ROMAN FOUNTAINS

RDP-250 SERIES, DIRECT BURIAL FIBERGLASS EQUIPMENT VAULT
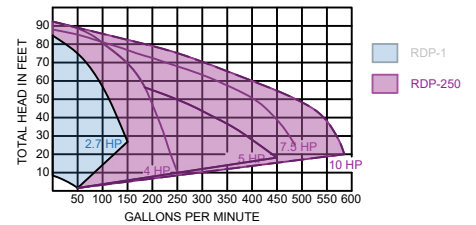
(877) 794-1802

RPVC-600 (SOLD SEPARATELY. SEE CATALOG SHEET NO. 7.301)

PUMP

6" INLET PIPING BY INSTALLER

1-1/2" SUMP DISCHARGE

3/4" C.W.S. IN FROM BACKFLOW PREVENTER (BY INSTALLER) REGULATE P.S.I. MAXIMUM

3/4" FILL MANIFOLD

100 SQ. FT. CARTRIDGE FILTER

RPVC-600 (SOLD SEPARATELY. SEE CATALOG SHEET NO. 7.301)

6" EXHAUST PIPING BY INSTALLER

PLAN (LID OPEN)

ETL
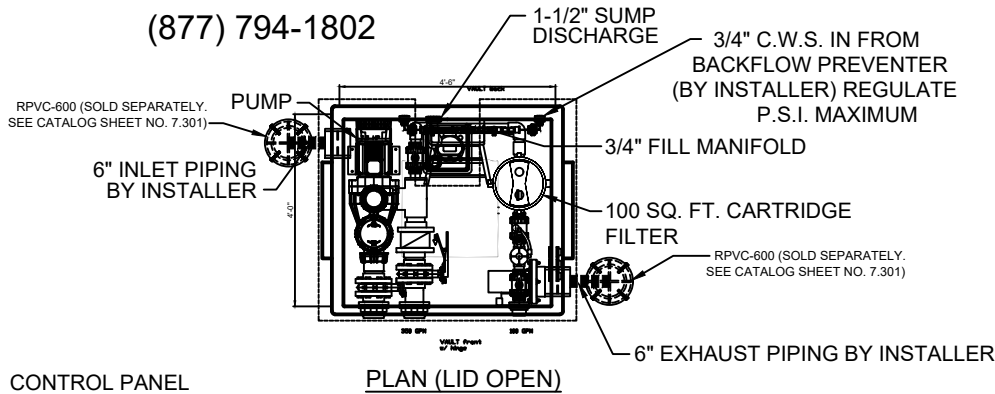
CONTROL PANEL (MOUNTED IN LID)

RPVC-600 (SOLD SEPARATELY. SEE CATALOG SHEET NO. 7.301)

FINISHED GRADE

CONDUIT CONNECTIONS

4" SUCTION

2" FILTERED DISCHARGE

4" DISPLAY DISHCHARGE
NO. OF DISCHARGES MAY VARY

REINFORCED CONCRETE SLAB & S.S. HARDWARE (BY INSTALLER)

SUMP WELL (2" DRAIN) TO WASTE

REAR ELEVATION

TOTAL HEAD IN FEET

RDP-1
RDP-250

2.7 HP   4 HP   5 HP   7.5 HP   10 HP

GALLONS PER MINUTE
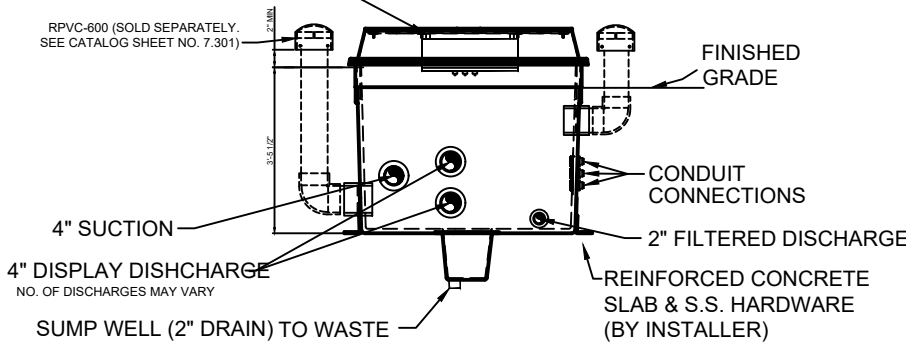
TECHNICAL DATA

MODEL #	PUMP HP	SUCT X DISP (F) SOCKET	AVAILABLE SYSTEM OPTIONS			
			POWER	FILTRATION		
RDP-250-400	4	4" X 4"	208-230V, 1Ø or 208-230/460, 3Ø	CARTRIDGE	SAND	BIO-BEAD
RDP-250-500	5	4" X 4"	208-230V, 1Ø or 208-230/460, 3Ø	CARTRIDGE	SAND	BIO-BEAD
RDP-250-750	7.5	4" X (2) 4"	208-230V, 1Ø or 208-230/460, 3Ø	CARTRIDGE	SAND	BIO-BEAD
RDP-250-1000	10	4" X (2) 4"	208-230/460, 3Ø	CARTRIDGE	SAND	BIO-BEAD

SUCTION MUST BE INCREASED TO 6" IMMEDIATELY OUTSIDE VAULT.   VFD OPTION AVAILABLE FOR ALL 3PH PUMPS

SPECIFICATION DATA: Series 250, Direct Burial Pump Vault, consisting of a 4'-0" x 4'-6" x 4'-2 3/4" deep heavy duty FRP vault with white gel-coat interior and brown gel-coat exterior, furnished with fiberglass reinforced plastic lid with stainless steel piano hinge attachment and locking device, containing a RSPP-95, self-priming display pump with integral suction strainer, Cartridge -or- Sand -or- Bio-Bead Filtration, 6" vent connections with 510 CFM vent fan, RMS-075-NS, 3/4" fill manifold assembly, 3" floor drain, U.L. 508 listed control panel in a NEMA 4 enclosure, containing; main disconnect; pump starter with circuit breaker, contactor & adjustable, solid-state overload, single-channel programmable time switch(es), for pump and lights, H.O.A. switches, plus lighting contactors (when applicable), G.F.C.I. breaker(s), and water level/low level cutoff control (when applicable). Unit is pre-wired, pre-plumbed (Schedule 80 PVC) and factory tested, prior to shipment. Optional: aluminum Diamond Plate Hatchway

NOTES: 1. Hatch opening must be located in flood-safe area.
2. Slope finished grade away from pump module.
3. Protect pump module gravity drain from back flow and sewer gas.
4. Top of pump module must be at, or below lowest pool water level.
5. Due to our continuing product improvement program, Roman Fountains reserves the right to change the specifications w/o notice.

DRAWING NO. 7.204

R2_09-18-22

www.romanfountains.com

ITEM #_____   QTY._____