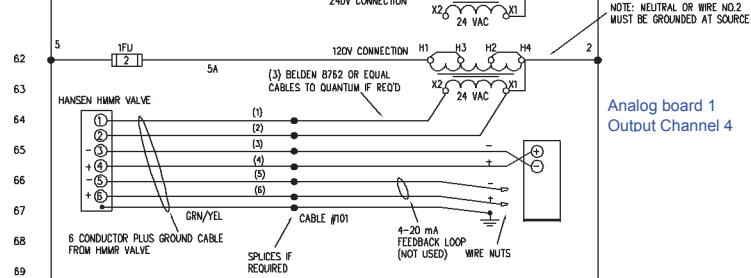


**Setup Procedure**  
 Quantum HD Unity Liquid Injection with Hansen motorized valve.  
 EZ Cool LIOC is used to control the compressor discharge temperature and subsequently the oil and oil separator temperatures.

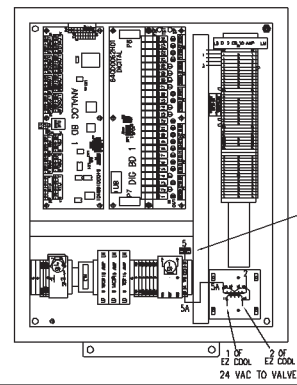
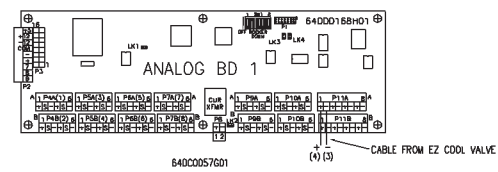
- Log into the Quantum HD Unity as a Service User.
- Go to Menu>Package>Liquid Injection LIOC.
- Enable Liquid Injection Oil Cooling.
- Set the Valve Type setpoint to Analog Modulating.
- Set the ON & OFF Solenoid Control setpoints for your application. Default setpoints are On 122°F, Off 121°F.
- Set the EZ Cool PI Control setpoints for your application. Default setpoints are Control Setpoint 160°F, PB 25°F, IT 30 Sec, High Limit 100%, Low Limit 0%, I/O Board 1, I/O Output Channel 4, Port Multiplier 1, Analog board 1, I/O Output Channel 4, Port Multiplier 1
- Adjustments may be needed to these setpoints for your application.
- Calibrate the analog output channel for the 4-20 mA signal. Refer to the Quantum HD Unity Operation manual for calibration instructions.

**120/240 VAC 75 W transformer  
639A0130H02**



Analog board 1  
Output Channel 4

**WIRING NOTES:**  
 THE CABLE FROM THE MOTORIZED VALVE IS (7) SEVEN CONDUCTORS NUMBERED AS SHOWN ABOVE. IF HMVR CABLE IS NOT LONG ENOUGH TO REACH QUANTUM, A SPLICE BOX WILL NEED TO BE INSTALLED TO SPLICE ADDITIONAL CABLE TO REACH THE QUANTUM. USE 3 SEPARATE CABLES OR A SIX CONDUCTOR CABLE WITH DRAIN WIRE.



IFU FUSE REPLACEMENT  
 TYPE 255-002 (5 X 20)  
 25 AMP  
 250 VOLT AC  
 (FRICK P/N 3330001672)

INSTALL IFU REPLACEMENT LABEL  
 IF LARGE INFO FUSE AND  
 TERM TORQ LABEL IS NOT ON DOOR

PURCHASER		NOTICE TO PURCHASER REFER TO CONTRACT FOR MATERIAL TO BE SUPPLIED BY FRICK COMPANY. THE AMOUNT OF SUCH MATERIAL IS NOT INCREASED BY ANYTHING SHOWN UPON THIS DRAWING.	
FRICK ORD NO		PURCH ORD NO	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE		YORK Refrigeration YORK INTERNATIONAL York International Refrigeration - Frick Waynesboro, PA 17268	
UNLESS OTHERWISE SPECIFIED TOLERANCES PER QAP 18		TITLE WIRING DIAGRAM & CONTROL ASSEM	
DEC 2PL ±	DEC 3PL ±	ANGLE ±	
DR HG NOWELL	11-07-03	SIZE B	CAGE CODE 23587
CHK DE LEHMAN	11-07-03	DWG NO 649B0919	REV J
APPD DE LEHMAN	11-07-03	SCALE	SHEET 1 OF 1