

EXAMPLE MODEL NUMBER

SSVSD-613-2-A15463-2SVB9T-AFSFD

PUMP TYPE
SSV SERIES
VERTICAL
MULTISTAGE

SKID SIZE
S-SMALL

NUMBER OF PUMPS
D-DUPLEX

MANIFOLDS

FLANGE CONNECTIONS
11-CLASS 150 SUCTION/
CLASS 150 DISCHARGE

13-CLASS 150 SUCTION/
CLASS 300 DISCHARGE

BRANCH VALVE SIZING
*** NOTE THIS DRAWING ONLY
VALID FOR 2" VALVES**

OPTIONS
EX. A - ALARM PACKAGE
FS - SUCTION FLEX CONNECTOR
FD - DISCHARGE FLEX CONNECTOR
SEE OPTION TABLE BELOW

MOTOR ENCLOSURE
T - TEFC
O - ODP

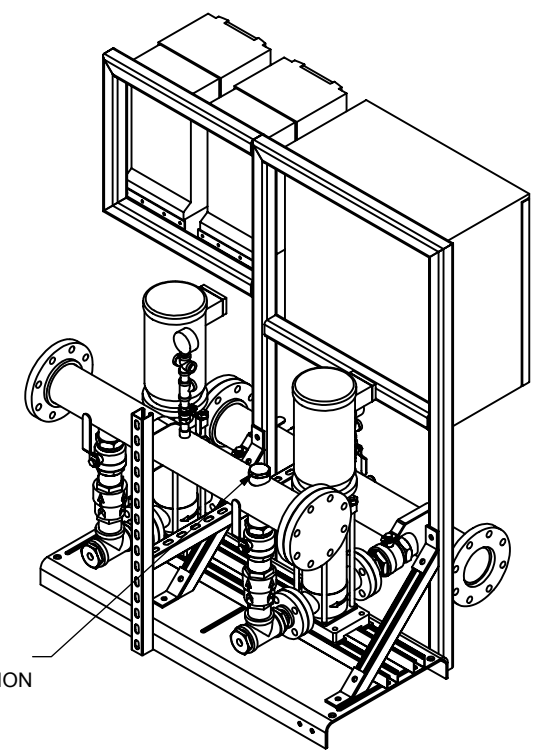
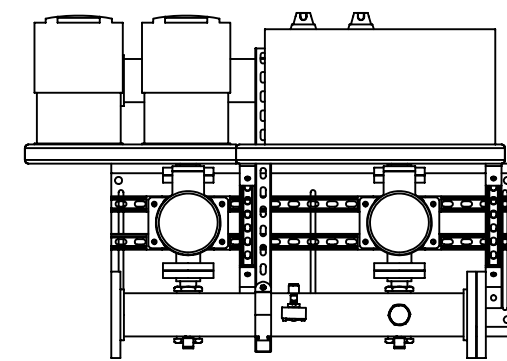
PUMP MODEL
EX. 2SVB-9
*** NOTE THIS DRAWING
IS ONLY VALID FOR
1SVB - 4 SVB PUMPS**

PHASE
1 - 1Φ
3 - 3Φ

VOLTAGE
28 - 208V
23 - 230V
46 - 460V

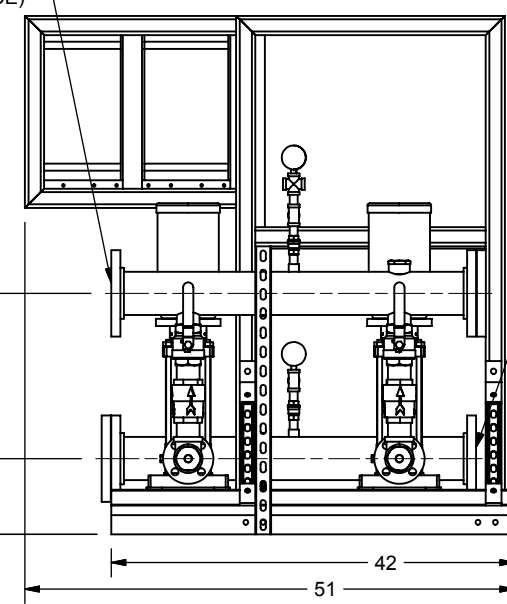
HORSPOWER

AQUAVAR CONTROLLER
B - AVII



1 1/2" NPT
TANK CONNECTION

DISCHARGE
CONNECTION
(RAISED FACE)

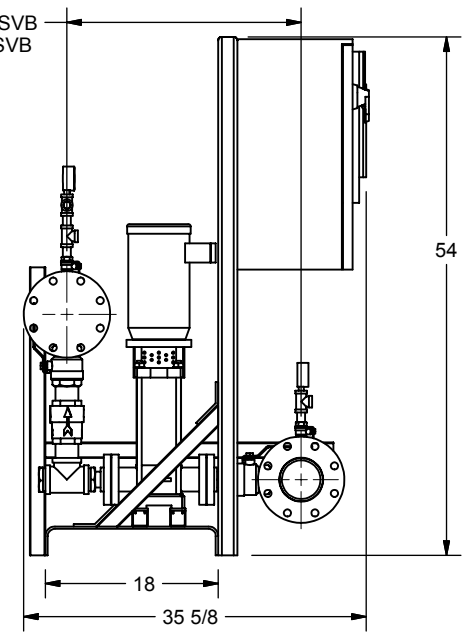


25 1/8 1SVB & 2SVB
25 3/4 3SVB & 4SVB

7 7/8 1SVB & 2SVB
8 1/2 3SVB & 4SVB

SUCTION
CONNECTION
(RAISED FACE)

24 3/8 1SVB & 2 SVB
26 3/8 3SVB & 4SVB



54

18

35 5/8

		MAX FLOWRATES (GPM)			
		VELOCITY (FT/S)			
PIPE SIZE	3	115 * 5 psi	184 * 5 psi	230 * 8 psi	300 * 10 psi
	4	198 * 5 psi	300 ** * 5 psi	--	--

* SYSTEM LOSSES
** LIMITED BY CHECK VALVES

NOTES:

1. STATION CONDITION POINT: _____ GPM @ _____ PSI
2. SUCTION PRESSURE _____ MIN _____ MAX.
3. ALLOW PRESSURE LOSSES THROUGH THE SYSTEM PER MAX FLOW CHART.
4. MANIFOLDS FLANGED BOTH ENDS TO ALLOW FOR CONNECTION TO EITHER END.
5. 48" CLEARANCE (CLEAR TO GROUND) REQUIRED IN FRONT OF CONTROL PANELS PER 2002 NEC TABLE 110-23(a) CATEGORY 3; USER ASSUMES ALL RESPONSIBILITY FOR EVALUATION OF SITE CONDITIONS IF USING CATEGORY 1 OR 2 CLEARANCES.
6. ALLOW 24" SERVICE CLEARANCE AROUND SYSTEM; ALLOW 12" ABOVE SYSTEM FOR REMOVAL OF MOTOR.
7. ALL DIMENSIONS ± 1/2".
8. DO NOT USE FOR CONSTRUCTION PURPOSES UNLESS CERTIFIED.

OPTIONS	
A	ALARM PACKAGE (RUN INDICATOR LIGHTS, PUMP FAILURE LIGHTS, ALARM HORN)
C	LIGHTNING ARRESTOR
D	SUCTION PRESSURE SWITCH
E	HIGH TEMP RELIEF VALVE ASSEMBLY
FS	FLEX CONNECTOR (SUCTION MANIFOLD CLASS 150)
FD	FLEX CONNECTOR (DISCHARGE MANIFOLD CLASS 150 OR CLASS 300)

A

REV	ZONE	ID	DESCRIPTION	REV	ZONE	ID	DESCRIPTION	REV	ZONE	ID	DESCRIPTION

UNITS: INCHES

DO NOT SCALE DRAWING

GENERAL TOLERANCES UNLESS NOTED OTHERWISE:

INCHES: X.XX .020 X.X .50 X.XXX .005 X.XX .125

MILLIMETERS: X.X .50 X.XX .125

ANGLES ALL .5

GEOMETRIC TOLERANCES IN ACCORDANCE WITH ASME Y14.5M-1994 AND APPLICABLE GOULDS STANDARDS

THIRD ANGLE PROJECTION

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PARALLELISM
PERPENDICULARITY
ANGULARITY
TRUE POSITION
TOTAL RUN OUT (TIR)
CONCENTRICITY
FLATNESS
PROFILE

PART

MODEL(S)

SIZES

DRAWN M. MARTINEZ	DATE 2/26/2003	APPROVED	DATE	ORDER
CAD AutoCAD	DRAWING VMS DUPLEX AVII SMALL	REV		
PATTERN	MATERIAL	VOLUME	SCALE 1:25	SHEET 1 of 1

Model:

Model Rev:

Release Level:

Date: