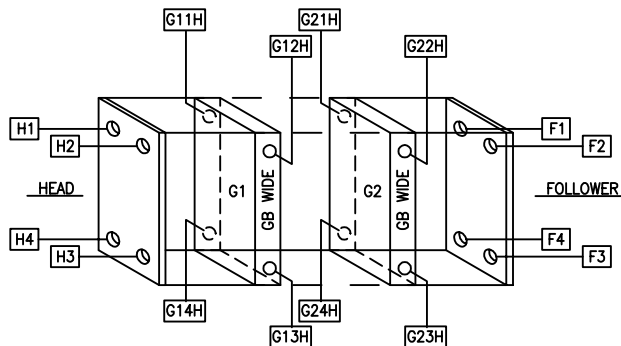
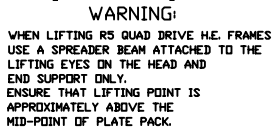






1. THE INSTALLATION, OPERATION AND MAINTENANCE OF THIS HEAT EXCHANGER SHALL BE IN ACCORDANCE WITH THE APV MODEL R5 QUAD-DRIVE HEAT EXCHANGER INSTALLATION MANUAL.
2. THIS MODEL HEAT EXCHANGER IS TIGHTENED USING A HYDRAULIC END SUPPORT, POWERED BY A 5 HP 460V THREE PHASE 60 HZ. ELECTRIC MOTOR WHICH IS PREWIRED TO AN INTEGRAL CONTROL PANEL. THE ELECTRICAL SCHEMATIC WITH THE NECESSARY FUSES AND OVERLOADS ARE SHOWN IN THE INSTRUCTION MANUAL SUPPLIED.  
  
**CAUTION:** A QUALIFIED ELECTRICIAN SHOULD COMPLETE THE ELECTRICAL HOOKUP. CLEAN AND LUBRICATE TIGHTENING SCREW THREADS BEFORE OPENING AND CLOSING. YOU MUST USE THE FOLLOWING: ROCOL A.S.P. OR NEVER-SEIZ BLACK MOLY LUBE. DO NOT USE COMMON GREASE.  
  
THE PLATE PACK IS TO BE TIGHTENED IN ACCORDANCE WITH THE INSTRUCTION MANUAL SUPPLIED. DO NOT TIGHTEN BELOW THE MINIMUM DIMENSION SHOWN.
3. **WARNING:** POWER SOURCES MUST BE LOCKED OUT BEFORE SERVICING THIS EQUIPMENT.
4. THE CUSTOMER IS RESPONSIBLE FOR:
  - PROVIDING A PROPER SIZE CONNECTION WITH OVER CURRENT PROTECTION. THE DISCONNECT MUST HAVE A RATING SUFFICIENT FOR THE SYSTEM VOLTAGE AND CURRENT AVAILABLE. REFER TO THE NATIONAL ELECTRIC CODE OR STATE AND LOCAL CODES FOR FURTHER DETAILS.
  - PROVIDING A GROUND CONNECTION FOR THIS EQUIPMENT PER THE APPLICABLE CODES.
  - PROVIDING PROTECTION AGAINST START UP OR OPERATING PRESSURES EXCEEDING THE MAXIMUM ALLOWABLE WORKING PRESSURE.
  - PROVIDING PIPING TO THE FOLLOWER OR CONNECTOR GRIDS THAT ALLOWS FOR FREE MOVEMENT WHEN THE UNIT IS OPENED FOR SERVICE AND PROVIDES FLEXIBILITY FOR THE VARIATION OF THE COMPRESSED PLATAGE DIMENSIONS.
5. DIMENSIONS ARE SHOWN IN INCHES. DIMENSIONS IN BRACKETS [ ] ARE IN MILLIMETERS.
6. STANDARD TOLERANCES:  
FRAME BALL FEET LOCATIONS:  $\pm 1/4$  INCH [ $\pm 6$ mm]  
NOZZLE CENTERLINE AND FACE DIMENSIONS:  $\pm 1/8$  INCH [ $\pm 3$ mm]
7. INSTALLATION OF GRID(S) WILL REDUCE PLATE CAPACITY BY:  
67mm NARROW = 11 PLATES, 105mm WIDE = 17 PLATES  
149mm WIDE = 21 PLATES.

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