

1-PORT HYDRAULIC POWER UNIT, Model HPU1

The **AVW 1-PORT HYDRAULIC POWER UNIT** features a gravity feed tank, with adjustable controls contained inside of tank. No dripping or leakage of fluid from controls on the floor. Fabricated from Stainless Steel.

- Heavy Duty Stainless Steel***
- Multiple Banks***
- Contained Controls***
- 1-Port***
- Clean Design***

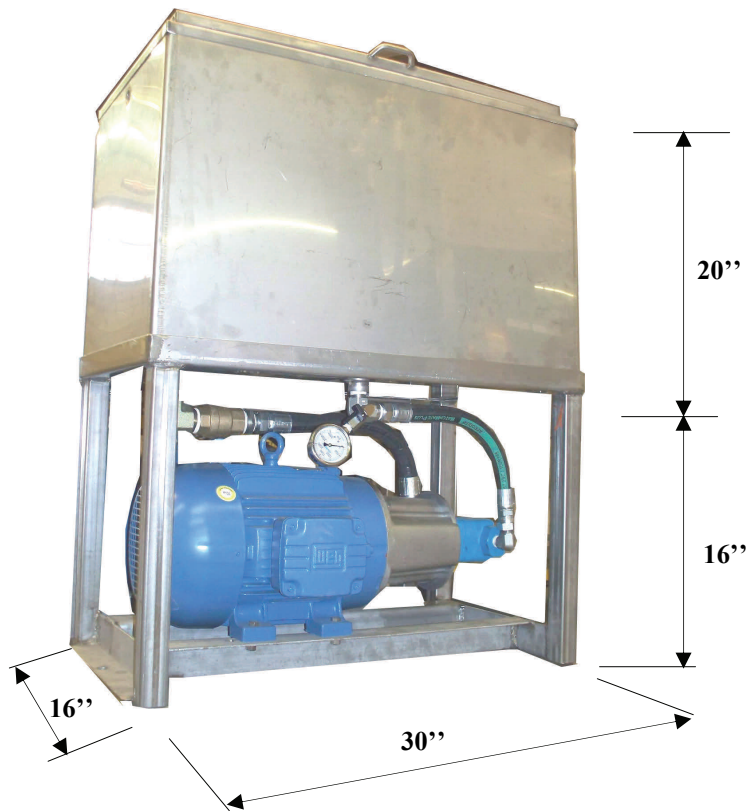
ELECTRICAL MOTOR: 7.5 HP, 1765RPM,
PUMP : 9.67 GPM max at 1760RPM
max



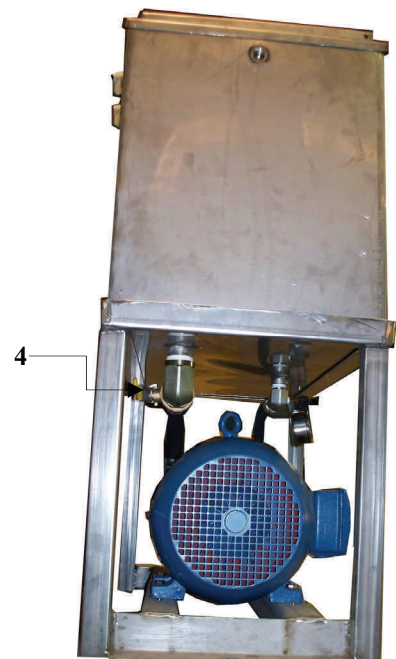
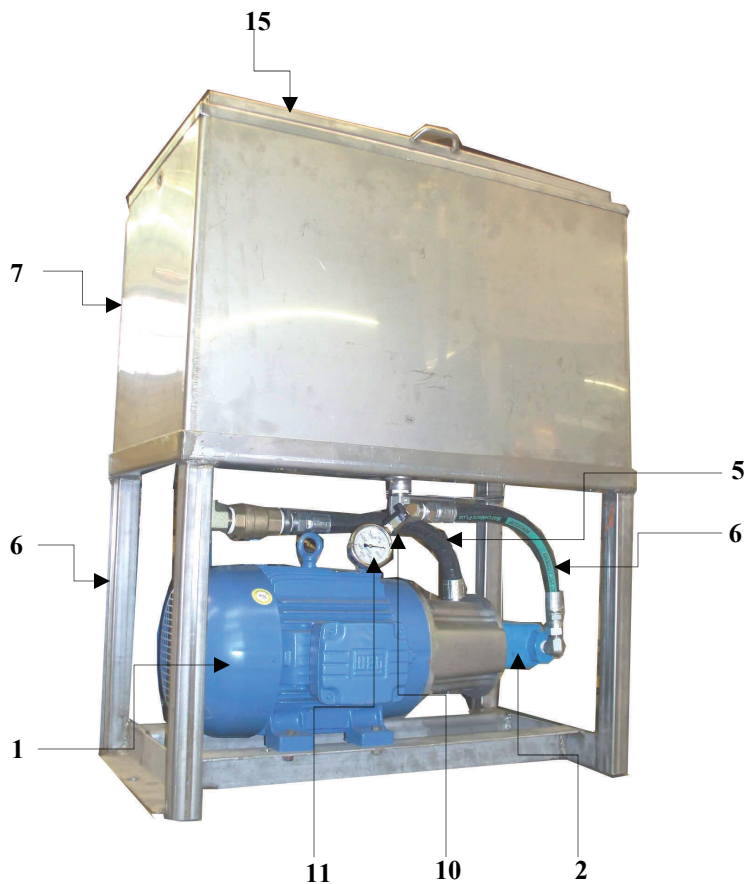
DIMENSION: 30''Wx16''Dx 36''H
TANK: 30''Wx 16''Dx 20''H



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w/SOLENOID (Optional)

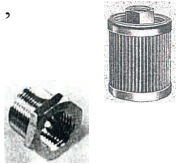


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ITEM	Description	PART No.	QTY.
1	ELECTRICAL MOTOR 7.5 HP, 1765RPM, C-Face, Frame 213TCY (Shaft Dia. 1-3/8"), TEFC Enclosure Volts 208-230/460, Amps 21-18.8/9.4 Type P, 60 Hz, 3 Phase, Power Factor 0.82 	EM07.5-1800-0807	1
2	"PARKER" GEAR PUMP displacement 1.27 [cu.in./rev.], 9.67GPM (at 1760RPM) shaft dia. $\text{\AA}7/8$ " straight -Inlet (suction) 1-5/8"-12UN-2B, SAE20, Straight Thread -Outlet (discharge) 1-1/16"-12UN-2B, SAE12, Straight Thread 	GP09-0807	1
2a	GEAR PUMP INLET ELBOW 90° 1 1/4 JIC 37° Flare x 1-5/8"-12 UN/UNF-2A ORB, Steel 	EL90STL125JIC1625ORB	1
	GEAR PUMP OUTLET ELBOW 90° 3/4 JIC 37° Flare x 1-1/16" ORB, Steel	EL90STL075JIC10625ORB	1
3	LOVEJOY - FLEXIBLE SHAFT COUPLING (motor shaft dia. 1-3/8", pump shaft dia. 7/8") w/SPIDER 	HPU1-PL (HPU1-PLM, HPU1-PLP) HPU1-SP	1 1
-	BELL HOUSING 	BH0807-F2B	1
4	BALL VALVE 1-1/4" 	BV11-4	1
5	INTAKE HOSE 3/4"I.D. x 16-1/2"LG. w/CRIMP FITTINGS, Male and Female 	HPU1-NH	1 1 1
6	DISCHARGE HOSE (PRESSURE LINE): 3/4"I.D. x 16"LG. "Aeroquip" w/CRIMP FITTINGS, (for Hoses 3/4") - Male and - Female 	HPU1-DH	1 1 2 2
7	TANK 30" LG x 16"W x 20" H - w/Two Couplings 3/4" (welded, for Radiator)	HPU1-T	1



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ITEM	Description	PART No.	QTY.
IN TANK			
8	HYDRAULIC SUCTION STRAINER , port 1½"NPT, w/Reducer Bushing 1½"NPT male x 1¼"NPT female 	SS150 RBSAE140140-24-20	1 1
10	GAUGE 0-2000PSI, FTB bottom connection ¼", liquid filled 	GP1500	1
11	- MINI BALL VALVE 1/4" NPT Male x Female ("Grainger") with 1/8"needle assembly , - M & M Rego 	NV1-4-1007	1
12	FLOW CONTROL (SPEED CONTROL) 0-8GPM, w/ports 3/8" NPT -„OUT TO TUNNEL” FITTING Elbow 90 1/2" JIC -„RETURN TO TANK” FITTING Elbow Bulkhead 1/2"JIC UHMW Spacer 1/8" 	FC08 EL90STL050JIC0375FNP UNNELBLKHDSTL050JIC HPU1DC2-3-4X112X1-8	2 2 2 2
13	LOW LEVEL SWITCH (w/Pipe 3"LG) 	LLS1-SS	1
14	STAND (Legs: sq.tub, 1-1/2" x 1-1/2" x 16"LG.) COVER (LID) - LID SPPORT	HPU1-A	1
15		HPU1-V	1
-		LS1	1
-	STAINLESS STEEL HYDRAULIC TUBE 1/2"O.D. x W.035" TP304/TP304L ASTM A269 w/tube support sleeves 1/2"JIC, 37° flare, "Aeroquip" ("Parker") - w/nuts 1/2"JIC, 37° flare, - "Aeroquip" ("Parker") - FITTINGS	- SAE 070115-8 SAE 070110-8	
16	SOLENOID 120VAC (OPTIONAL) DS018N Threaded Cartridge Valve B08-26P Body - 851004-120VAC COIL SOLENOID 24VAC (OPTIONAL) SOLENOID 220VoltsAC (OPTIONAL)	SL120	2 4 4

NOTE: Hydraulic Suction Strainer and Oil should be changed at least once a year.

