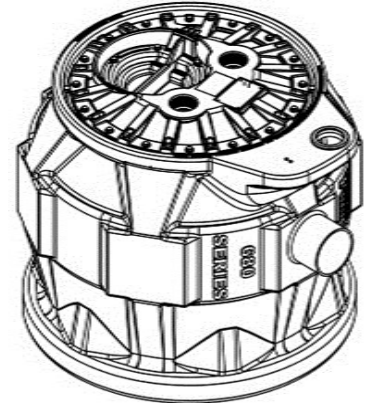
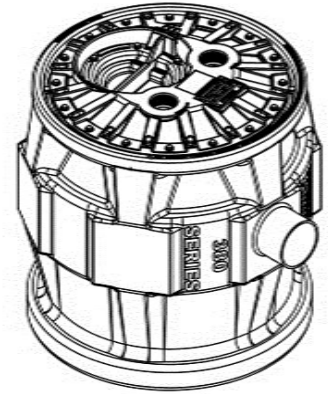


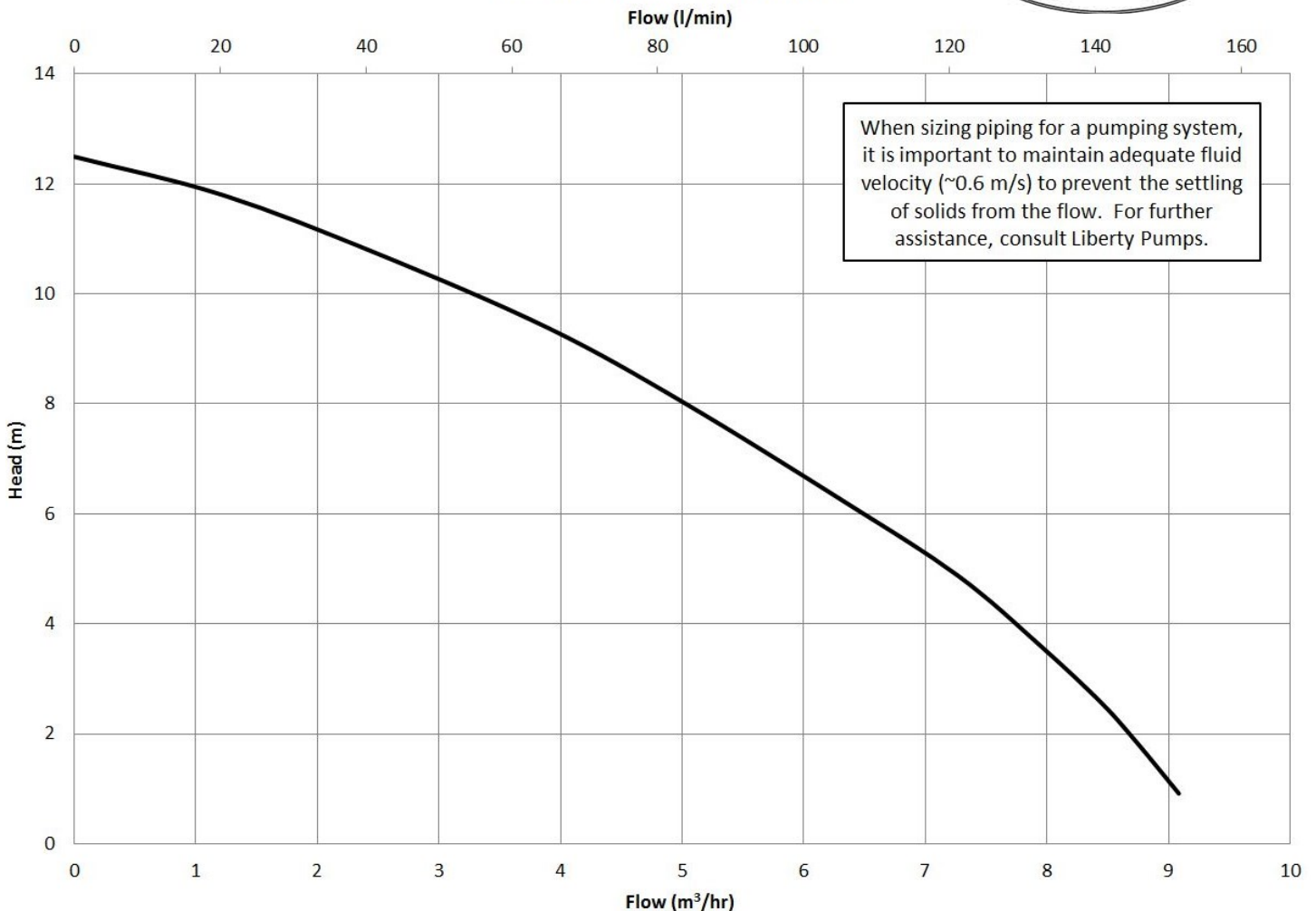


Product Specifications

ProVore® P680-E & P380-E Series Residential Grinder Packages



50 Hz Hydraulic Performance
ProVore® Residential Grinder

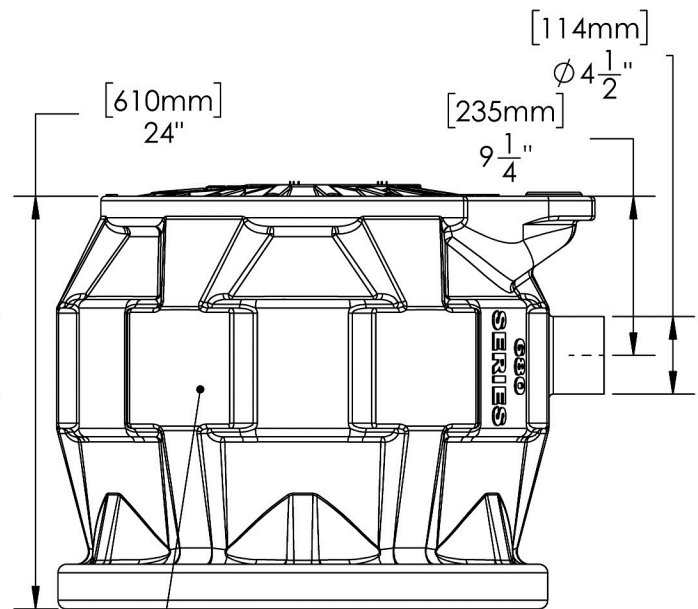
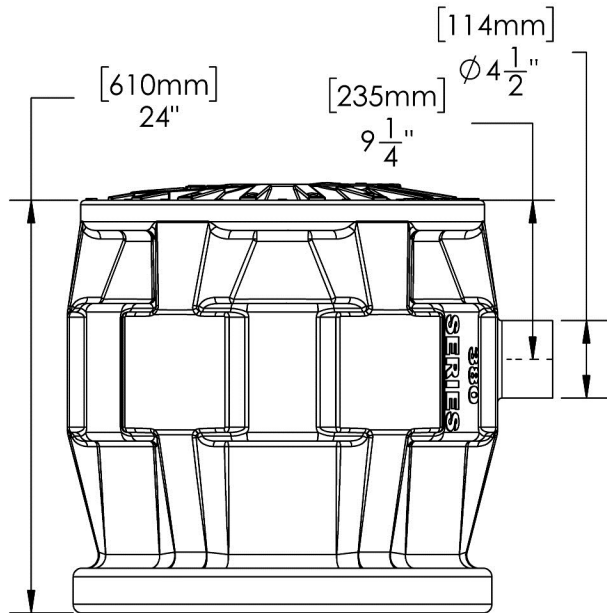
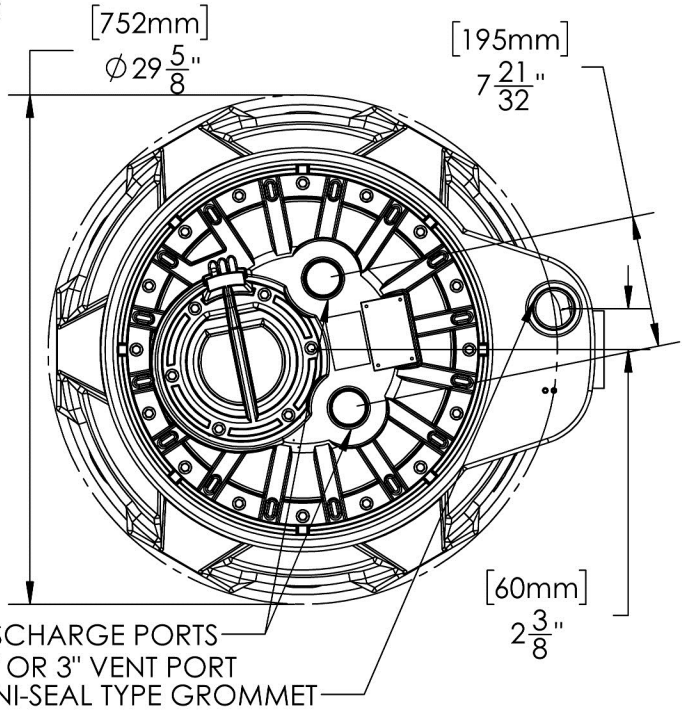
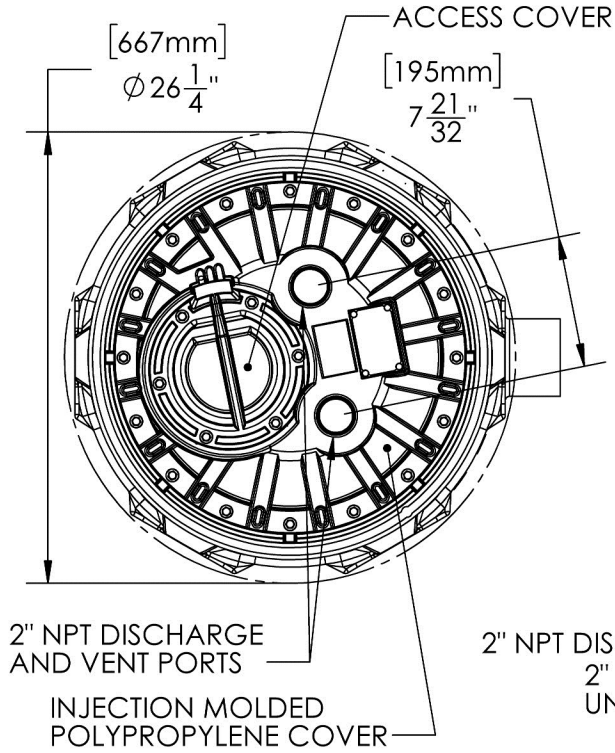


When sizing piping for a pumping system, it is important to maintain adequate fluid velocity (~0.6 m/s) to prevent the settling of solids from the flow. For further assistance, consult Liberty Pumps.



P380 SIMPLEX SYSTEM

P680 DUPLEX SYSTEM



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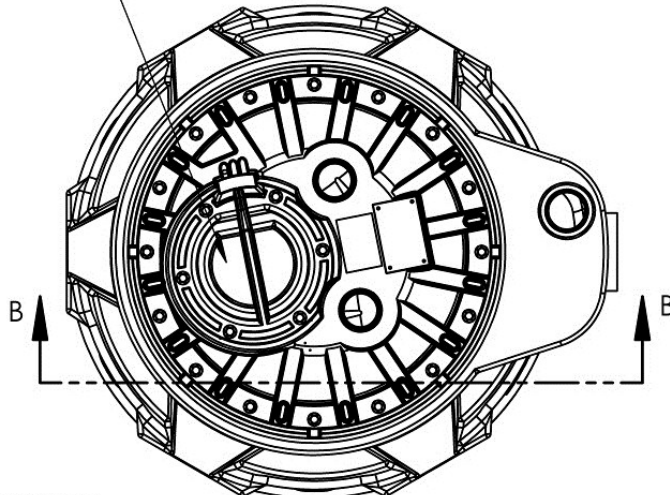
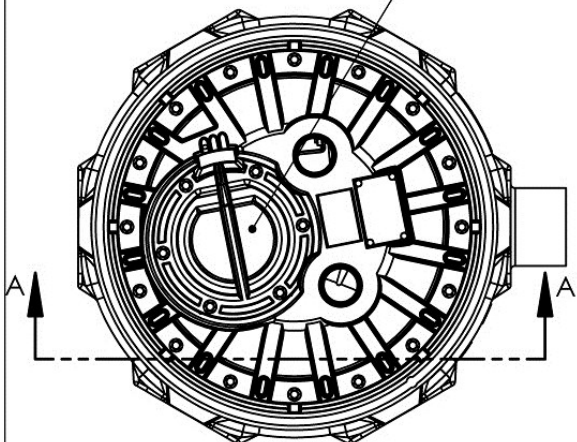
APPLICATION	DO NOT SCALE DRAWING
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P382 & P682 SERIES DIMENSIONAL			
DWG. NO.	DATE:	REV. A	
SCALE: 1:4	WEIGHT: LBS	SHEET 1 OF 1	

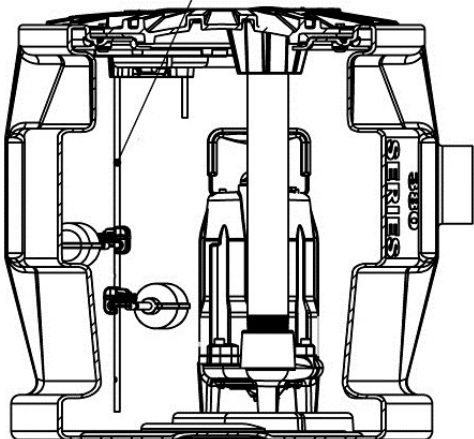
P380 SIMPLEX SYSTEM

P680 DUPLEX SYSTEM

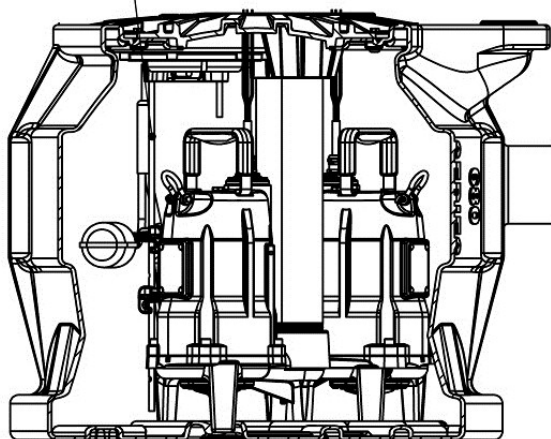
ACCESS COVER



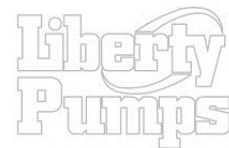
QUICKTREE FLOAT SYSTEM
ALLOWS REMOVAL OF FLOATS
WITHOUT PULLING THE PUMP



SECTION A-A



SECTION B-B



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APPLICATION	DO NOT SCALE DRAWING
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P382 & P682 SERIES DIMENSIONAL			
DWG. NO.	DATE:	REV. A	
SCALE: 1:4	WEIGHT: LBS	SHEET 1 OF 1	

ProVore® P680-E & P380-E Series Electrical Data

MODEL	kW	VOLTAGE	PHASE	FULL LOAD AMPS	LOCKED ROTOR AMPS	THERMAL OVERLOAD TEMP	STATOR WINDING CLASS	AUTOMATIC SYSTEM
P382XPRG102-3E	.75	230	1	3.4	41	105°C 221°F	B	YES
P682XPRG102-3E	.75	230	1	6.8*	41	105°C 221°F	B	YES

* The P680 panel is capable of turning both pumps on at the same time when the high water float is activated. The main supply to the panel should be sized such that it is capable of supplying the double the current of the pump's nameplate.

ProVore® P680-E & P380-E Series Technical Data

TANK	LINEAR LOW-DENSITY POLYETHYLENE
COVER	POLYPROPYLENE
GUIDE RAIL	NONE – PUMPS PULL OUT WITH COVER REMOVED
INLET HUB	100 MM (4”) INLET INCORPORATED INTO TANK
DISCHARGE PIPE	SCHEDULE 80 PVC
DISCHARGE SIZE	2” FNPT
CONTROLS	PANEL OPERATED , ALARM INCLUDED
IMPELLER	CAST IRON
SOLIDS HANDLING SIZE	GRINDER PUMP - 5 MM (.2”)
PAINT	POWDER COAT
MAX LIQUID TEMP	60°C (140°F)
THERMAL OVERLOAD	105°C (221°F)
POWER CORD TYPE	H07RN-F
MOTOR HOUSING	CAST IRON
VOLUTE	CAST IRON
SHAFT	303 STAINLESS STEEL
HARDWARE	STAINLESS STEEL
CUTTER AND CUTTER PLATE	58Rc HARDENED 440 STAINLESS STEEL
ORINGS	BUNA N
MECHANICAL SEAL	UNITIZED SILICON CARBIDE