

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

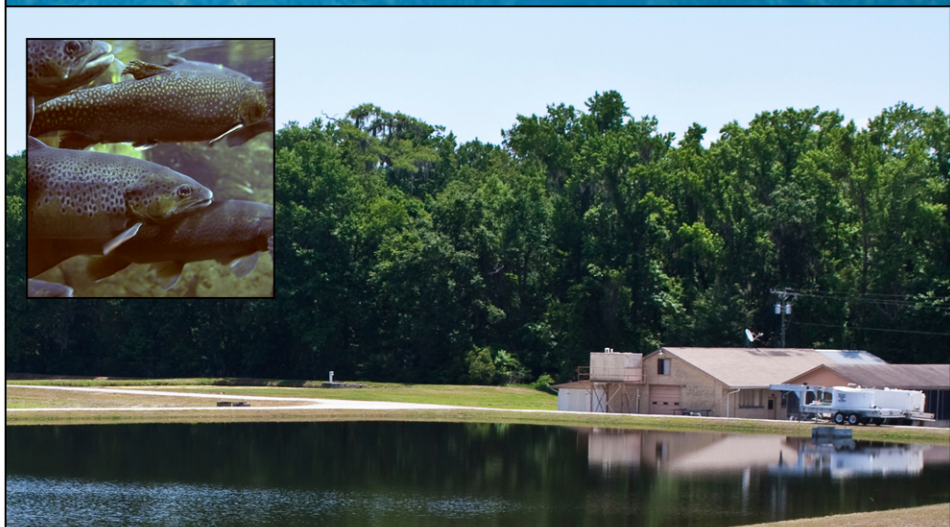
COMPONENTS INCLUDED:

- 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 155 TO 270 CFM
- HP FROM 5 TO 15
- 1750 RPM DIRECT DRIVE
- NOISE LEVELS FROM 72 TO 76 dB
- COMPETITIVELY PRICED
- 1 YEAR WARRANTY

SMALLER AND LARGER MODELS ARE ALSO AVAILABLE.
SEE BULLETINS APPL-QAF-103 AND APPL-QAF-105 FOR
INFORMATION.



- VERY QUIET -

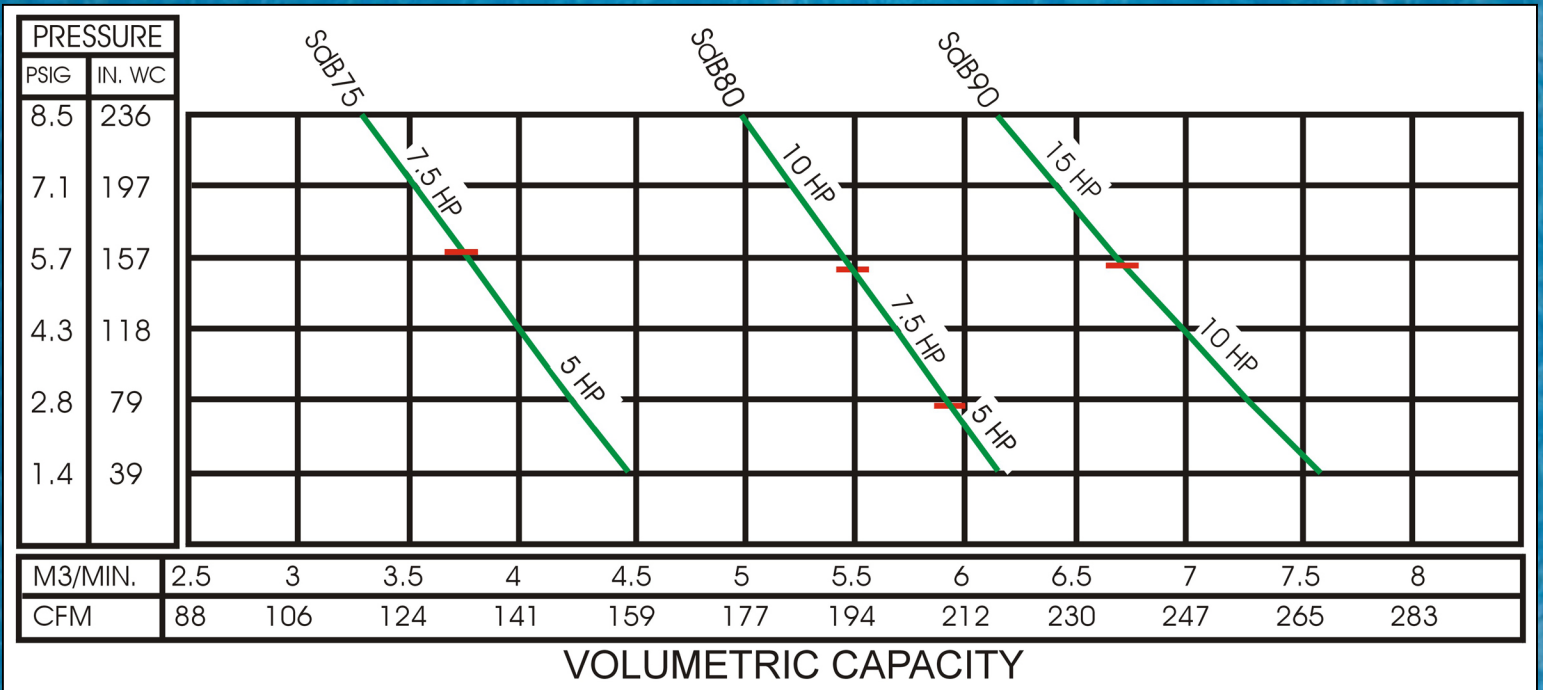
DIMENSIONS AND CONFIGURATION

DIMENSIONS - INCHES / MM			
	SdB75	SdB80	SdB90
A	18.3 / 465	18.3 / 465	21 / 533
B	32.5 / 824	32.5 / 824	34.8 / 884
C	49.2 / 1250	51 / 1295	55.5 / 1408
D	3" / 80	3" / 80	4" / 100

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 1000 mm WC		2.8 PSIG 2000 mm WC		4.3 PSIG 3000 mm WC		5.7 PSIG 4000 mm WC		7.1 PSIG 5000 mm WC			8.5 PSIG 6000 mm WC	
			CFM	kW	CFM	kW	CFM	kW	CFM	kW	CFM	kW		CFM	kW
SDB75	1750	60	152	2.47	142	2.85	137	3.28	133	3.67	125	4.26	117	4.82	72
SDB80	1750	60	202	3.13	194	3.71	187	4.7	181	5.53	175	6.3	170	6.86	74
SDB90	1750	60	270	5.69	254	6.67	240	8.29	228	9.38	218	10.1	208	11.2	76

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).