

LEGEND

- DH - DEHUM RELAY
- F - FUSE
- HM - HOUR METER
- PM - PHASE MONITOR
- R - RELAY
- SW - SWITCH
- TM - TIMER

WIRING NOTES

THREE PHASE 208/240V	THREE PHASE 480/600V	SINGLE PHASE 208/240V	120VAC	24VAC
PHASE A BLACK	PHASE A BROWN	LINE 1 BLACK	BLACK	RED
PHASE B RED	PHASE B ORANGE	LINE 2 RED	RED	
PHASE C BLUE	PHASE C YELLOW	NEUTRAL WHITE	WHITE	BROWN
NEUTRAL WHITE	NEUTRAL GRAY	NEUTRAL 24VDC	WHITE	
GROUND GREEN	GROUND GREEN	POSITIVE DARK BLUE		
		NEGATIVE GREY		

INTRINSICALLY SAFE WIRING SHALL BE LIGHT BLUE 18AWG AND MUST BE SEPARATED FROM ALL OTHER WIRING BY A MINIMUM OF 2". IF CABLE IS USED THE CABLE MUST BE SHIELDED WITH THE SHIELD GROUNDED AT A MINIMUM OF ONE END.
IF VAC WIRING GAUGE IS NOT SPECIFIED USE 18 AWG
IF VDC WIRING GAUGE IS NOT SPECIFIED USE 18 AWG

REV#	DATE	DESIGNER	DESCRIPTION
0	12/07/2017	J.OMALLEY	ISSUED FOR CONSTRUCTION
1	03/28/2018	J.OMALLEY	AS BUILT



THIS DRAWING AND THE INFORMATION HEREIN CONTAINED ARE THE PROPERTY OF CUSTOM AIR PRODUCTS, WHICH HAS FURNISHED THEM IN CONFIDENCE UPON THE UNDERSTANDING AND CONDITION THAT ALL PERSONS, FIRMS OR CORPORATIONS RECEIVING SUCH DRAWINGS AND INFORMATION SHALL BY THE ACT OF RECEIVING THEM BE DEEMED TO HAVE AGREED TO MAKE NO COPY, DUPLICATION, DISCLOSURE OR USE WHATSOEVER OF ALL OR ANY PART THEREOF EXCEPT AS EXPRESSLY AUTHORIZED IN WRITING BY CUSTOM AIR PRODUCTS. NOT TO GIVE, LEND OR OTHERWISE DISPOSE OF THIS DRAWING; AND TO RETURN THIS DRAWING PROMPTLY UPON REQUEST.

CERTIFIED AS-BUILT

CHECKER: _____ DATE: _____

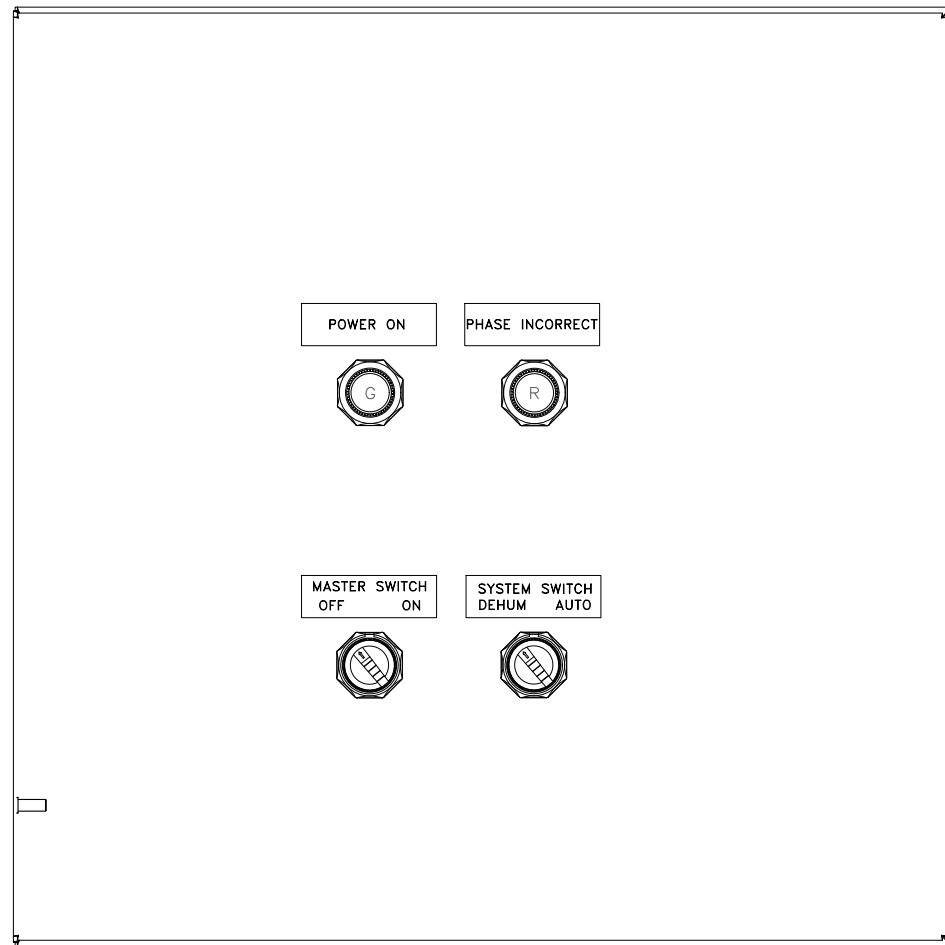
APPROVER: _____ DATE: _____

CAPS NO.:	17F-0861	DRAWING:	E1	DRAWN BY:	J.OMALLEY	DATE:	12/07/2017
CUST. PO#:	5326679	SHEET:	1 OF 2	CHECKED BY:	DAVID NGUYEN	DATE:	12/07/2017
SIZE:	B	REV:	0	APPROVED BY:	LARRY NOVAK	DATE:	03/28/2018

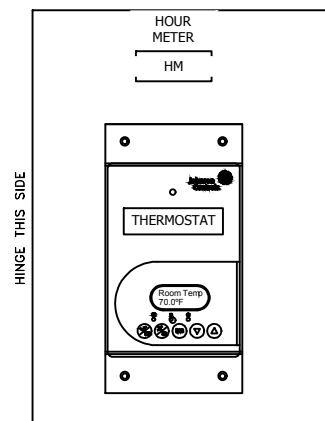
CUSTOMER: **HERC RENTALS**

10 TON PACKAGE UNITS WITH 36KW ELECTRIC HEAT GALVANIZED SKID; COATED HOUSING GENERAL PURPOSE; 575V/3P/60HZ ELECTRICAL DESIGN HVAC UNIT WIRING DIAGRAM

HVAC CONTROL STATION



THERMOSTAT (LOCATED ON EXTERIOR OF UNIT)



TRANSPARENT RAINPROOF COVER NEMA 4X HINGED

SEQUENCE OF OPERATION

The system is placed into initial operation as follows:

- Turn Master Switch to "OFF" and System Switch to "AUTO"
- Turn Circuit Breaker "ON"
 - If the "Phase Incorrect" light is on, turn off the circuit breaker; reverse two (2) phases of incoming power for proper phase sequencing then check the incoming power source to be sure the unit has a good power source - 460V/3P/60HZ
 - If the "Power On" light is on and the "Phase Incorrect" light is off, the unit is ready for operation
- Turn Master Switch to "ON"
- Set the Thermostat (Auto changeover) to your desired setpoint temperature: Depending on difference between setpoint temperature and air return temperature, unit can operate in cooling or heating mode
- System Switch settings:
 - 1- AUTO: Unit is controlled by the Thermostat
 - 2- Dehum: HVAC controls will bypass the Thermostat and both heat and cool are energized
- Turn the System Switch to "AUTO" then turn Master Switch to "OFF" to turn off the unit

REV#	DATE	DESIGNER	DESCRIPTION
0	12/07/2017	J.OMALLEY	ISSUED FOR CONSTRUCTION
1	03/28/2018	J.OMALLEY	AS BUILT



35 SOUTHBELT INDUSTRIAL DR., HOUSTON, TX. 77047
 PHONE: (713) 460-9009 FAX: (713) 460-9499
 TEXAS BOARD OF PROFESSIONAL ENGINEERS
 FIRM NUMBER P-14008

THIS DRAWING AND THE INFORMATION HEREIN CONTAINED ARE THE PROPERTY OF CUSTOM AIR PRODUCTS, WHICH HAS FURNISHED THEM IN CONFIDENCE UPON THE UNDERSTANDING AND CONDITION THAT ALL PERSONS, FIRMS OR CORPORATIONS RECEIVING SUCH DRAWINGS AND INFORMATION SHALL BY THE ACT OF RECEIVING THEM BE DEEMED TO HAVE AGREED: TO MAKE NO COPY, DUPLICATION, DISCLOSURE OR USE WHATSOEVER OF ALL OR ANY PART THEREOF EXCEPT AS EXPRESSLY AUTHORIZED IN WRITING BY CUSTOM AIR PRODUCTS; NOT TO GIVE, LEND OR OTHERWISE DISPOSE OF THIS DRAWING; AND TO RETURN THIS DRAWING PROMPTLY UPON REQUEST.

CERTIFIED AS-BUILT

CHECKER: _____ DATE: _____
 APPROVER: _____ DATE: _____

CAPS NO.:	DRAWING:	DRAWN BY:	DATE:
17F-0861	E2	J.OMALLEY	12/07/2017
CUST. PO#:	SHEET:	CHECKED BY:	DATE:
5326679	2 OF 2	DAVID NGUYEN	12/07/2017
SIZE:	REV:	APPROVED BY:	DATE:
B	0	LARRY NOVAK	03/28/2018

CUSTOMER:	HERC RENTALS
10 TON PACKAGE UNITS WITH 36KW ELECTRIC HEAT GALVANIZED SKID; COATED HOUSING GENERAL PURPOSE; 575V/3P/60HZ ELECTRICAL DESIGN SEQUENCE OF OPERATION	