	6	830	7.5	859	9.5	893	11.6	929	14.0	964	16.5	1001	19.7	1041	23.4	1082	27.3	1125	31.9		
2	8			966	12.2	996	14.9	1028	17.7	1064	20.8	1098	23.9	1135	27.8	1172	32.2	1212	37.1		
2.5	10			1062	14.8	1088	17.9	1117	21.2	1151	24.9	1186	28.7	1222	32.7	1257	37.5	1296	42.6		
3	12					1175	21.0	1202	24.9	1233	29.1	1267	33.6	1302	38.0	1337	42.9	1373	48.3		
3.5	14					1254	24.2	1278	28.3	1308	33.2	1342	38.1	1374	43.2	1410	48.6	1445	54.2		
4	16							1353	31.9	1379	37.1	1411	42.7	1444	48.3	1477	54.1	1514	60.6		
4.5	18							1423	35.5	1447	40.7	1477	47.1	1510	53.3	1542	59.8	1577	66.6		
5	20									1514	44.9	1542	51.7	1572	58.3	1606	65.4	1638	72.6		
5.5	22									1577	48.8	1603	55.8	1634	63.5	1664	71.0	1696	78.6		

M SERIES DUST FANS - RADIAL BLADED

MODEL		Impeller Diameter : 1146 mm Inlet Diam.(O.D.) = 666 mm Inlet Area(Inside) = 0.343 m ²																			
M26		Outlet(Outside) = 660 mm x 530 mm Outlet Area(Inside) = 0.343 m ² Tip Speed (m/s) = 0.0601 X RPM																			
M ³ /HR	15426	18511	21596	24682	27767	30852	33937	37023	40108	43193											
O.VEL. M/S	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0											
CFM	9079	10895	12711	14527	16343	18159	19975	21791	23607	25423											
O.V. FT/MIN	2461	2953	3445	3937	4429	4921	5413	5906	6398	6890											
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW
1	4	625	6.8	655	8.6	686	10.7	719	13.2	755	16.3	792	19.8	830	23.8	870	28.4	913	33.8	959	39.7
1.5	6	736	9.6	762	12.0	792	14.8	823	17.8	855	21.0	887	25.0	923	29.7	959	34.8	997	40.6	1037	47.2
2	8			856	15.5	883	18.9	912	22.5	943	26.4	973	30.5	1006	35.4	1039	41.0	1074	47.3	1114	54.8
2.5	10			942	18.9	964	22.8	990	27.0	1020	31.6	1051	36.5	1083	41.7	1114	47.7	1148	54.2	1183	61.9
3	12					1041	26.7	1066	31.7	1093	37.1	1123	42.7	1154	48.3	1185	54.6	1217	61.4	1250	69.4
3.5	14					1111	30.8	1133	36.1	1160	42.2	1190	48.4	1218	55.0	1250	61.9	1281	69.0	1312	77.3
4	16							1200	40.6	1223	47.2	1251	54.3	1280	61.4	1310	68.8	1342	77.1	1372	85.5
4.5	18							1261	45.2	1283	51.8	1310	59.9	1338	67.8	1367	76.1	1398	84.7	1428	93.4
5	20									1342	57.1	1367	65.7	1394	74.2	1424	83.2	1452	92.4	1484	102.2
5.5	22									1398	62.2	1421	71.0	1448	80.8	1475	90.4	1504	100.0	1534	110.6

MODEL		Impeller Diameter : 1282 mm Inlet Diam.(O.D.) = 744 mm Inlet Area(Inside) = 0.426 m ²																			
M29		Outlet(Outside) = 738 mm x 590 mm Outlet Area(Inside) = 0.429 m ² Tip Speed (m/s) = 0.0672 X RPM																			
M ³ /HR	19314	23177	27039	30902	34765	38628	42491	46353	50216	54079											
O.VEL. M/S	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0											
CFM	11368	13641	15915	18188	20462	22736	25009	27283	29556	31830											
O.V. FT/MIN	2461	2953	3445	3937	4429	4921	5413	5906	6398	6890											
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW
1	4	558	8.5	585	10.8	613	13.4	642	16.5	674	20.4	707	24.7	742	29.8	778	35.5	816	42.3	857	49.7
1.5	6	658	12.0	681	15.1	707	18.5	736	22.3	764	26.3	793	31.3	825	37.2	857	43.6	891	50.9	927	59.1
2	8			765	19.4	789	23.7	815	28.2	843	33.1	869	38.2	899	44.4	928	51.4	960	59.2	996	68.7
2.5	10			841	23.6	862	28.6	885	33.8	911	39.6	939	45.7	968	52.2	996	59.7	1026	67.9	1057	77.5
3	12					931	33.5	952	39.7	976	46.5	1003	53.5	1031	60.5	1059	68.4	1087	76.9	1117	87.0
3.5	14					993	38.5	1012	45.2	1036	52.9	1063	60.7	1089	68.9	1117	77.5	1145	86.5	1173	96.8
4	16							1072	50.9	1092	59.1	1118	68.1	1143	76.9	1170	86.2	1200	96.6	1226	107.1
4.5	18							1127	56.6	1146	64.9	1170	75.1	1196	84.9	1221	95.3	1249	106.1	1276	116.9
5	20									1200	71.6	1221	82.3	1245	92.9	1272	104.2	1298	115.7	1326	128.0
5.5	22									1249	77.8	1270	88.9	1294	101.2	1318	113.2	1344	125.2	1370	138.5

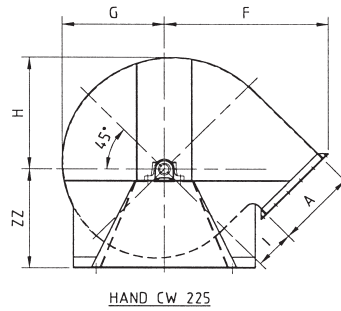
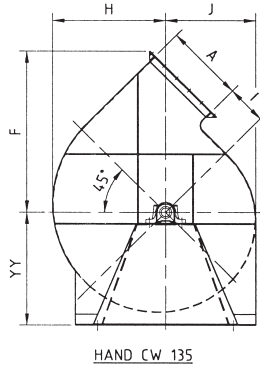
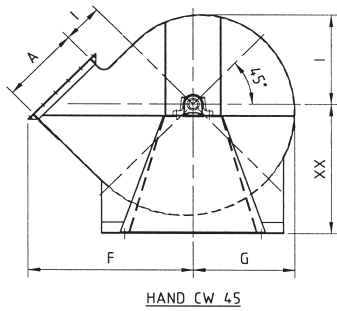
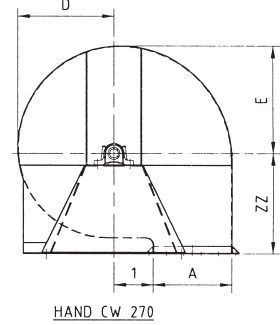
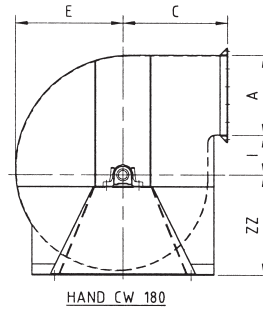
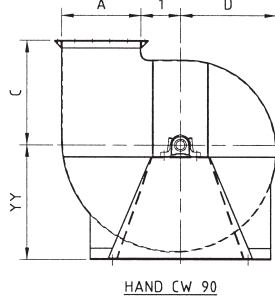
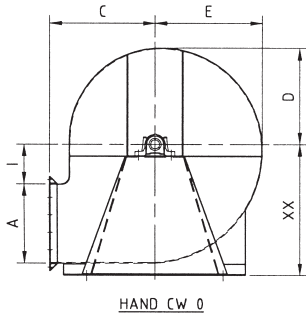
MODEL		Impeller Diameter : 1460 mm Inlet Diam.(O.D.) = 848 mm Inlet Area(Inside) = 0.552 m ²																			
M33		Outlet(Outside) = 838 mm x 674 mm Outlet Area(Inside) = 0.556 m ² Tip Speed (m/s) = 0.0765 X RPM																			
M ³ /HR	25041	30049	35058	40066	45074	50082	55091	60099	65107	70115											
O.VEL. M/S	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0											
CFM	14739	17687	20634	23582	26530	29478	32425	35373	38321	41269											
O.V. FT/MIN	2461	2953	3445	3937	4429	4921	5413	5906	6398	6890											
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW
1	4	490	11.0	514	14.0	539	17.3	564	21.4	592	26.4	621	32.1	652	38.6	683	46.0	717	54.9	752	64.5
1.5	6	578	15.6	598	19.5	621	24.0	646	28.9	671	34.1	696	40.6	724	48.3	752	56.5	783	66.0	814	76.6
2	8			672	25.2	693	30.7	715	36.5	740	42.9	764	49.5	789	57.5	815	66.6	843	76.7	874	89.0
2.5	10			739	30.6	757	37.0	777	43.9	800	51.4	825	59.3	850	67.7	874	77.4	901	88.1	928	100.5
3	12					817	43.4	836	51.5	858	60.2	881	69.4	906	78.4	930	88.7	955	99.7	981	112.7
3.5	14					872	49.9	889	58.6	910	68.5	934	78.7	956	89.4	981	100.5	1005	112.1	1030	125.5
4	16							942	66.0	959	76.6	982	88.2	1004	99.7	1028	111.7	1054	125.3	1077	138.8
4.5	18							990	73.4	1006	84.2	1028	97.3	1050	110.1	1073	123.5	1097	137.5	1121	151.6
5	20									1054	92.8	1073	106.7	1094	120.5	1117	135.1	1140	150.0	1164	165.9
5.5	22									1097	100.9	1115	115.3	1136	131.2	1158	146.8	1180	162.4	1204	179.5

MODEL		Impeller Diameter : 1636 mm Inlet Diam.(O.D.) = 950 mm Inlet Area(Inside) = 0.694 m ²																			
M37		Outlet(Outside) = 940 mm x 752 mm Outlet Area(Inside) = 0.698 m ² Tip Speed (m/s) = 0.0857 X RPM																			
M ³ /HR	31396	37675	43954	50233	56512	62791	69070	75349	81628	87908											
O.VEL. M/S	12.5	15.0	17.5	20.0	22.5	25.0	27.5	30.0	32.5	35.0											
CFM	18479	22175	25870	29566	33262	36958	40653	44349	48045	51741											
O.V. FT/MIN	2461	2953	3445	3937	4429	4921	5413	5906	6398	6890											
KPA	IN.WG	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW	RPM	KW
1	4	438	13.8	459	17.5	481	21.7	504	26.8	529	33.1	555	40.2	582	48.4	610	57.7	640	68.8	672	80.8
1.5	6	516	19.5	534	24.5	555	30.1	577	36.2	599	42.7	622	50.9	647	60.5	672	70.8	699	82.7	727	96.0
2	8			600	31.6	619	38.5	639	45.8	661	53.8	682	62.0	705	72.1	728	83.5	753	96.2	781	111.6
2.5	10			660	38.4	676	46.4	694	55.0	715	64.4	737	74.3	759	84.8	781	97.0	805	110.4	829	126.0
3	12					730	54.4	747	64.5	766	75.5	787	87.0	809	98.3	831	111.2	853	125.0	876	141.3
3.5	14					779	62.6	794	73.4	813	85.9	834	98.6	854	112.0	876	126.0	898	140.5	920	157.3
4	16							841	82.7	857	96.0	877	110.6	897	125.0	918	140.0	941	157.0	962	174.0
4.5	18							884	92.0	899	105.5	918	122.0	938	138.0	958	154.8	980	172.4	1001	190.0
5	20									941	116.3	958	133.8	977	151.0	998	169.4	1018	188.0	1040	208.0
5.5	22									980	126.5	996	144.5	1015	164.5	1034	184.0	1054	203.5	1075	225.0

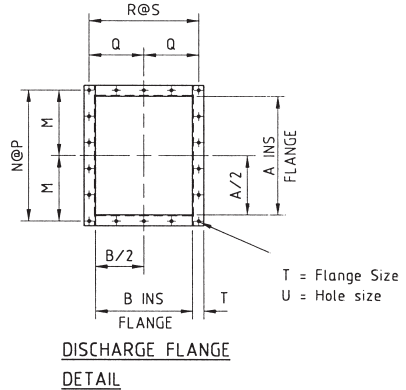
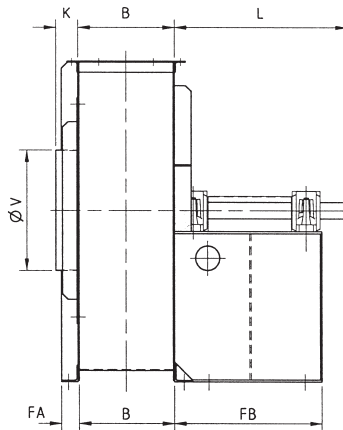
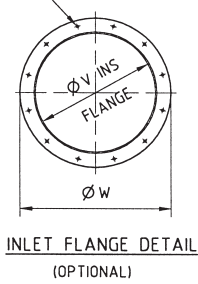
M SERIES FANS

ARR 1 BARE SHAFT

NOTE CLOCKWISE ROTATION SHOWN FOR ANTI CLOCKWISE ROTATION SYMMETRICALLY OPPOSITE



X = No of holes
Y = Hole p.c.d.
Z = Hole size



DIMENSIONS SHOULD NOT BE USED FOR CONSTRUCTIONAL PURPOSES WITHOUT OUR CERTIFICATION

SIZE	GENERAL										DISCHARGE FLANGE										INLET FL.					CENTER HT				
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z	XX	YY	ZZ	FA	FB
09	230	190	300	280	310	480	302	336	108	270	65	490	140	2	140	120	2	120	40	11	240	320	8	290	11	430	360	330	50	328
11	294	230	400	350	396	623	374	418	146	332	65	675	171	3	114	139	2	139	40	13	286	366	8	334	13	520	450	410	50	480
13	330	266	425	395	455	686	422	474	165	370	75	723	195	3	130	162	3	108	50	13	336	436	8	390	13	590	500	450	50	480
15	380	314	495	460	515	788	488	548	190	434	75	792	219	3	146	186	3	124	50	14	390	490	8	446	14	680	580	510	50	524
17	432	350	546	524	586	880	554	622	216	494	105	850	244	4	122	204	3	136	50	14	438	538	12	494	14	760	660	600	50	564
19	484	390	620	580	652	988	620	692	240	560	105	955	270	4	135	224	4	112	50	14	446	556	8	510	14	830	675	630	50	660
21	534	432	675	646	720	1078	680	758	266	606	105	1030	296	4	148	244	4	122	50	14	544	644	12	600	14	900	770	690	75	675
23	584	474	750	702	792	1196	745	826	292	662	110	1070	330	4	165	274	4	137	65	14	596	696	12	656	14	1000	850	760	75	690
26	660	530	810	796	894	1320	845	942	330	750	110	1125	365	5	146	300	4	150	65	14	670	770	12	726	14	1110	950	850	75	725
29	736	590	900	890	996	1465	942	1050	368	836	120	1155	408	6	136	335	5	134	65	18	746	876	12	816	18	1230	1050	950	75	725
33	838	672	1010	1026	1140	1658	1072	1194	420	952	120	1265	465	6	155	380	5	152	75	18	850	980	12	920	18	1380	1200	1080	75	795
37	940	752	1050	1134	1272	1860	1202	1340	470	1066	120	1380	518	7	148	420	5	168	75	18	950	1080	16	1020	18	1540	1330	1200	100	860

Mine Ventilation Fans Two-Stage Axial Flow Fans - Contra-Rotating

Features

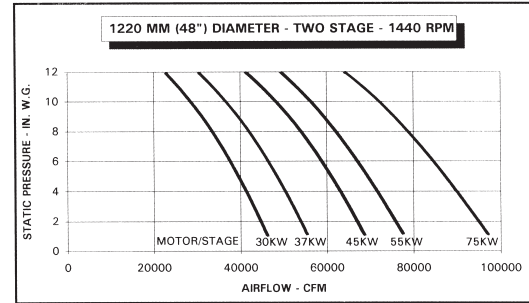
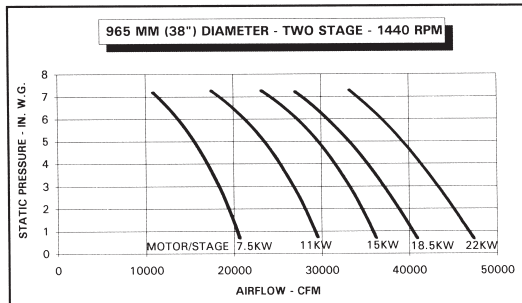
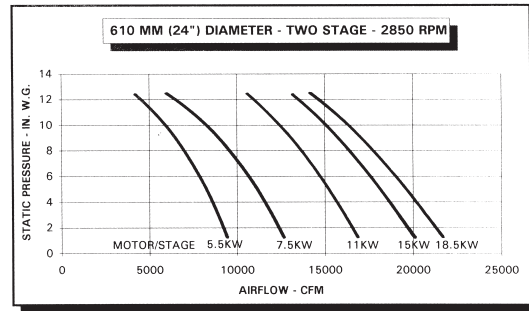
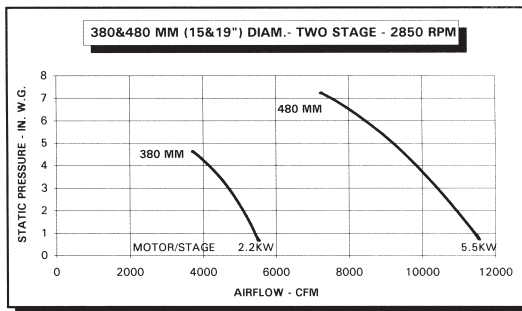
- * High Quality Aerofoil Bladed Cast Aluminium Impellers
- * Robustly Designed Casings, Flanges & Motor Mounting Brackets
- * Fully Welded Construction With Heavy Duty Hanging Brackets
- * Totally Enclosed Air Over Motors, With Minimum IP55 Protection
- * External Terminal Boxes - Fully Welded Steel Construction
- * Wire Mesh Guards At Fan Inlet For Protection
- * Bag Adaptors At Fan Discharge (Optional)
- * Inlet Cone With Guard (Optional)
- * External Greasing Points For Motors (Optional)

Proven Performers - Over the past 20 years, our extensive skills and experience have gone into supplying numerous contra-rotating axial flow fans for underground mine ventilation throughout Australia, particularly the Kalgoorlie region of Western Australia.

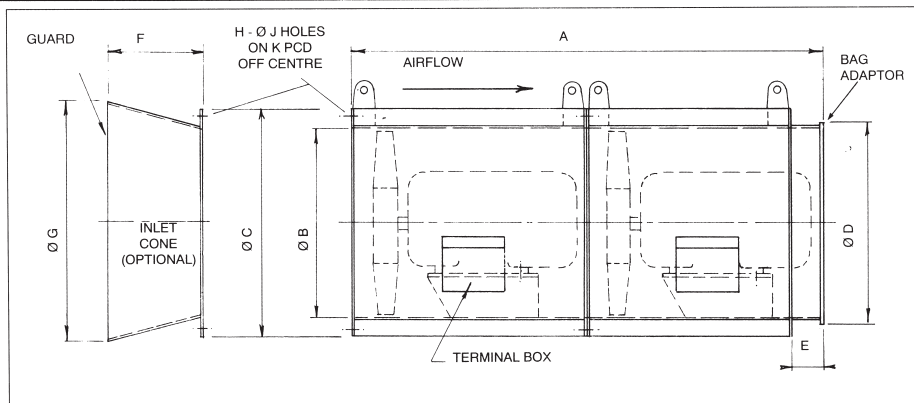


AF 1220 Two Stage Fan, Heavy Duty, 55kw per stage

MINE VENTILATION FANS – Specifications



CONVERSIONS: 1 CFM = 1.699 M³/HR = 0.472 L/S; 1 IN. W.G. = 0.249 KPA = 25.4 MM W.G.



SIZE	A	B	C	D	E	F	G	H	J	K
380	900	386	472	412	100	190	475	4	12	440
480	1200	486	592	514	100	240	600	4	15	548
610	1500	618	726	646	100	305	760	6	15	682
965	1500	974	1114	1004	100	485	1205	8	18	1056
1220	2400	1230	1370	1260	100	610	1525	10	18	1312

ALL DIMENSIONS IN MM

* OTHER CUSTOM BUILT SIZES AVAILABLE ON APPLICATION *

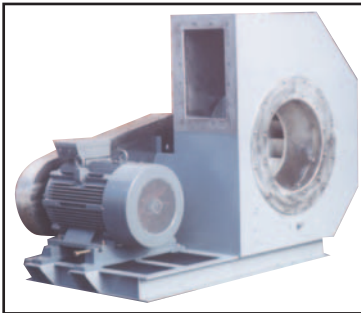
Inline centrifugal fans

The Aerotech inline centrifugal fans are heavy duty industrial type, non-overloading fans which are quiet and compact. The consolidation of the centrifugal wheel in a tube with guide vanes produce a highly efficient performance characteristics comparable to scroll type centrifugal fans but with minimum space requirements similar to that of axial flow fans. The tubular design eliminates the need for duct turns and transition pieces, thus providing simpler and less costly installation. The inlet and outlet diameters are identical and the fan can be mounted vertically or horizontally.

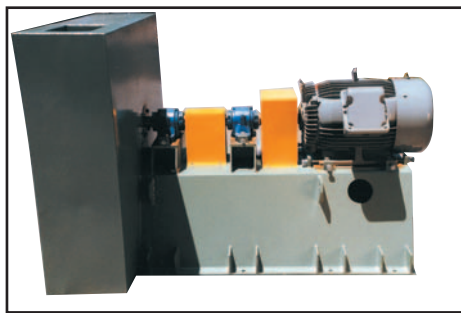


Acoustically Lagged Centrifugal fans

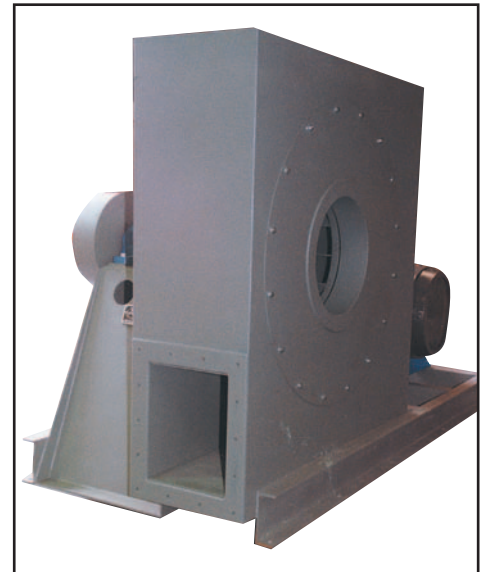
The Aerotech range of centrifugal fans can all be acoustically lagged to reduce radiated noise from the fan casing. The whole casing is double skinned and insulated with sound absorbent material. It is more economical to purchase a lagged fan than to acoustically insulate the fan casing on site to meet the necessary noise requirements.



MVX 320 s/s fan, Arr.1, 90kw



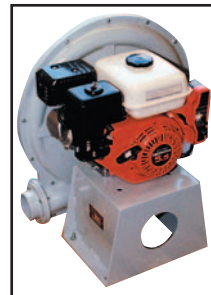
HP 332 fan, Arr.8, Coupling Driven, 22kw



HP 406 fan, Arr.1, 120kw

Petrol Engine Driven centrifugal fans

These fans are ideal for use in remote areas where electricity supply is not easily available.



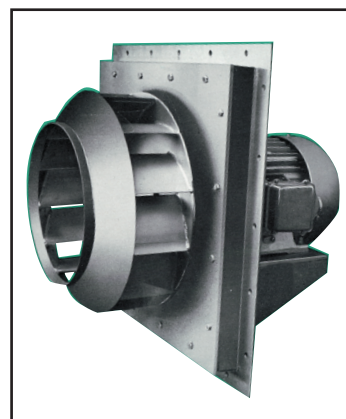
F 24 Fan



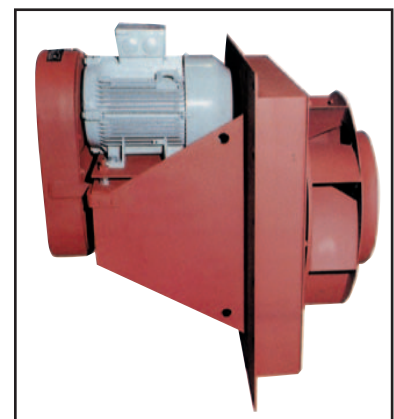
MVZ 160 fan

Plug Fans for high temperature

The Aerotech plug fans are solidly welded, non-overloading fans which can be square panel mounted to the side or top of oven dryer panel. The mounting panel is insulated. These fans are designed for internal operation in furnaces, ovens or kilns where air has to be exhausted, re-circulated, or distributed. Plug units eliminate ductwork and special mounting platforms.



Direct Driven



Belt Driven