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
A10G0004	A10–D–E–G–1XX–2XX–3XX–4XX	A	30 [114]	10	8.5 [32.3]	1800 [124.1]	D03/NG6	10–24 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

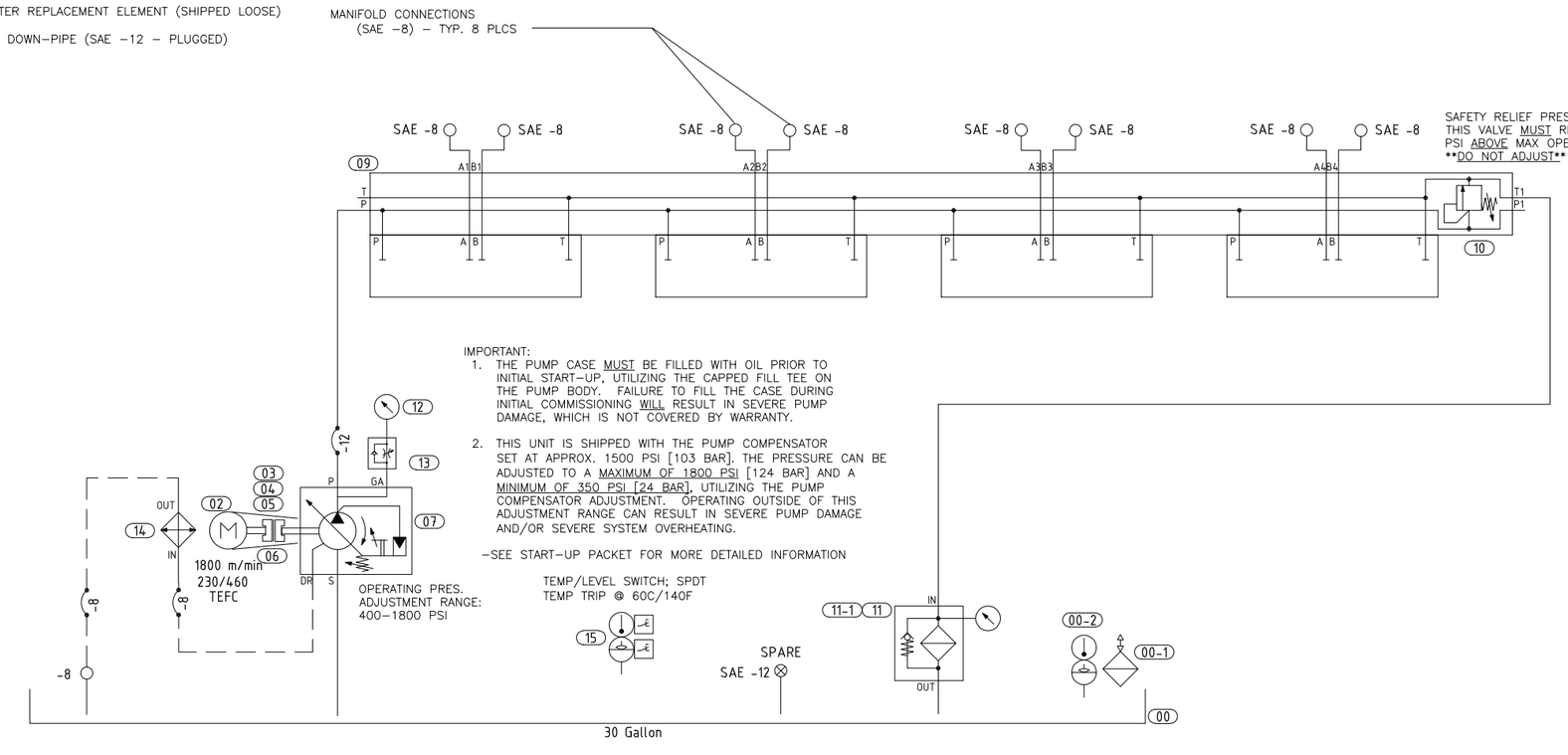
–MINIMUM OPERATING PRESSURE: 350 PSI [24 BAR] TO PREVENT PUMP DAMAGE, DO NOT DIVERT PUMP FLOW TO TANK (0 PSI) FOR EXTENDED PERIODS OF TIME. IF THE PUMP MUST OPERATE FOR EXTENDED PERIODS OF TIME IN A "STAND–BY" MODE, CONTACT HYSPECO ENGINEERING FOR CIRCUIT MODIFICATION REQUIREMENTS.

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		30 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	–	10HP 1800RPM 230/460//380VAC 3PH 60/50HZ IC411 TEFC 215TC ELECTRIC MOTOR	WEG
	03	1	M20011210DSS	MOTOR COUPLING; 1–3/8" X 5/16"KW	MAGNALOY
	04	1	M20002406DSS	PUMP COUPLING; 3/4" X 3/16"KW	MAGNALOY
+RS	05	1	M270H5	INSERT; HYTREL	MAGNALOY
	06	1		MOTOR/PUMP ADAPTER	
+RS (OPTIONAL)	07	1	PD018PS02SRS5BAM0R1200000 (05E–01004–5)	PISTON PUMP; (1.10 CIR)	PARKER
	09	1		D03 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
4			
3			
2			
1	02.16.2024	ADDED 1800 RPM NOTATION TO FLOW RATING COLUMN	GWM

REVISIONS

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HYSPECO, INC.
(800) 234–1041

TITLE
MODEL G FOUR STA. HPU
HYDRAULIC SCHEMATIC

DATE	02.05.2024
DRAWN BY	GWM
CHECKED BY	
APPROVED BY	
SCALE	NONE
REVISION	1
SHEET	1 OF 1
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DRAWING No.	A10G0004