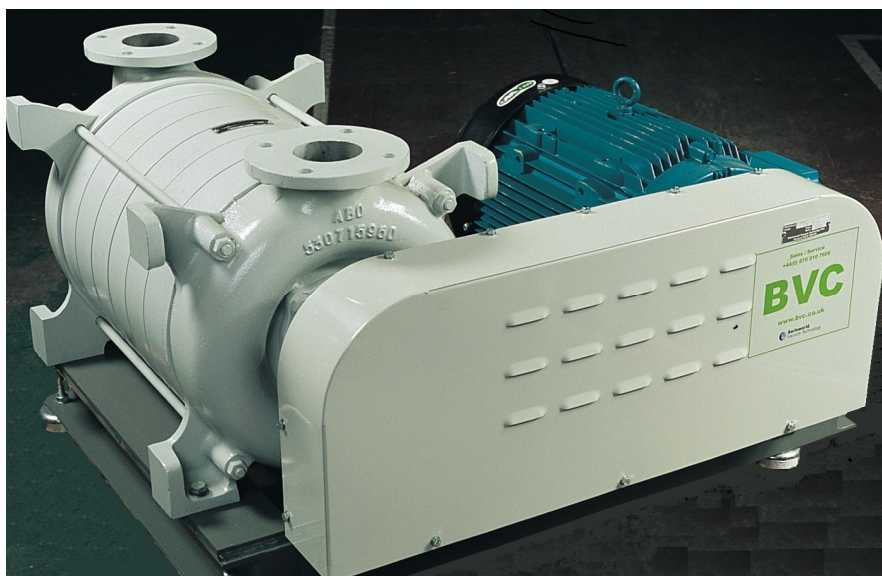


AB08 Exhauster/Blower



Features/benefits

- Robust construction, British design and manufacture
- Suitable for broad range of applications
- Provide warm, dry, non-pulsating air
- Bare shaft or fully motorised units available
- Electric motors/starters from a wide range can be fitted

Exhauster Applications

Inlet Should be fitted with in-line filter and flexible connector to pipework

Outlet Silencer should be fitted

Blower Applications

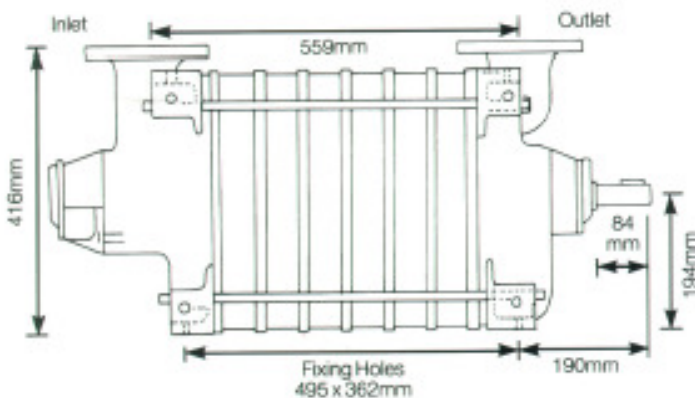
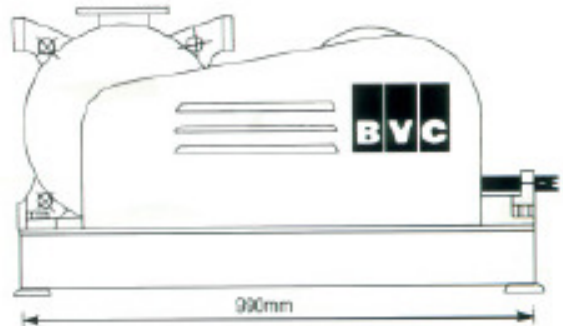
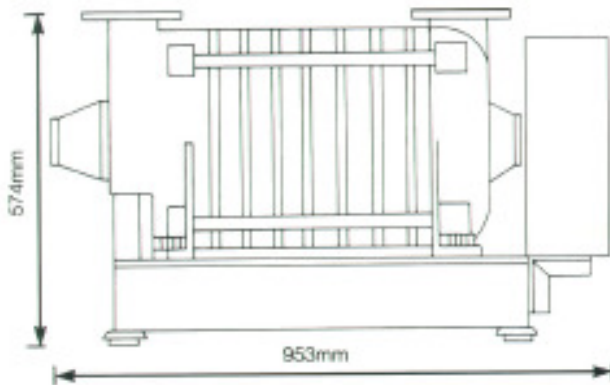
Inlet Should be fitted with in-line filter (and throttle valve if required)

Outlet Should be fitted with flexible connector to pipework

Impellers / diffusers	Steel	Nominal port	76mm
Shaft	Steel	Inlet	Vertical, horizontal option
Intermediate rings	Aluminium	Outlet port	Vertical, horizontal option
End covers	Aluminium	Motor	5.5kW–15kW (model dependant) Induction 2 pole TEFV to IP55 380-415v /3ph/50hz
Bearings	Self aligning ball bearing bearing roller bearing	Nominal speed rpm	45–4,500 49–4,900 57–5,700 59–5,900 60–5,900 62–6,200
Belt drive	Multi-vee	Control switch	Not supplied
No of stages	8	Weight kg	motorised – 45&49– 227kg, 57/59/60/62–262kg, bareshaft – 90kg

PERFORMANCE TABLE

VACUUM OR PRESSURE		PSI	0.28	0.57	0.85	1.13	1.42	1.70	2.0	2.27	2.55	2.84	3.12	3.40	3.69	4.0	4.26	4.54	4.82	5.1	5.39	5.68	6.0	6.24	6.53		
		"WG	7.9	15.7	23.6	31.5	39.4	47.2	55.1	63.0	70.9	78.7	86.6	94.5	102.4	110.2	118.1	126.0	133.8	141.7	149.6	157.5	165.3	173.2	181.1		
		mmWG	200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000	4200	4400	4600		
AIR FLOW																											
EXHAUSTERS	AB08/45	M ³ /Hr	892	845	795	735	680	615	540	455	335	140															
		CFM	525	497	468	432	400	362	318	268	197	82															
	AB08/49	M ³ /Hr	970	925	880	830	785	730	675	610	530	430	300	77													
		CFM	570	544	518	488	462	429	397	359	312	253	176	45													
	AB08/59	M ³ /Hr	1159	1127	1088	1049	1011	964	913	853	790	731	629	527	493	382	238										
		CFM	682	663	640	617	595	567	537	502	465	430	370	310	290	225	140										
	AB08/62	M ³ /Hr	1250	1210	1172	1137	1090	1052	1010	970	925	880	830	770	697	612	510	374	335	90							
		CFM	735	712	689	669	641	619	594	570	544	518	488	453	410	380	300	220	197	53							
BLOWERS	AB08/45	M ³ /Hr	895	855	805	755	705	645	590	535	459	374	270	150													
		CFM	526	503	473	444	415	379	347	315	270	220	159	88													
	AB08/49	M ³ /Hr	975	940	900	860	810	765	710	655	600	540	480	420	340	255	135										
		CFM	573	553	529	506	476	450	418	385	353	318	282	247	200	150	79										
	AB08/57	M ³ /Hr	1120	1080	1040	1000	960	920	875	830	785	735	690	640	590	530	470	410	289	250	150	40					
		CFM	659	635	612	588	565	541	515	488	462	432	406	376	347	312	276	241	170	147	88	23					
	AB08/60	M ³ /Hr	1300	1270	1230	1190	1155	1115	1080	1040	1005	965	925	885	840	790	750	707	612	595	530	465	390	300	160		
		CFM	765	747	723	700	679	656	635	612	591	568	544	521	494	465	441	418	360	350	312	273	229	176	94		
Multiply CFM x 0.4719 for Litres/sec														Divide "WG by 13.6 for "Hg													



Inlet filters (Blowers) and outlet silencer (Exhausters) are supplied as extras. Blowers may be fitted with a throttle on inlet (details on request)

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Bare shaft unit