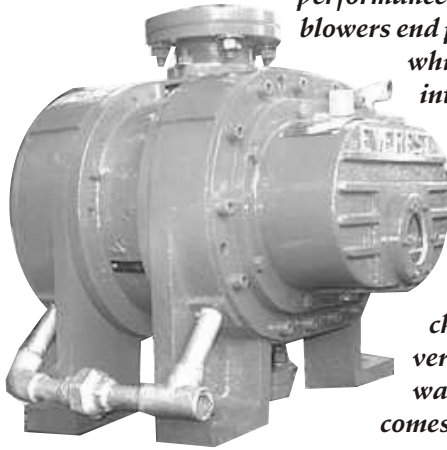




EVEREST TWIN LOBE ROTARY AIR COMPRESSORS



EVEREST WATER COOLED BLOWERS are similar to air cooled type in construction and performance except in the change of cooling arrangement. In water cooled blowers end plates have water jackets around them, where water is circulated, which dissipates the heat of compression generated and keeps the internals cool. Water cooled blowers are recommended for applications where discharge pressures exceed 7000 mm WG, since it is essential to dissipate heat for efficient working and long life of the bearings and seals. Everest Blowers have a unique design of single inlet and single outlet for cooling water and require no cumbersome water pipe connections externally. Internal circulation of water to various areas is through inbuilt channels. This unique design makes the operations very simple, yet very effective. The cooling water inlet is at the bottom so that the water rises up against gravity, reaching all the corners before it comes out from the outlet. The flow rates of cooling water are low.

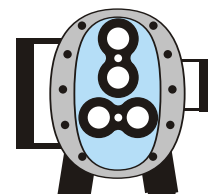
Our technology is so flexible, we can custom manufacture "Special Air Blowers" by alloying and cross linking diverse designs to suit individual requirements and import substitutes.

STANDARD DESIGN AND CONSTRUCTION FEATURES

- ⊙ 100% oil free air delivery.
- ⊙ Factory engineered, factory guaranteed, superior product.
- ⊙ High temperature resistant lip seals / labyrinth seals.
- ⊙ Single water inlet and outlet connections.
- ⊙ Alloy steel hardened and ground timing gears.
- ⊙ Anti-friction bearings.
- ⊙ Rigid one piece CI casing and side plates.
- ⊙ Improved volumetric efficiency and reduced operating temperatures.
- ⊙ Horizontal and vertical configurations available.
- ⊙ Easy rotor timing setting.
- ⊙ No vanes, valves or rings to wear.
- ⊙ Large inlet and outlet connections for minimum loss.
- ⊙ Alloy steel toughened shafts ground to close tolerances.

APPLICATIONS

- ⊙ **Water Treatment Plants** For backwashing of filter/mixed beds.
- ⊙ **Effluent Treatment Plants** For diffused aeration and agitation of effluent.
- ⊙ **Cement Plants** For Blending, Aeration, Fluidization, Conveying.
- ⊙ **Aquaculture** For maintaining the dissolved Oxygen level.
- ⊙ **Chemical Plants** For supplying of process air.
- ⊙ **Electroplating Plants** For Oil Free air agitation of electrolyte.
- ⊙ **Paper Plants** Knife edge coating, Drying, Conveying, Vacuum pickup.
- ⊙ **Yarn Drying** Vacuum/Pressure Drying of Yarn.
- ⊙ **Vacuum Moulding** For creating quick vacuum.
- ⊙ **Polyster Chip Conveying & drying** For transfer of polyster Chips and other similar materials.
- ⊙ **Bag Filters** For reverse cleaning of Filter bags.
- ⊙ **Pneumatic Conveying** Vacuum, Pressure and Combination Conveying of cereals, cement, husk, baggase, granules, powders and other similar material.



**WE JUST DON'T
OFFER BLOWERS,
WE OFFER
SOLUTIONS!**

PRODUCT RANGE

Air Blowers ~ Water Cooled Blowers ~ Gas Blowers ~ Vacuum Booster Pumps ~ Acoustic Hoods & Enclosures ~ Dry Vane Pumps

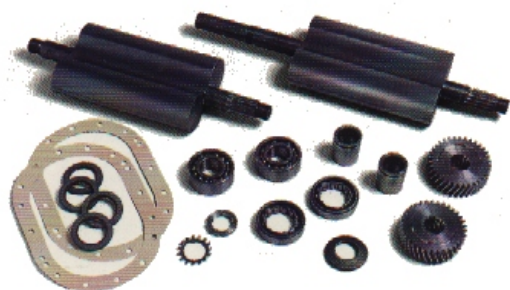
EVEREST Transmission

PERFORMANCE TABLE

WATER COOLED SERIES

MODEL	SPEED (RPM)	5000 MMWG		6000 MMWG		7000 MMWG		8000 MMWG		9000 MMWG		10000 MMWG		COOLING WATER	OPENING mm NB	STANDARD ORIENTATION
		m ³ /hr	BHP	m ³ /hr	BHP	m ³ /hr	BHP	m ³ /hr	BHP	m ³ /hr	BHP	m ³ /hr	BHP			
M5075WC	960	132	4.6	124	5.4	116	6.2	110	7.0	103	7.8	97	8.6	4-5 LPM	65	
	1200	186	5.8	178	6.8	170	7.8	163	8.7	157	9.7	151	10.7			
	1500	253	7.3	245	8.5	238	9.7	231	10.9	224	12.2	218	13.4			
M5125WC	960	154	5.7	142	6.7	132	7.7	122	8.8	112	9.8	103	10.8	4-5 LPM	80	
	1200	224	7.2	212	8.4	201	9.7	191	10.9	181	12.2					
	1440	293	8.6	281	10.1	270	11.6	260	13.1							
65WC	1000	210	7.8	194	9.2	179	10.5	166	11.9	153	13.3	141	14.6	5-6 LPM	80	
	1300	322	10.2	306	11.9	292	13.7	278	15.5	266	17.2	254	19.0			
	1600	434	12.5	418	14.7	404	16.9	390	19.0	378	21.2	366	23.4			
67WC	1000	322	11.2	299	13.3	278	15.3	258	17.3	240	19.4	223	21.4	5-6 LPM	125	
	1300	490	14.6	467	17.2	446	19.9	427	22.5	408	25.2	391	27.9			
	1600	658	17.9	635	21.2	615	24.5	595	27.8	577	31.0	559	34.3			
610WC	1000	430	14.7	400	17.4	371	20.1	345	22.8	321	25.6	298	28.3	6-8 LPM	150	
	1300	655	19.0	624	22.6	596	26.1	570	29.7	546	33.2					
	1500	805	22.0	774	26.1	746	30.2	720	34.3							
76WC	1000	496	13.8	477	16.3	461	18.9	445	21.4	430	23.9	416	26.4	6-8 LPM	100	
	1300	702	18.0	684	21.2	667	24.5	651	27.8	637	31.0	623	34.3			
	1600	909	22.1	890	26.2	874	30.2	858	34.2	843	38.2	829	42.2			
78WC	1000	649	18.0	623	21.4	600	24.7	578	28.0	557	31.4	537	34.7	6-8 LPM	125	
	1300	924	23.4	898	27.8	875	32.1	853	36.5	832	40.8	813	45.2			
	1600	1200	28.8	1174	34.2	1150	39.5	1128	44.9	1108	50.2	1088	55.6			
710WC	1000	817	22.2	786	26.4	757	30.6	730	34.7	704	38.9	680	43.1	8-10 LPM	150	
	1300	1161	28.9	1130	34.3	1101	39.7	1074	45.2	1049	50.6	1025	56.0			
	1600	1506	35.5	1474	42.2	1445	48.9	1418	55.6							
89WC	1000	936	25.7	912	30.0	890	34.3	869	38.7	850	43.0	831	47.3	8-10 LPM	100	
	1200	1174	30.8	1150	36.0	1128	41.2	1107	46.4	1087	51.6	1069	56.8			
	1440	1460	37.0	1435	43.2	1413	49.4	1393	55.7	1373	61.9	1355	68.2			
812WC	1000	1252	33.0	1219	38.8	1190	44.6	1162	50.4	1136	56.2	1111	61.9	10-12 LPM	125	
	1200	1570	39.6	1538	46.5	1508	53.5	1480	60.4	1454	67.4	1430	74.3			
	1440	1952	47.5	1919	55.8	1890	64.2	1862	72.5							
1012WC	1000	2140	54.5	2084	64.4	2034	74.3	1986	84.2	1942	94.2	1900	104.1	10-12 LPM	150	
	1200	2684	65.4	2628	77.3	2578	89.2	2530	101.1	2486	113.0	2444	124.9			
	1440	3336	78.5	3281	92.8	3230	107.1	3183	121.3	3138	135.6	3096	149.8			
1016WC	1000	2875	71.6	2801	84.9	2733	98.2	2669	111.5	2609	124.8	2553	138.1	16-18 LPM	200	
	1200	3606	85.9	3532	101.8	3464	117.8	3400	133.8	3340	149.8	3284	165.7			
	1440	4483	103.0	4409	122.2	4341	141.4	4277	160.5							

Values in Blue are subject to temperature and drive limitations and must be referred to factory for proper application.
 Conversions: 1 Cubic Mtr/Hour = 0.588 CFM; 1000 mmWG = 1.42 PSIG = 0.1 Kg/Sq cm

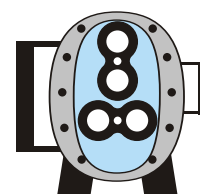


THE EVEREST ADVANTAGE

Retain your advantage with factory genuine replacement parts.

- ⊙ All parts meet original manufacturing specifications and tolerances for guaranteed fit and function.
- ⊙ Pre-packaged overall kits with detailed service manuals are available on request.

Due to constant improvements, technical specifications are subject to change without notice. For further clarifications, contact our technical team who shall be glad to assist you to overcome application problems.



EVEREST Transmission

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