

SHURflo

PUMP MANUFACTURING COMPANY, INC.
5900 KATELLA AVE.
CYPRESS, CA 90630-5009
(800) 854-3218
FAX (562) 795-7558 IND. DIV.

TECHNICAL SPECIFICATIONS:

MODEL NUMBER: 9325-X43-101 (P/N T.B.R.)

PUMP DESIGN: Positive Displacement
3 Chamber Diaphragm Pump

CAM: 3.0 Degree

MOTOR: Permanent Magnet, P/N 11-175-00
Thermally protected

VOLTAGE: 24 VDC Nominal

WATTS: 120W

AMPS: 4.0 MAX

FUSE: 7.5 AMP (Automotive)

INTERNAL BYPASS: 105-110 P.S.I. MAX (7.2-7.5 bars)

MAXIMUM LIFT: 230 ft (70 M)

MAXIMUM SUBMERSION: 100ft (30 M)

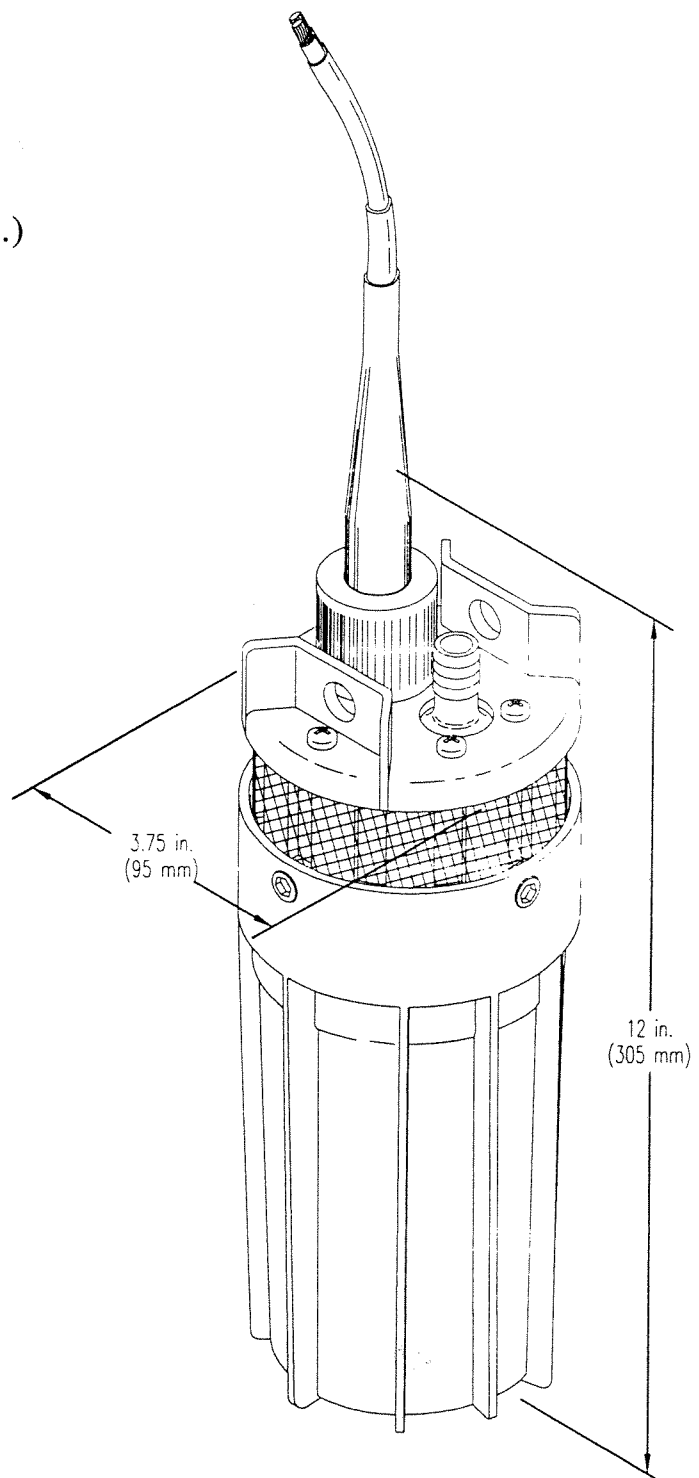
OUTLET PORT: 1/2" (12.7 mm I.D.) Barbed Fitting
for 1/2" I.D. (12.7 mm I.D.)Tubing.

INLET: 50 MESH STAINLESS STEEL SCREEN

MATERIALS: HIGH STRENGTH ENGINEERED PLASTICS
and STAINLESS STEEL FASTENERS

TYPICAL APPLICATIONS: Potable water well pump.

NET WEIGHT: 6 lbs (2.72 kg)



DIMENSIONS: Inches(Millimeters)

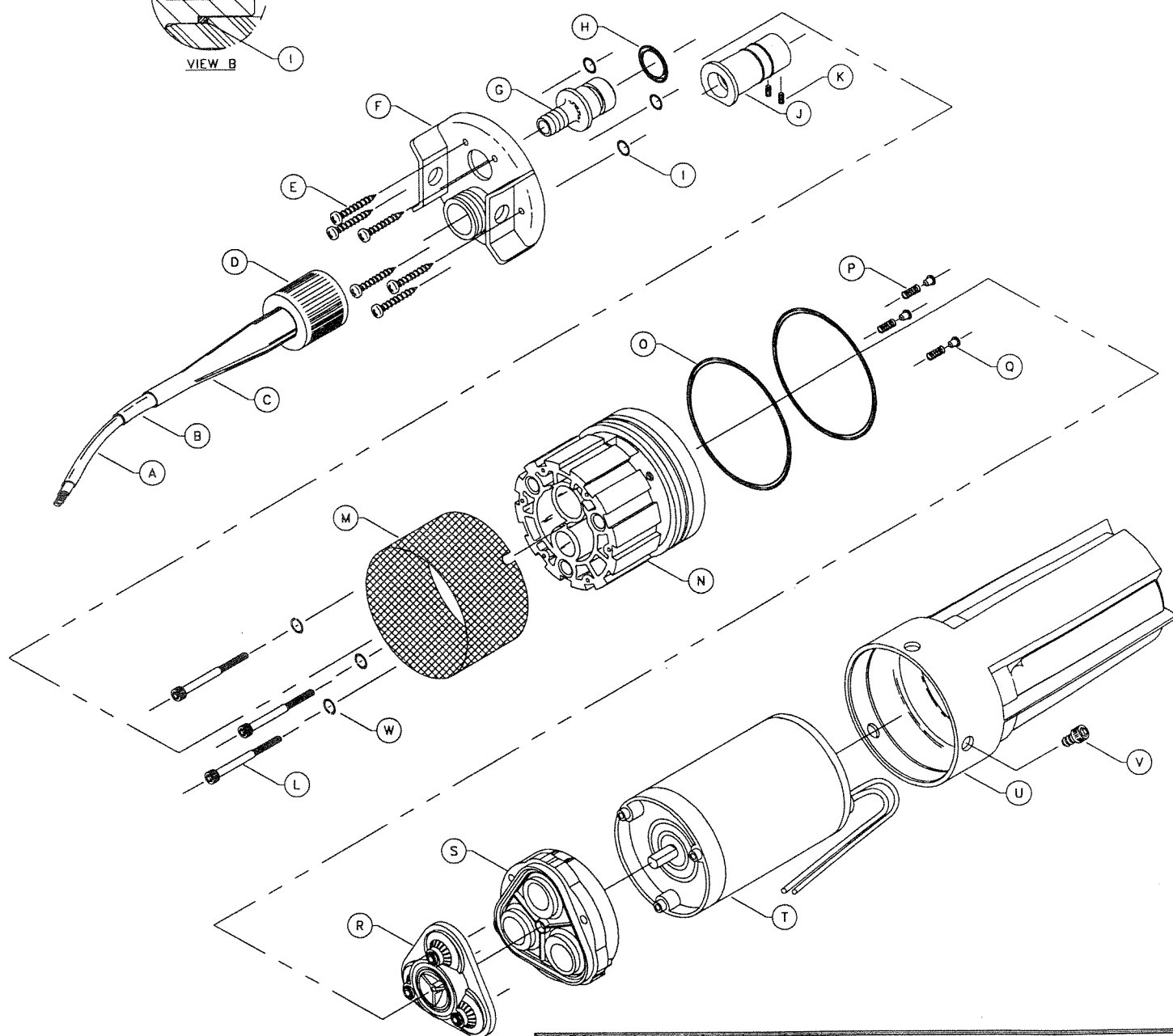
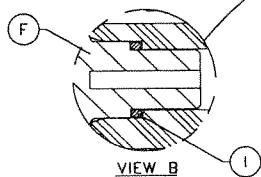
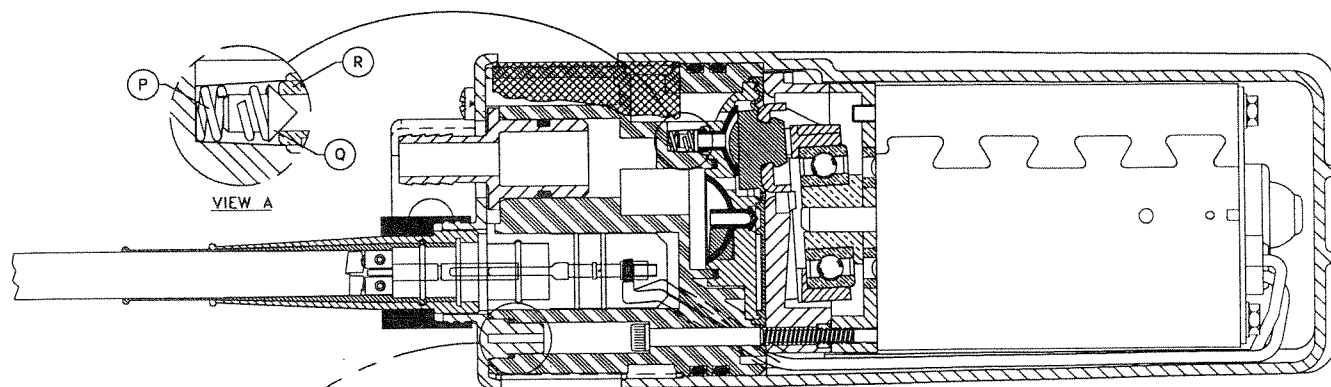
Design and specifications are subject to
change w/o notice.

12 VDC FLOW CHART

TOTAL VERTICAL LIFT		FLOW RATE PER HOUR		SOLAR ARRAY SIZE MINIMUM TOTAL POWER RATING	CURRENT AMPS
FEET	METERS	GAL	LTR	WATTS	
20	6.1	56	212	22	1.2
40	12.2	54	204	28	1.5
60	18.3	52	197	33	1.8
80	24.4	50	189	37	2.0
100	30.5	49	186	40	2.1
120	36.6	47	178	45	2.4
140	42.7	46	174	51	2.7
160	48.8	44	166	56	3.0
180	54.9	43	163	61	3.3
200	61.0	41	155	64	3.4
230	70.1	36	136	72	3.9

24 VDC FLOW CHART

TOTAL VERTICAL LIFT		FLOW RATE PER HOUR		SOLAR ARRAY SIZE MINIMUM TOTAL POWER RATING	CURRENT AMPS
FEET	METERS	GAL	LTR	WATTS	
20	6.1	117	443	58	1.5
40	12.2	114	432	65	1.7
60	18.3	109	413	78	2.1
80	24.4	106	401	89	2.4
100	30.5	103	390	99	2.6
120	36.6	101	382	104	2.8
140	42.7	99	375	115	3.1
160	48.8	98	371	123	3.3
180	54.9	93	352	135	3.6
200	61.0	91	345	141	3.8
230	70.1	82	310	155	4.1



SHURflo®

a WICOR Company

9300 SERIES
SUBMERSIBLE PUMP

PARTS LIST

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>
A	CABLE [NOT INCLUDED]	1
B	INNER CABLE BOOT	1
C	OUTER CABLE BOOT	1
-	PLUG (CABLE ADAPTER) [NOT SHOWN]	1
-	SCREW (PLUG) [NOT SHOWN]	2
D	NUT	1
E	SCREW (LIFT PLATE)	6
F	LIFT PLATE	1
G	OUTLET FITTING	1
H	O-RING (OUTLET FITTING)	1
I	O-RING (LIFT PLATE)	3
J	RECEPTACLE (CABLE ADAPTER)	1
K	SET SCREW (RECEPTACLE)	2
L	SCREW (MOTOR)	3
M	FILTER SCREEN	1
N	UPPER HOUSING	1
O	O-RING (UPPER HOUSING)	2
P	SPRING (BYPASS)	3
Q	POPPET (BYPASS)	3
R	VALVE HOUSING ASSEMBLY	1
S	LOWER HOUSING ASSEMBLY	1
T	MOTOR	1
U	CANISTER	1
V	SCREW (CANISTER)	3
W	LOCK WASHER (MOTOR SCREW)	3

REPLACEMENT PART KITS

94-135-00	LIFT PLATE *[E,F,I]
94-136-00	CABLE PLUG KIT *[B,C,D,J,K,PLUG(CABLE ADAPTER) W/ SET SCREWS]
94-137-00	VALVE ASSEMBLY KIT *[O,P,Q,R]
94-138-00	LOWER HOUSING ASSEMBLY KIT *[O,S]
94-139-00	MOTOR KIT *[O,T]
94-140-00	CANISTER KIT *[O,U,V]
94-141-00	FILTER SCREEN KIT *[M]
94-142-00	O-RING KIT *[H,I,O,O-RING(VALVE HOUSING ASSEMBLY)]
94-143-00	TOOL KIT *[5/64", 5/32" and 3/16" ALLEN WRENCHES, #1 and #2 PHILLIPS SCREWDRIVERS]

*[] DENOTES PARTS INCLUDED IN KITS.