

# MODEL G - HY-PAK

## FOUR STATION

### PRE-CONFIGURED HYDRAULIC POWER UNIT

**ALL UNITS INCLUDE THE FOLLOWING STANDARD FEATURES:**

- HEAVY DUTY DESIGN FOR 24/7 INDUSTRIAL APPLICATIONS
- PAINTED AND PRE-TESTED BEFORE SHIPMENT
- RESERVOIR W/ INTERNAL BAFFLE; CLEAN-OUT COVERS; SIGHT-GLASS W/ THERMOMETER; AND FILLER BREATHER ASSEMBLY
- LIQUID FILLED PRESSURE GAUGE W/ SHUT-OFF
- WELDED RISERS ON TANK SUCTION, RETURN FILTER, TEMP/LEVEL SWITCH; AND FILLER-BREATHER TANK PENETRATION POINTS
- SAFETY RELIEF VALVE (PRESET)
- PUMP PRESSURE COMPENSATOR CAN BE ADJUSTED TO THE MAXIMUM OPERATING PRESSURE NOTED IN THE CHART. (UNITS SHIPPED WITH COMPENSATOR SET @ 1500 PSI [103 BAR])
- DUCTILE MANIFOLD
- TEMP/LEVEL SWITCH; SPDT
- REAR MOUNTED PUMP CASE DRAIN COOLER
- TANK MOUNTED RETURN FILTER
- SPARE RETURN FILTER REPLACEMENT ELEMENT (SHIPPED LOOSE)
- SPARE RETURN W/ DOWN-PIPE (SAE -12 - PLUGGED)

**\*\*ORDER BY HYSPECO ASSEMBLY NUMBER**

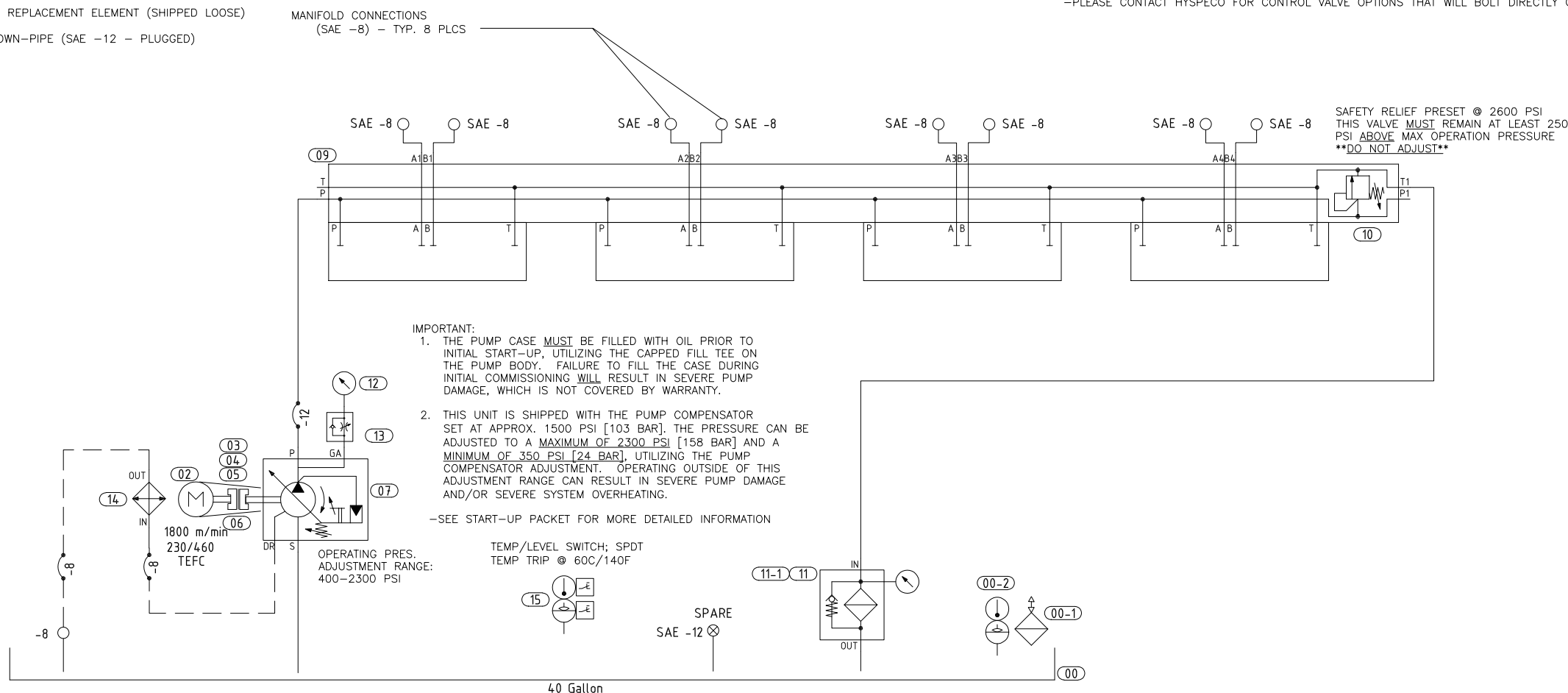
# HYSPECO MODEL G - HY-PAK HYDRAULIC POWER UNITS

**HYSPECO ASSEMBLY NUMBER	HYSPECO PART NUMBER	SERIES	RESERVOIR CAPACITY GAL [LITERS]	ELECTRIC MOTOR HP	MAX FLOW GPM [LPM] (@1800 RPM)	MAX CONTINUOUS OPERATING PRESSURE PSI [BAR]	DIRECTIONAL VALVE MOUNTING INTERFACE	VALVE MTG. THD
B20G0004	B20-D-E-G-1XX-2XX-3XX-4XX	B	40 [152]	20	13.2 [50.2]	2300 [158.6]	D05/NG10	1/4"-20 UNC

- CONTACT HYSPECO ENGINEERING FOR FLOW AND/OR OPERATING PRESSURE CAPABILITIES OUTSIDE OF THE NOTED VALUES IN THE ABOVE TABLE.
- THESE SYSTEMS ARE DESIGNED FOR OPERATION WITH STANDARD PETROLEUM/MINERAL BASE HYDRAULIC FLUIDS (SEE NOTE BELOW)
- THE SYSTEMS ARE NOT DESIGNED OR RATED FOR USE WITH WATER-GLYCOL OR HIGH WATER CONTENT FLUIDS
- MINIMUM OPERATING PRESSURE: 350 PSI [24 BAR] TO PREVENT PUMP DAMAGE, DO NOT DIVERT PUMP FLOW TO TANK (0 PSI) FOR EXTENDED PERIODS OF TIME. IF THE PUMP MUST OPERATE FOR EXTENDED PERIODS OF TIME IN A "STAND-BY" MODE, CONTACT HYSPECO ENGINEERING FOR CIRCUIT MODIFICATION REQUIREMENTS.

NOTE: ALL UNITS ARE SUPPLIED WITH COVER PLATES INSTALLED ON ALL MANIFOLD STATIONS.

- INSTALL DESIRED ISO INTERFACE VALVE CONFIGURATIONS (SOLD SEPARATELY) IN PLACE OF ANY OF THE FOUR COVER PLATES. (SEE TABLE FOR INTERFACE AND BOLT THREAD INFORMATION.)
- FOR UNUSED VALVE POSITIONS, SIMPLY LEAVE THE COVER PLATE IN PLACE.
- PLEASE CONTACT HYSPECO FOR CONTROL VALVE OPTIONS THAT WILL BOLT DIRECTLY ON MANIFOLD



+RS - DESIGNATES RECOMMENDED SPARE PART

(NOTE: IF THE UNIT IS BEING UTILIZED IN A "PROCESS-CRITICAL" APPLICATION, IT IS ALSO RECOMMENDED THAT A REPLACEMENT PUMP BE CONSIDERED AS A CRITICAL SPARE PART.)

ITEM	QTY	PART #	DESCRIPTION	MANU
00	1		40 GALLON JIC SERIES RESERVOIR W/ SIGHT GLASS AND BREATHER	
00-1	1	FB-H008W	REPLACEMENT FILLER/BREATHER	
00-2	1	SLLG-05T-C	REPLACEMENT SIGHT-GLASS ASSEMBLY	
02	1	-	20HP 1800RPM 230/460//380VAC 3PH 60/50HZ IC411 TEFC 256TC ELECTRIC MOTOR	WEG
03	1	M30012012DSS	MOTOR COUPLING; 1-5/8" X 3/8"KW	MAGNALOY
04	1	M30010008DSS	PUMP COUPLING; 1" X 1/4"KW	MAGNALOY
+RS 05	1	M370H5	INSERT; HYTREL	MAGNALOY
06	1		MOTOR/PUMP ADAPTER	
+RS (OPTIONAL) 07	1	PD028PS02SR5BAM0R1200000 (05E-01931-5)	PISTON PUMP; (1.71 CIR)	PARKER
09	1		D05 DUCTILE 4-STA. PARALLEL MANIFOLD W/ C10-2 RELIEF CAVITY	
+RS 10	1	RAH101S50	RELIEF VALVE CARTRIDGE; 200-5000 PSI; C10-2	PARKER
11	1		TANK MOUNTED RETURN FILTER W/ VISUAL FILTER INDICATOR	
+RS 11-1	1	946855Q	REPLACEMENT FILTER ELEMENT	PARKER
12	1		0-5000 PSI LIQUID FILLED PRESSURE GAUGE	
13	1		GAUGE SHUT-OFF W/ INTEGRAL SNUBBER	
14	1		REAR MOUNT CASE DRAIN OIL COOLER	
15	1		TEMP/LEVEL SWITCH; SPDT; TEMP TRIP @ 60C/140F	

RECOMMENDED FLUID TYPE: HIGH QUALITY PETROLEUM BASE HYDRAULIC FLUID, WITH A GOOD ANTI-WEAR ADDITIVE PACKAGE (ISO 46 OR ISO 68)

- EXAMPLE FLUIDS:
- PARKER DuraClean™
  - MOBIL DTE 25 OR DTE 26
  - TEXACO RANDO HD46 OR HD68
  - SHELL TELLUS 46 OR 68

SYM	DATE	CHANGE	BY
1	02.16.2024	ADDED 1800 RPM NOTATION TO FLOW RATING COLUMN	GWM
REVISIONS			

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HYSPECO, INC.  
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TITLE

MODEL G FOUR STA. HPU  
HYDRAULIC SCHEMATIC

DATE	SCALE	REVISION
02.05.2024	NONE	1
DRAWN BY	SHEET	DRAWING No.
GWM	1 OF 1	
CHECKED BY		B20G0004
APPROVED BY		