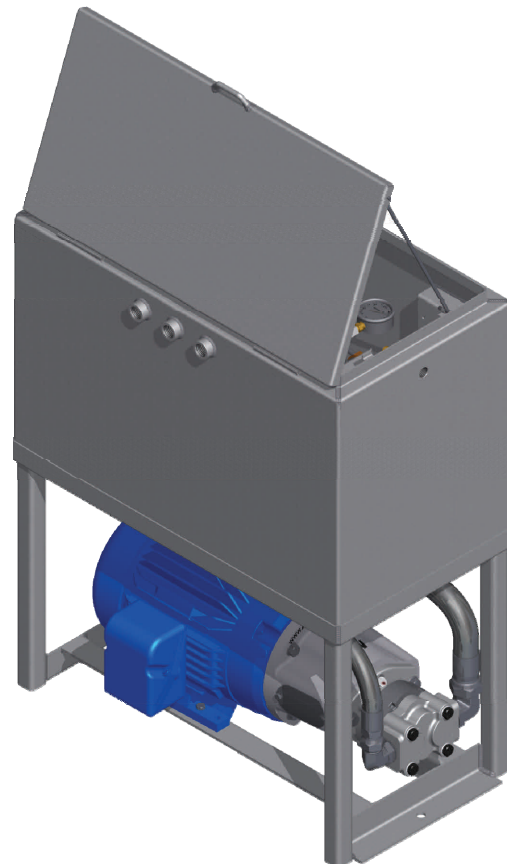
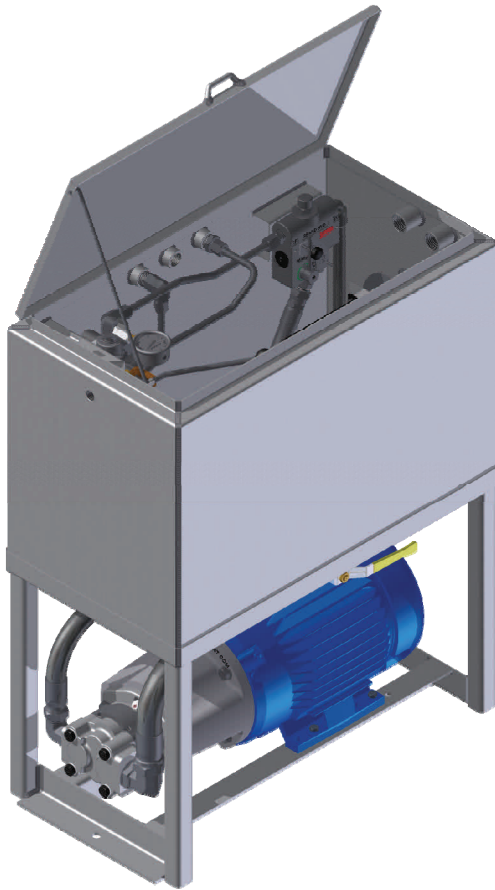


CONVEYOR POWER UNIT, Model CPU3

The **AVW Stainless Steel CONVEYOR POWER UNIT**
features a gravity feed tank
with adjustable controls inside the tank.
No drippings or leakage of fluids from controls on the floor.
Fabricated from stainless steel.

- Heavy Duty Stainless Steel*
- Contained Controls*
- Clean Design*
- Directional Valve-Forward, Neutral and Reverse*

ELECTRICAL MOTOR: 7.5HP (or 10HP), 1770 RPM
PUMP: 10GPM max

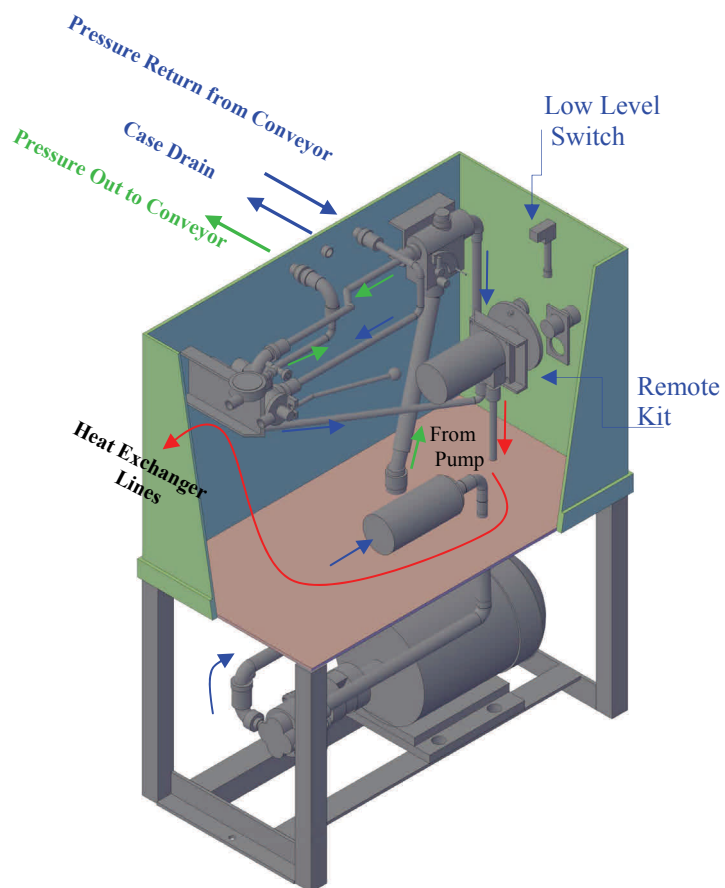
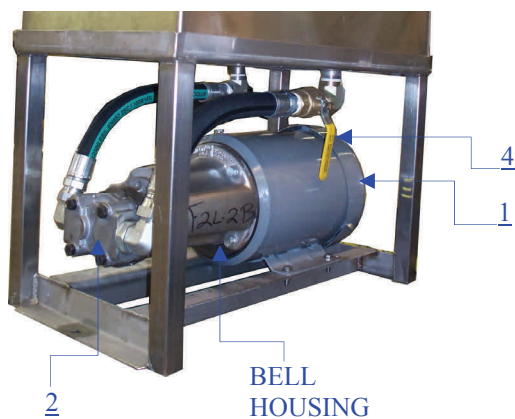
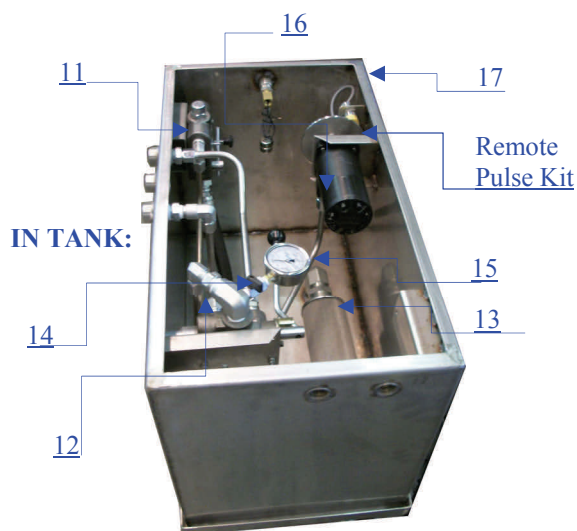
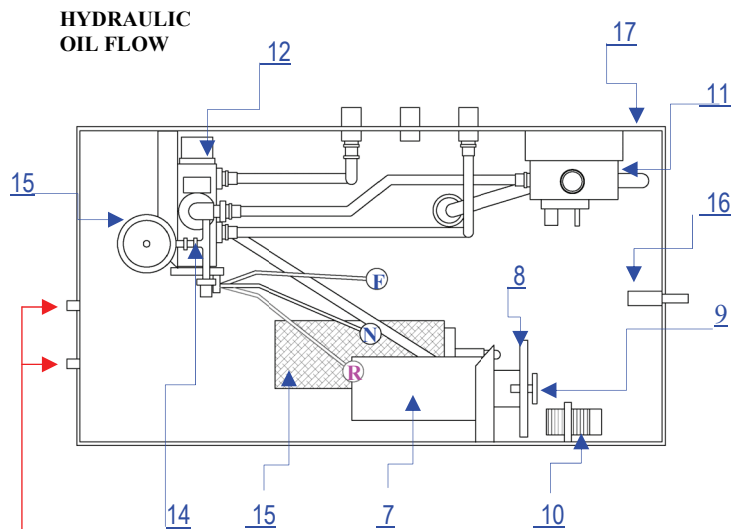
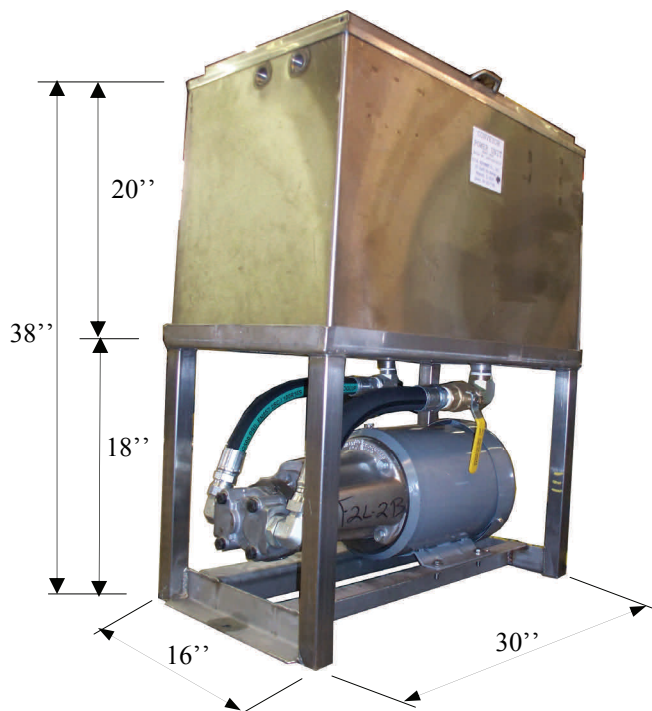


DIMENSION: 30"W x 16"D x 38"H
TANK: 30" x 16" x 20"



A.V.W. Equipment Co. Inc. 105 South 9th Avenue, Maywood, IL, 60153
Phone: 708-343-7738 Fax: 708-343-9065 email: info@avwequipment.com Website: www.avwequipment.com

CONVEYOR POWER UNIT, Model CPU3



CONVEYOR POWER UNIT, Model CPU3

ITEM	Description	PART NO.	QTY.
1	ELECTRICAL MOTOR - 7.5HP (or 10HP.), 1770 RPM, Frame 213TC C-Face, (Shaft Dia. 1-3/8"), Volts 208-230/460, Amps 21.7-19.6/9.80, 60Hz, 3Phase 	EM07.5-1800-213TC (EM10-1800-215TC)	1
2	GEAR PUMP displacement 1.27 [cu.in./rev.], 9.67GPM (at 1760RPM) shaft dia. 7/8" straight -inlet (suction) 1-5/8"-12UN-2B, SAE20, Straight Thread -outlet (discharge) 1-1/16"-12UN-2B, SAE12, Straight Thread 	GP09-P16	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	FLEXIBLE SHAFT COUPLING LOVEJOY (motor shaft dia. 1-3/8", pump shaft dia. 7/8")  w/SPIDER  	CPU1-PL (CPU1-PLM, CPU1-PLP) CPU1-SP	1 1
-	BELL HOUSING 	BH0807-F2B	1
4	BALL VALVE 3/4" 	BV3-4	1
5	INTAKE HOSE - 1 -1/4" I.D. x 16-1/2" LG. CRIMP FITTINGS Male Female	CPU2-NH-0807 1AV20MP20 1AV20FJ20	1
6	DISCHARGE HOSE (PRESSURE LINE) 1" I.D. x 17" LG. CRIMP FITTINGS Male Female	CPU2-DH-0807 1AA16MP16 1AA16FJ16	1
IN TANK- REMOTE PULSE KIT			
7	REMOTE PULSE KITE HYDRAULIC MOTOR , displacement 22.6 [cu.in./rev.] ☐ Parker ☐ Other   	CPU2R CPU2RM	1 1
8	CAM (DISK)	SB2ABDA	1
9	PROXIMITY TARGET	CN1BD	1
10	PROXIMITY SWITCH	CN1SW	1
11	FLOW CONTROL (SPEED CONTROL) Control Flow 8-16GPM, w/ports 1/2" NPT w/Hose 3/4" I.D x 9-3/4" Lg, (Hydraulic Oil Line from pump) 	CPU1-FC09	1



CONVEYOR POWER UNIT, Model CPU3

ITEM	Description	PART NO.	QTY
12	DIRECTIONAL CONTROL VALVE , flow up to 18GPM, inlet & outlet ports 3/4" NPT, work port 1/2" NPT pressure up to 3000PSI, 	CPU1-CV09	1
13	HYDRAULIC SUCTION STRAINER , port 1 1/2" NPT w/Reducer Bushing 1 1/2" NPT male x 3/4" NPT female 	SS150 SAE140140-24-12	1
14a	CONNECTOR 1/2" JIC x 3/4" NPT MALE w/HOLE	CNCTSTL050JIC075MNPT	1
14b	MINI BALL VALVE - 1/4" NPT Male x female 	NV1-4-1007	1
15	GAUGE 0-3000PSI bottom connection 1/4", liquid filled 	GP1500	1
16	LOW LEVEL SWITCH 1/4" 	LLS1-0507	1
17	TANK 30" x 66" x 20" -With 3 Couplings 3/4" (welded) for following lines: Return, Pressure Out and Case Drain -w/two Couplings 3/4" (welded to tank), for Heat Exchanger's tubing	CPU3-T	1
-	COVER (LID)	CPU2-V	1
-	LID SUPPORT	LS1	
	STAND (Legs: sq.tub. 1 1/2" x 1 1/2" x 18" lg.)	CPU2-A	1
-	HYDRAULIC INSTALLATION Stainless Steel Hydraulic Tubes 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")	RB1LDA/RB1LPA RB1LPA1X33 SAE070115-8 SAE070110-8	
	Fittings		

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

