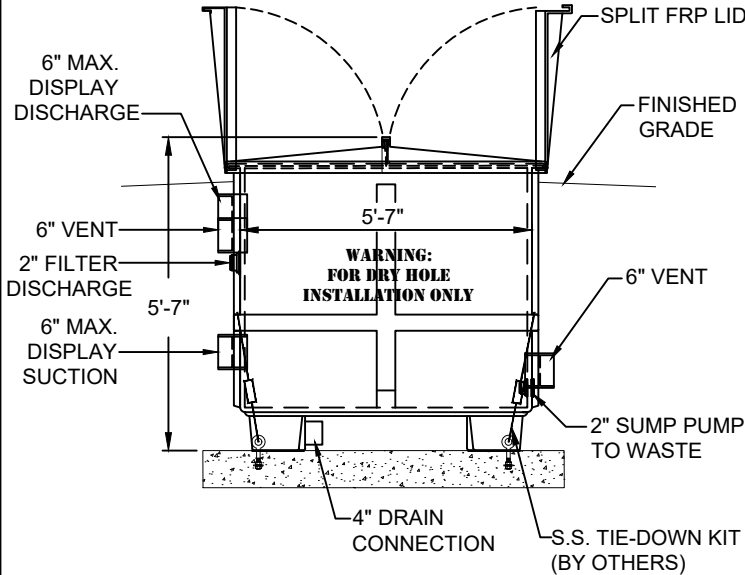


RDP-3S SERIES, DIRECT-BURIAL FIBERGLASS PUMP VAULT

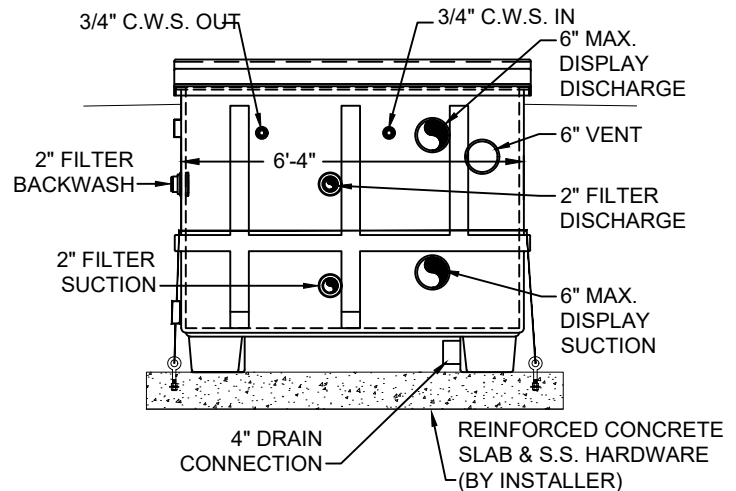


WARNING: FOR 'DRY HOLE' INSTALLATION ONLY!

NOTE : AT FLOW RATES ABOVE 400 GPM PIPE NEEDS TO BE INCREASED TO 8" IMMEDIATELY OUTSIDE OF VAULT USING CONCENTRIC AND ECCENTRIC REDUCERS ONLY (NO BUSHINGS)



SIDE ELEVATION



FRONT ELEVATION

TECHNICAL & HYDRAULIC DATA					
MODEL #	DISPLAY PUMP HP	DISPLAY PUMP FLOW RATE GPM/*FT. HD.	SAND FILTER PUMP HP	SAND FILTER CAPACITY	POWER SUPPLY SYSTEM OPTIONS
RDP-3S-300	3	175 @ 30'	1/2	1.4 S.F./35 GPM	120-240v., 1 Ø or 120-208v., 3Ø or 240 OR 408V, 3 Ø
RDP-3S-500	5	350 @ 30'	1/2	1.8 S.F./40 GPM	120-240v., 1 Ø or 120-208v., 3Ø or 240 OR 408V, 3 Ø
RDP-3S-750	7.5	475 @ 35'	3/4	2.3 S.F./50 GPM	120-208v., 3Ø or 240 OR 408V, 3 Ø
RDP-3S-1000	10	500 @ 35'	1	3.1 S.F./60 GPM	120-208v., 3Ø or 240 OR 408V, 3 Ø
RDP-3S-1500	15	780 @ 35'	1-1/2	4.9 S.F./100 GPM	120-208v., 3Ø or 240 OR 408V, 3 Ø

*HIGHER HEAD PRESSURE = LOWER GPM

SPECIFICATION DATA : 3S Series, Direct Burial Pump Vault, consisting of a 6'-4"x5'-7"x5'-7" deep heavy duty FRP vault with white gel-coat interior with brown gel-coat exterior and 6'-7" x 5'-7" hatch opening with overlapping, split fiberglass reinforced plastic lids with stainless steel piano hinge attachment & lock hardware (LOCK BY INSTALLER). Furnished with a (See Above) HP display pump with suction strainer; RWSP-Series filter pump; RSFP-Series sand filter unit; all internal required valves, pipe and fittings (Schedule 80 PVC); 549 CFM, fan-forced ventilation system; RMS-075-NS; 3/4" fill manifold assembly; RSX-033-F; 1/3 HP sump pump; stainless steel access ladder; RPCP-Series, U.L. 508 listed control panel in a NEMA 4 enclosure, containing main disconnect, motor starter(s), 7 day/24 hour timeclock(s), H.O.A. switches; and water level/low level cutoff control. Unit is pre-wired, pre-plumbed (Schedule 80 PVC) and factory tested prior to shipment.

OPTIONS: U.L. Lighting Controls, External Chemical Feeder, UV Unit, Wind Control, VFD; Consult Factory.

NOTES:

- Hatch opening must be located in flood-safe area.
- Slope finished grade away from pump module.
- Protect pump module gravity drain from backflow & gas.
- Top of pump module must be at, or below lowest pool water level.
- Vault water supply must be protected with with an approved backflow preventer (By Installer), per local code requirements.
- Due to our continuing product improvement program, Roman Fountains reserves the right to change specifications without notice.