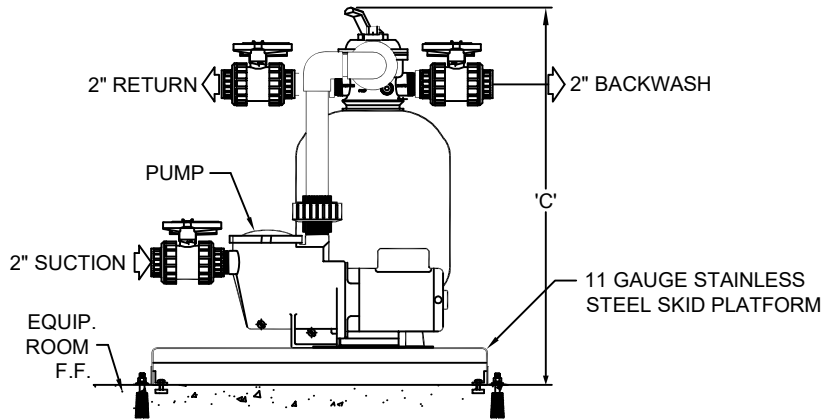
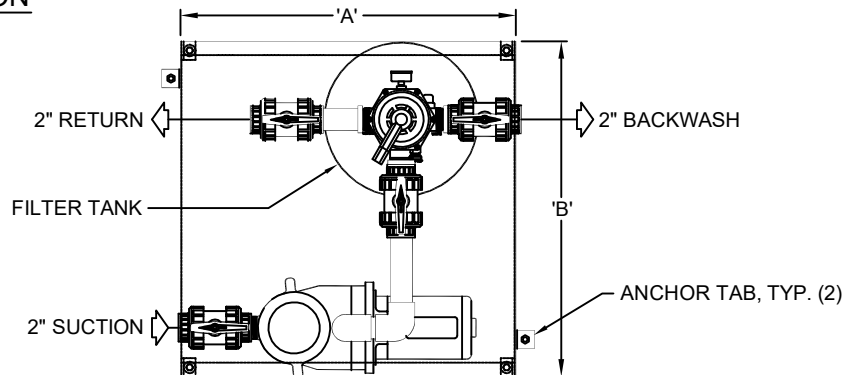


RSFS-SERIES, SKID-MOUNTED SAND FILTRATION STATION


SIDE ELEVATION


SHOWN WITH OPTIONAL CHECK VALVE


PLAN VIEW
TECHNICAL AND HYDRAULIC DATA

MODEL NO.	FILTER PUMP H.P.	MAXIMUM TANK DIAMETER	MAXIMUM FLOW RATE	TURNOVER RATE GAL./8 HR.	DIM 'A'	DIM 'B'	DIM 'C'	BACKWASH CONN.	#20 SILICA SAND REQ'D.	REQUIRED SYSTEM POWER SUPPLY FOR PUMP MOTOR
RSFS-40D	1/2	19-1/2"	40 GPM	19,200	46	40"	39-1/2"	2"	175 LBS.	120/208-240V., 1PH OR 208/240/460V., 3 PH POWER + GND
RSFS-60D	1	24-1/2"	60 GPM	28,800	46"	40"	46-1/2"	2"	325 LBS.	120/208-240V., 1PH OR 208/240/460V., 3 PH POWER + GND
RSFS-100D	2	30-1/2"	100GPM	48,200	46"	40"	51-1/2"	2"	600 LBS.	120/208-240V., 1PH OR 208/240/460V., 3 PH POWER + GND

OPTIONS : Water Treatment and motor control equipment available; consult factory.

SPECIFICATION DATA : Skid-mounted filtration system; consisting of a reinforced 11 gauge, mill finish stainless steel platform with leveling glides, measuring approximately 46" wide x 40" long. System shall include a filter pump with integral strainer; diameter high rate sand filter with multi-port dial valve and pressure gauge, and Schedule 80 PVC piping and valves, as required to meet design intent. Unit shall be factory engineered, assembled and tested prior to shipment.

Pump motor requires 120/208-240v., 1 PH. or 208/240/460V., 3 PH. power + GND.

DESIGN APPLICATION DATA : Roman Fountains RSFS-Series, Filtration Skids are designed for fountains with system capacities up to 29,700 gallons (based on 6 hr. turnover), where an equipment room exists, but a prefabricated filtration system is desired. All units are factory assembled and tested prior to shipment to jobsite, minimizing installation and maintenance costs.

NOTE : 1. Select unit based on estimated total water volume of fountain system.

2. For borderline pool capacity selections, use next largest system.

3. Due to continuing product improvement program, Roman Fountains reserve the right to change specification without notice.