



PRESSURE APPLICATIONS INCLUDING:

- FISH FARM AERATION
- AQUACULTURE
- WASTE WATER TREATMENT
- CHEMICAL AGITATION
- SOIL REMEDIATION
- PLATING TANK AGITATION
- PNEUMATIC CONVEYING
- MANY MORE

COMPLETELY PACKAGED FOR EASY INSTALLATION AND QUIET OPERATION

COMPONENTS INCLUDED:

- TRI-LOBE CAST IRON BLOWER
 - INTAKE FILTER/SILENCER
 - DISCHARGE SILENCER
 - DISCHARGE PRESSURE GAUGE
 - OUTLET CHECK VALVE
 - OUTLET FLEXIBLE CONNECTOR
 - PRESSURE RELIEF VALVE
 - VIBRATION ISOLATION MOUNTS
 - DIRECT FLANGED MOTOR
- (VOLTAGES TO SUIT USER POWER SUPPLY)

EQUIPMENT FEATURES:

- HIGHLY EFFICIENT
- NO VEE BELTS TO MAINTAIN
- PRESSURES TO 8.5 PSIG
- CAPACITIES FROM 36 TO 115 CFM
- 1 TO 5 HP MODELS
- 1750 RPM DIRECT DRIVE
- NOISE LEVELS FROM 58 TO 69 DB
- COMPETITIVELY PRICED
- 1 YEAR WARRANTY



Larger Models (to 30 HP / 775 CFM) are also available.
See bulletins APPL-QAF104 and APPL-QAF105 for information.



- AMAZINGLY QUIET -

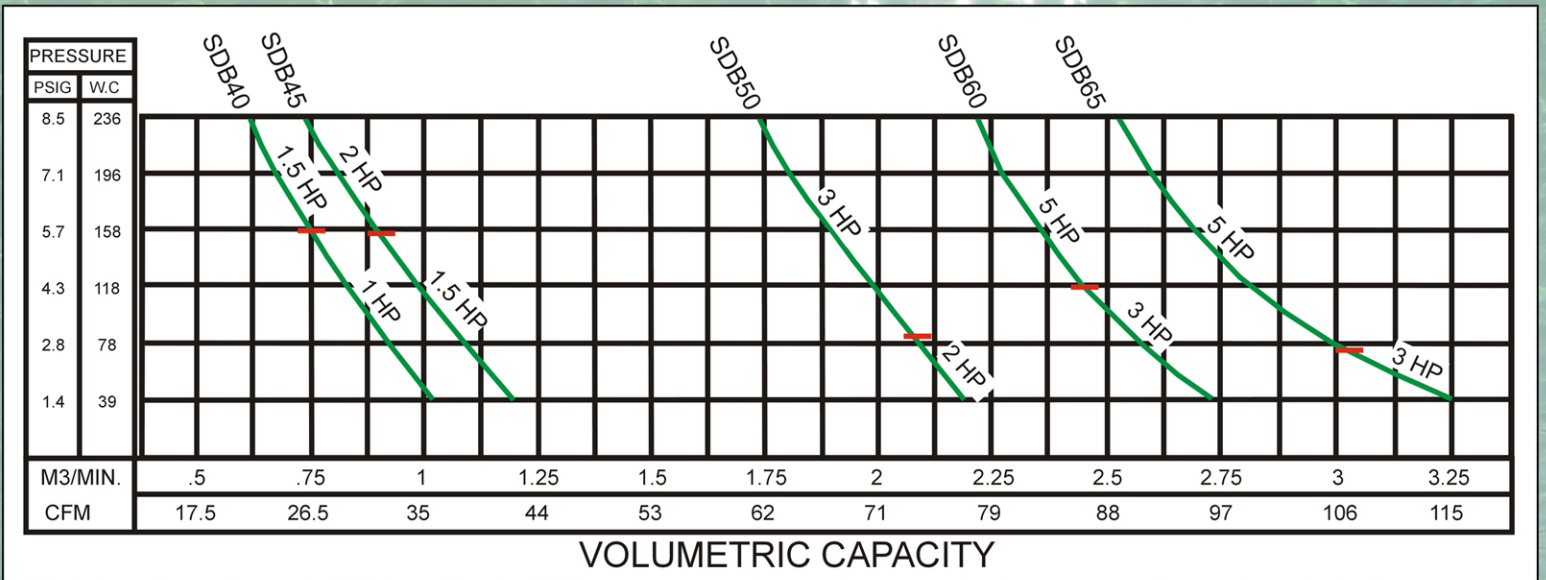
DIMENSIONS AND CONFIGURATION

DIMENSIONS - INCHES / MM					
	SdB40	SdB45	SdB50	SdB60	SdB65
A	13.6 / 345	13.6 / 345	16.5 / 420	16.9 / 428	17.7 / 450
B	23.3 / 590	23.3 / 590	26.4 / 670	27.1 / 687	28.6 / 727
C	32.7 / 830	33.3 / 845	40.9 / 1039	42.6 / 1082	41.6 / 1055
D	1-1/2" / 40	1-1/2" / 40	2" / 50	2-1/2" / 65	2-1/2" / 65

COMPONENT REFERENCE	
1	BLOWER, ROTARY LOBE
2	OIL SIGHT GLASS
3	MOTOR
4	PRESSURE GAUGE
5	PRESS. RELIEF VALVE
6	FLEXIBLE CONNECTOR
7	VIBRATION ISOLATORS
8	OUTLET CHECK VALVE

NOTE: 1) OUTLET FLANGES ARE ANSI/JIC COMPATIBLE FLANGES
2) THREADED COMPANION FLANGES CAN BE SUPPLIED AS OPTIONS

PERFORMANCE CURVES



MODEL	RPM	FREQ.	CAPACITY AND POWER CONSUMPTION AT PRESSURE – PSIG/MM W.C.												NOISE LEVEL dB
			1.4 PSIG		2.8 PSIG		4.3 PSIG		5.7 PSIG		7.1 PSIG		8.5 PSIG		
			1000 mm WC	2000 mm WC	3000 mm WC	4000 mm WC	5000 mm WC	6000 mm WC							
	HERTZ	CFM	kW	CFM	kW	CFM	kW	CFM	kW	CFM	kW	CFM	kW		
SdB40	1750	60	36	.49	33	.56	29	.65	26.5	.75	23.6	.87	21.9	1.01	58
SdB45	1750	60	42.3	.65	38.5	.83	34.6	.98	31.4	1.12	28.2	1.19	25.8	1.28	60
SdB50	1750	60	79	1.12	74	1.39	70	1.55	67	1.79	64	1.94	61	2.14	64
SdB60	1750	60	96.7	1.71	89	1.95	85	2.26	82	2.57	80	2.94	78	3.35	67
SdB65	1750	60	111.2	1.86	101	2.12	96	2.46	93	2.83	90	3.2	87	3.6	69

Note: Noise levels shown are at 4.3 PSIG, based on IEC651 testing standard (measured in the frequency range of 31.5 to 8000 Hertz).