

**Sadashiv Blowers Pvt. Ltd.**  
COMPLETE HOUSE OF AQUA SOLUTION



**SADASHIV**  
BLOWERS



# ABOUT US

Looking over the upcoming demand of market, we are an able and agile team of Mechanical Engineers dedicated to launching their product with a brand name SadaShiv Blowers. We are having a well settled team having an experience of 10+ years in the field of water solution. Sadashiv Blowers launching innovative equipments of water solution with superior quality, higher reliability factor, with very competitive price.



## WHY SADASHIV BLOWERS

At Sadashiv Blowers we assure you to provide best quality product with higher reliability factor



## OUR SOUL OF WORK

1. QUALITY
2. COST
3. DELIVERY
4. SERVICE



**PRV**



**BALL BEARING**



**GEAR**



**OIL SEAL**



**PACKAGE BLOWER**



**FILTER**



**PRESSURE GAUGE**



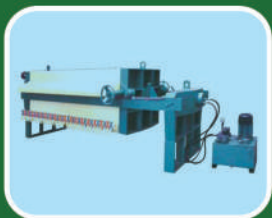
**NRV**



**ROTOR**



**RING BLOWER**



**FILTER PRESS**



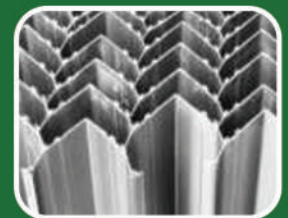
**MBBR MEDIA**



**COARSE DIFFUSER**



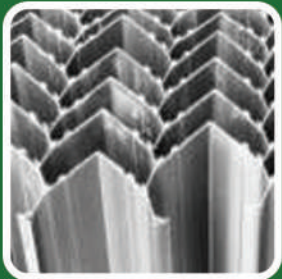
**FINE DIFFUSER**



**TUBE SETTLER MEDIA**

## Our Product Range

- Twin Lobe Air Blower
- Twin Lobe Water Cool Blower
- Twin Lobe Vacuum Blower
- Twin Lobe Aquaculture Blower
- Ring Blower
- Acoustic Enclosure
- Aero Tubes for Aquaculture
- Filter Press
- MBBR Media
- Tube Settler Media
- Fine Bubble Diffuser
- Coarse Bubble Diffuser








# SADASHIV ROOTS BLOWERS PERFORMANCE TABLE

## PRESSURE RANGE (kg/cm<sup>2</sup>)

MODEL	SPEED RPM	0.1		0.2		0.3		0.4		0.5		0.6		0.7		OPENING mm NB	STANDARD ORIENTATION
		m/hr	BKW	m/hr	BKW	m/hr	BKW	m/hr	BKW	m/hr	BKW	m/hr	BKW	m/hr	BKW		
SB 350	1000	51	0.43	42	0.70	35	0.96	29	1.23	24	1.49					40	→
Roots Design	1200	65	0.52	56	0.84	49	1.16	44	1.47	38	1.79						
	1500	83	0.62	74	1.00	67	1.39	61	1.77	56	2.15						
SB 42	1000	77	0.5	67	0.8	59	1.1	52	1.4	46	1.7	40	1.9	35	2.2	40	→
Roots Design	1200	98	0.7	87	1.0	79	1.3	72	1.7	66	2.0	61	2.3	56	2.7		
	1500	128	0.8	118	1.2	110	1.7	103	2.1	97	2.5	92	2.9	87	3.3		
SB 44	1000	112	0.7	97	1.1	85	1.5	75	1.9	66	2.3	59	2.7	51	3.1	65	→
Roots Design	1200	142	0.8	126	1.3	115	1.8	105	2.3	96	2.8	88	3.3	81	3.8		
	1500	187	1.1	171	1.7	159	2.3	149	2.9	141	3.5	133	4.1	125	4.7		
SB 47	1000	208	1.2	182	2.0	162	2.7	145	3.4							80	→
Roots Design	1200	262	1.5	236	2.4	216	3.2	199	4.1								
	1500	344	1.8	318	2.9	298	4.1	281	5.2								
SB 53	1000	186	1.2	171	1.8	159	2.4	149	3.0	140	3.6	132	4.2	125	4.8	80	→
Roots Design	1200	231	1.4	216	2.1	204	2.9	194	3.6	185	4.3	177	5.1	170	5.8		
	1500	298	1.8	283	2.7	271	3.6	261	4.5	252	5.4	244	6.3	237	7.2		
SB 55	1000	233	1.3	210	2.1	193	2.9	178	3.7	165	4.4	154	5.2	143	6.0	80	→
Roots Design	1200	291	1.6	268	2.5	251	3.5	236	4.4	223	5.3	211	6.3	200	7.2		
	1500	377	2.0	355	3.1	337	4.3	322	5.5	309	6.7	298	7.8	287	9.0		
SB 57	1000	326	1.6	295	2.7	270	3.8	250	4.9	231	6.0	215	7.1	200	8.2	80	→
Roots Design	1200	407	1.9	375	3.3	351	4.6	330	5.9	312	7.2	296	8.5	281	9.9		
	1500	528	2.4	496	4.1	472	5.7	451	7.4	433	9.0	417	10.7	402	12.3		
SB 59	1000	446	2.2	404	3.7	372	5.2	345	6.7							80	→
Roots Design	1200	556	2.7	514	4.5	482	6.3	455	8.1								
	1500	720	3.4	678	5.6	646	7.8	619	10.1								
SB 65	1000	233	1.3	210	2.1	193	2.9	178	3.7	165	4.4	154	5.2	143	6.0	80	↓
Roots Design	1200	291	1.6	268	2.5	251	3.5	236	4.4	223	5.3	211	6.3	200	5.8		
	1500	377	2.0	355	3.1	337	4.3	322	5.5	309	6.7	298	7.8	287	7.2		
SB 67	1000	453	2.3	409	3.8	375	5.3	346	6.8	321	8.4	298	9.9	277	11.4	125	↓
Roots Design	1200	565	2.7	520	4.6	486	6.4	458	8.2	433	10.0	410	11.9	389	13.7		
	1500	732	3.4	688	5.7	654	8.0	626	10.3	601	12.6	578	14.8	557	17.1		
SB 610	1000	605	2.8	546	4.8	501	6.9	462	8.9	429	10.9	398	13.0	370	15.0	150	↓
Roots Design	1200	754	3.3	695	5.8	650	8.2	612	10.7	578	13.1	548	15.6	520	18.0		
	1500	979	4.2	920	7.2	874	10.3	836	13.3	803	16.4	772	19.5	744	22.5		
SB 615	1000	919	3.9	836	6.9	772	10.0	719	13.0							150	↓
Roots Design	1200	1142	4.6	1060	8.3	996	12.0	942	15.6								
	1500	1478	5.8	1395	10.4	1332	14.9	1278	19.5								
SB 76	1000	601	2.8	565	4.7	538	6.6	515	8.5	494	10.3	476	12.2	459	14.1	100	↓
Roots Design	1200	738	3.4	702	5.7	675	7.9	652	10.1	632	12.4	613	14.6	596	16.9		
	1500	944	4.3	908	7.1	881	9.9	858	12.7	838	15.5	819	18.3	802	21.1		
SB 78	1000	601	2.8	565	4.7	538	6.6	515	8.5	494	10.3	476	12.2	459	14.1	125	↓
Roots Design	1200	738	3.4	702	5.7	675	7.9	652	10.1	632	12.4	613	14.6	596	16.9		
	1500	944	4.3	908	7.1	881	9.9	858	12.7	838	15.5	819	18.3	802	21.1		
SB 710	1000	997	4.1	936	7.2	889	10.3	850	13.4	815	16.6	783	19.7	755	22.8	150	↓
Roots Design	1200	1226	4.9	1165	8.6	1118	12.4	1078	16.1	1044	19.9	1012	23.6	983	27.4		
	1500	1569	6.1	1508	10.8	1461	15.5	1422	20.2	1387	24.8	1355	29.5	1327	34.2		
SB 713	1000	1292	5.0	1211	9.1	1149	13.1	1097	17.2	1051	21.2	1009	25.3	971	29.3	150	↓
Roots Design	1200	1589	6.0	1508	10.9	1446	15.7	1394	20.6	1348	25.5	1306	30.3	1268	35.2		
	1500	2035	7.5	1954	13.6	1892	19.7	1840	25.8	1794	31.8	1752	37.9	1714	44.0		
SB 717	1000	1691	6.6	1585	11.9	1504	17.2	1436	22.5							150	↓
Roots Design	1200	2080	7.9	1974	14.2	1893	20.6	1825	27.0								
	1500	2664	9.9	2558	17.8	2477	25.8	2409	33.7								
SB 89	900	955	5.6	908	8.5	872	9.0	842	11.9	815	17.2	791	20.1	769	23.1	100	↓
Roots Design	1100	1192	6.8	1145	10.4	1109	11.0	1079	14.6	1052	21.1	1028	24.6	1006	28.2		
	1500	1667	9.3	1620	14.2	1584	15.0	1553	19.8	1527	28.7	1503	33.6	1480	38.4		
SB 812	700	959	5.1	897	8.1	849	11.2	808	14.2	772	17.2	740	20.2	710	23.3	125	↓
Roots Design	900	1277	6.6	1214	10.5	1166	14.4	1125	18.2	1090	22.1	1057	26.0	1028	29.9		
	1500	2228	11.0	2166	17.4	2118	23.9	2077	30.4	2041	36.9	2009	43.4	1980	49.9		
SB 816	700	1279	6.1	1196	10.2	1131	14.2	1077	18.2	1030	22.3	987	26.3			200	↓
Roots Design	900	1702	7.9	1619	13.1	1554	18.2	1500	23.4	1453	28.6	1410	33.8				
	1500	2971	13.1	2888	21.8	2824	30.4	2770	39.1	2722	47.7	2679	56.4				
SB 820	700	1599	7.1	1494	12.2	1414	17.2	1347	22.3							200	↓
Roots Design	900	2128	9.2	2023	15.7	1943	22.1	1876	28.6								
	1500	3714	15.3	3610	26.1	3530	36.9	3462	47.7								
SB 1012	700	1640	7.8	1533	13.0	1451	18.1	1381	23.3	1320	28.5	1265	33.6	1265	33.6	150	↓
Roots Design	900	2182	10.0	2075	16.7	1993	23.3	1924	30.0	1863	36.6	1807	43.3	1807	43.3		
	1500	3809	16.7	3702	27.8	3620	38.8	3551	49.9	3490	61.0	3435	72.1	3435	72.1		
SB 1016	700	2203	9.6	2060	16.5	1949	23.5	1856	30.4	1774	37.4	1700	44.3	1700	44.3	200	↓
Roots Design	900	2932	12.3	2788	21.2	2678	30.2	2585	39.1	2503	48.0	2429	57.0	2429	57.0		
	1500	5119	20.5	4975	35.4	4864	50.3	4771	65.2	4689	80.1	4615	95.0	4615	95.0		
SB 1020	700	2818	11.5	2634	20.4	2493	29.3	2374	38.2	2269	47.1	2174	56.0			250	↓
Roots Design	900	3751	14.8	3567	26.2	3425	37.7	3306	49.1	3201	60.5	3107	71.9				
	1500	6547	24.6	6363	43.7	6222	62.8	6103	81.8	5998	100.9	5903	119.9				
SB 1024	700	3310	13.1	3094	23.5	2928	33.9	2788	44.4	2665	54.8					300	↓
Roots Design	900	4405	16.8	4189	30.2	4023	43.6	3883	57.1	3760	70.5						
	1500	7690	28.0	7474	50.3	7308	72.7	7168	95.1	7045	117.5						

# SADASHIV TWIN LOBE AQUA CULTURE AIR BLOWERS

Sadashiv has introduced its new range of AQUA Series Twin Lobe Rotary Air Blowers (Roots Blowers) to meet the electroplating & aqua culture requirements which essentially demand 100% Oil Free Air. These blowers are totally dry machines where lubricating chambers are physically isolated from the main gas chamber ensuring 100% Oil Free Air delivery. For ease of operation and maintenance, the inlet and discharge connections are modified with Suction top and discharge horizontal reducing cumbersome piping.

MODEL	REC MOTOR	FLOWRATE M3/HR	MAX. PR. MMWG	SPEED OF BLOWER (RPM)	MIN. REC. DISCH. LINE SIZE (MMNB)	ORIENTATION
SB AQUA A	3 HP	160	2000	1200	80	
SB AQUA B	5 HP	250	2000	1200	100	
SB AQUA C	7.5 HP	540	2000	1200	100	
SB AQUA D	10 HP	750	2000	1200	125	
SB AQUA E	15 HP	1200	2000	1200	150	

## ACOUSTIC HOOD ENCLOSURES

Sadashiv Acoustic enclosures are made from high quality raw material with combination of rock wool / foams of different combinations to suit customer requirements. These enclosures are designed with CAD /CAM techniques for minimum insertion loss or for meeting ambient noise standards.

### FEATURES:

**Noise Control:** Noise level reduction to the tune of 25-30% is achieved.

**Elimination of Civil Work:** enclosures are suitable for open installation and hence require no separate building or shed.



## AERO TUBES FOR AQUA CULTURE

Sadashiv Aero Tubes For Aquaculture is one of the latest technologies for aquaculture aeration. It is designed specially for commercial aquaculture and has been successfully installed in hundreds of acres of aquaculture ponds. It has high efficiency in both salt water and fresh water.

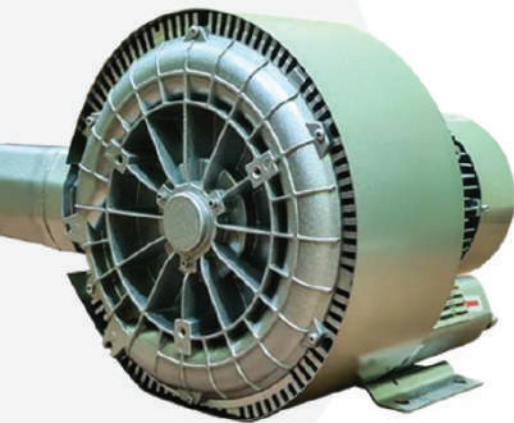


# Single Stage TURBINE BLOWER

MODEL	POWER	DISPLACEMENT	VACUUM	PRESSURE	SOUND	WEIGHT
SB-1-25	0.25 HP	80 m <sup>3</sup> /hr / 47 CFM	-120 mbar	120 mbar	53 DB	9 KG
SB-1-80	0.5 HP	80 m <sup>3</sup> /hr / 47 CFM	-130 mbar	140 mbar	62 DB	12 KG
SB-1-145	1.0 HP	145 m <sup>3</sup> /hr / 85 CFM	-150 mbar	160 mbar	63 DB	14 KG
SB-1-210F	1.25 HP	210 m <sup>3</sup> /hr / 123 CFM	-110 mbar	100 mbar	65 DB	20 KG
SB-1-210L	1.5 HP	210 m <sup>3</sup> /hr / 123 CFM	-170 mbar	170 mbar	64 DB	22 KG
SB-1-210	2.0 HP	210 m <sup>3</sup> /hr / 123 CFM	-190 mbar	200 mbar	70 DB	23 KG
SB-1-270	3.0 HP	270 m <sup>3</sup> /hr / 159 CFM	-230 mbar	250 mbar	67 DB	27 KG
SB-1-320V	4.0 HP	320 m <sup>3</sup> /hr / 188 CFM	-270 mbar	290 mbar	69 DB	37 KG
SB-1-400	5.0 HP	400 m <sup>3</sup> /hr / 235 CFM	-290 mbar	330 mbar	77 DB	40 KG
SB-1-530	7.5 HP	530 m <sup>3</sup> /hr / 312 CFM	-300 mbar	320 mbar	80 DB	62 KG
SB-1-530P	10.0 HP	530 m <sup>3</sup> /hr / 312 CFM	-320 mbar	380 mbar	82 DB	68 KG
SB-1-1050	11.0 HP	1050 m <sup>3</sup> /hr / 618 CFM	-210 mbar	210 mbar	74 DB	93 KG
SB-1-1050P	16.5 HP	1050 m <sup>3</sup> /hr / 618 CFM	-280 mbar	270 mbar	74 DB	116 KG
SBL-1-1050HP	24.5 HP	1050 m <sup>3</sup> /hr / 618 CFM	-340 mbar	460 mbar	74 DB	126 KG



# Double Stage TURBINE BLOWER



MODEL	POWER	DISPLACEMENT	VACUUM	PRESSURE	SOUND	WEIGHT
SB-DS-88	1.0 HP	88 m <sup>3</sup> /hr / 52 CFM	-210 mbar	240 mbar	55 DB	14 KG
SB-DS-150	2.0 HP	150 m <sup>3</sup> /hr / 89 CFM	-280 mbar	280 mbar	66 DB	24 KG
SB-DS-150V	3.0 HP	150 m <sup>3</sup> /hr / 89 CFM	-330 mbar	440 mbar	66 DB	27 KG
SB-DS-230V	3.0 HP	230 m <sup>3</sup> /hr / 135 CFM	-290 mbar	360 mbar	72 DB	35 KG
SB-DS-230	4.0 HP	230 m <sup>3</sup> /hr / 135 CFM	-340 mbar	410 mbar	72 DB	39 KG
SB-DS-230P	5.0 HP	230 m <sup>3</sup> /hr / 135 CFM	-390 mbar	490 mbar	72 DB	44 KG
SB-DS-320V	7.5 HP	320 m <sup>3</sup> /hr / 189 CFM	-440 mbar	500 mbar	73 DB	70 KG
SB-DS-320P	10.0 HP	320 m <sup>3</sup> /hr / 189 CFM	-440 mbar	570 mbar	73 DB	77 KG
SB-DS-520	15.0 HP	520 m <sup>3</sup> /hr / 306 CFM	-430 mbar	660 mbar	74 DB	88 KG
SB-DS-1110P	27.0 HP	1110 m <sup>3</sup> /hr / 654 CFM	-440 mbar	500 mbar	74 DB	204 KG
SB-DS-1110HP	33.0 HP	1110 m <sup>3</sup> /hr / 654 CFM	-440 mbar	590 mbar	74 DB	211 KG
SB-DS-2050	27.0 HP	2050 m <sup>3</sup> /hr / 1207 CFM	-250 mbar	230 mbar	75 DB	230 KG
SB-DS-2050P	33.0 HP	2050 m <sup>3</sup> /hr / 1207 CFM	-310 mbar	280 mbar	75 DB	235 KG

WHEN YOU LOOK FOR THE QUALITY LOOK FOR SADASHIV BLOWERS

## MBBR (FAB) MEDIA

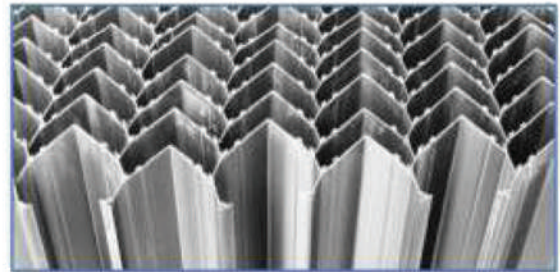


MBBR MEDIA virtually increases the surface area of the aeration tank required for bio growth which aid in digesting the organic matter useful in the treatment of, municipal and industrial effluent. The Media provides high surface area per unit volume rendering it more effective, which also comes with a very competitive price.

Type of Media	Fluidized Random Bio Media
Media Height	16mm
Media Dia Meter	22mm
Moc of Media	PP
Colour	Black
Specific Density	0.90-0.97 gms/cm2

## TUBE SETTLER MEDIA

Plan Settling Area of Media	50° Slope-11M2/m3
Cross Sectional Size	120mmX44mm
Shape	Hexagonal Chevron
Moc of Media	PVC
Thickness	1mm (appx.)
Fitting Arrangement	Tongute & Groove
Max. Continuous Operating Temperature	55°c
Colour	Black
Size	750mm/866mm/1000mm



## COARSE BUBBLE DIFFUSER (EPDM/SILICON)



Coarse Bubble Diffusers to the clients spread across the domestic market. These diffusers have finely divided air bubbles, which ensure freedom from common clogging problems. The piece plastic diffuser base and neoprene disc fitted in these diffusers assures hassle free operations with minimal corrosion problems.

Model No.	Air Flow	Connection Size	Bubble Size	No. of Ports
CBD-80	1.0-5.0 M3	3/4" BSP	4-5mm	10
CBD-150	4.0-10.0M3	1" BSP	6-8mm	8

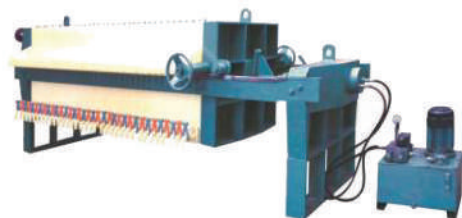
## FINE BUBBLE DIFFUSER (EPDM/SILICON)

Fine Bubble Diffuser is an assembly of high quality EPDM/SILICON membrane of 63mm diameter and 610mm length on standard PVC pipe and tightly held by SS 304 clamps to ansure trouble free operation. The air inlet is through rigid PVC Hub designed to provide uniform air distribution throughout the tube. The Minute pores on the membrane behave as NRV to prevent water from entering the tube. 63x610mm comes with 3/4" SS adaptor for easy mounting of diffusers to the diffuser skid.

Model No.	Air Flow	Connection Size
FBD 63X610	2.0 - 5.5 M3	3/4" BSP/SS-304
FBD 63X1000	3.0 - 9.0 M3	3/4" BSP/SS-304
FBD 90X1000	5.0 - 12 M3	1" BSP/SS-304



## FILTER PRESS



**FEATURES**  
 MAXIMUM FILTRATION EFFICIENCY  
 LESS MAINTENANCE THROUGHOUT THE SERVICE LIFE

**AVAILABLE TYPE :**  
 HYDRAULIC FILTERPRESS  
 SCREW FILTERPRESS

**SIZE AVAILABLE :**  
 12\*12, 18\*18, 24\*24, 36\*36, 48\*48 (HYDRAULIC ONLY)



# SADASHIV

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## BLOWERS

## APPLICATIONS

- Water Treatment Plants For back washing 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.
- Chemicals 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.
- Polyester Chip Conveying & drying For transfer of polyester Chips and other similar materials.
- Bag Filters For reverse cleaning of Filter bags.
- Pneumatic Conveying Vacuum, Pressure and Combination Conveying of cereals cement, husk, baggage, granules, powders and other similar material.
- Regeneration of Dryers & Molecular Sieves.

## CONTACT US

 : A5/72-A, Paschim Vihar, New Delhi-110063

 : [www.sadashivblowers.com](http://www.sadashivblowers.com)

 : [info@sadashivblowers.com](mailto:info@sadashivblowers.com)

 : 7988208214 , 9896988572



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