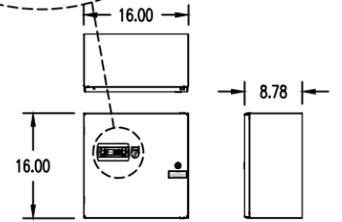
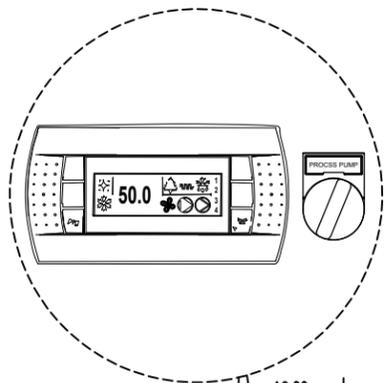
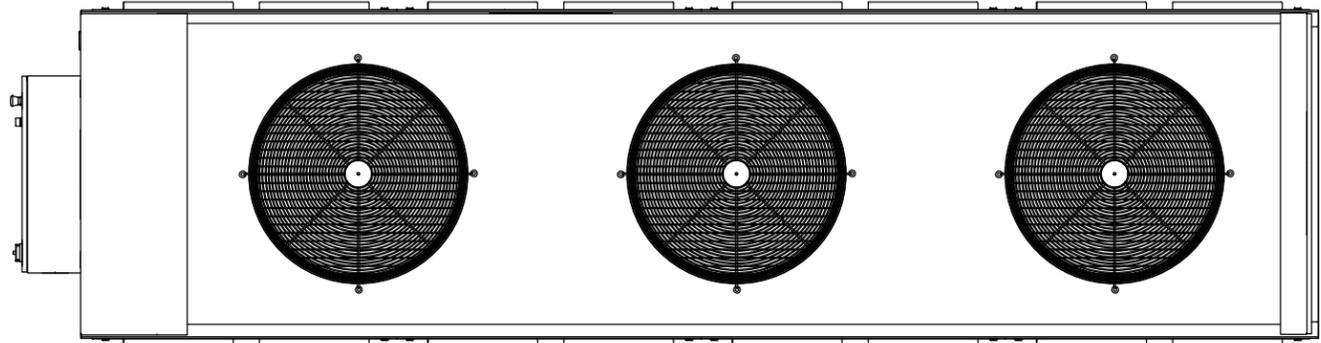
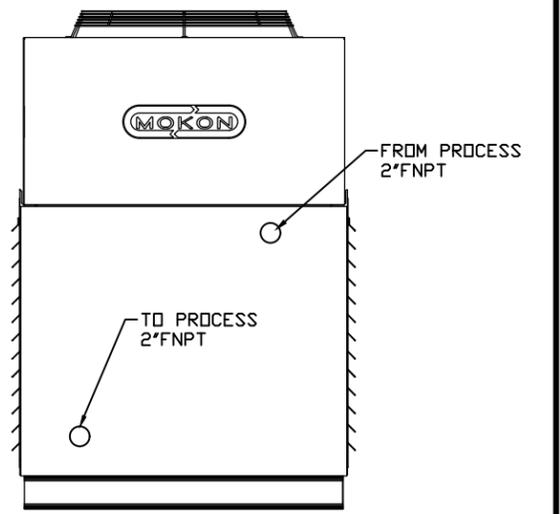
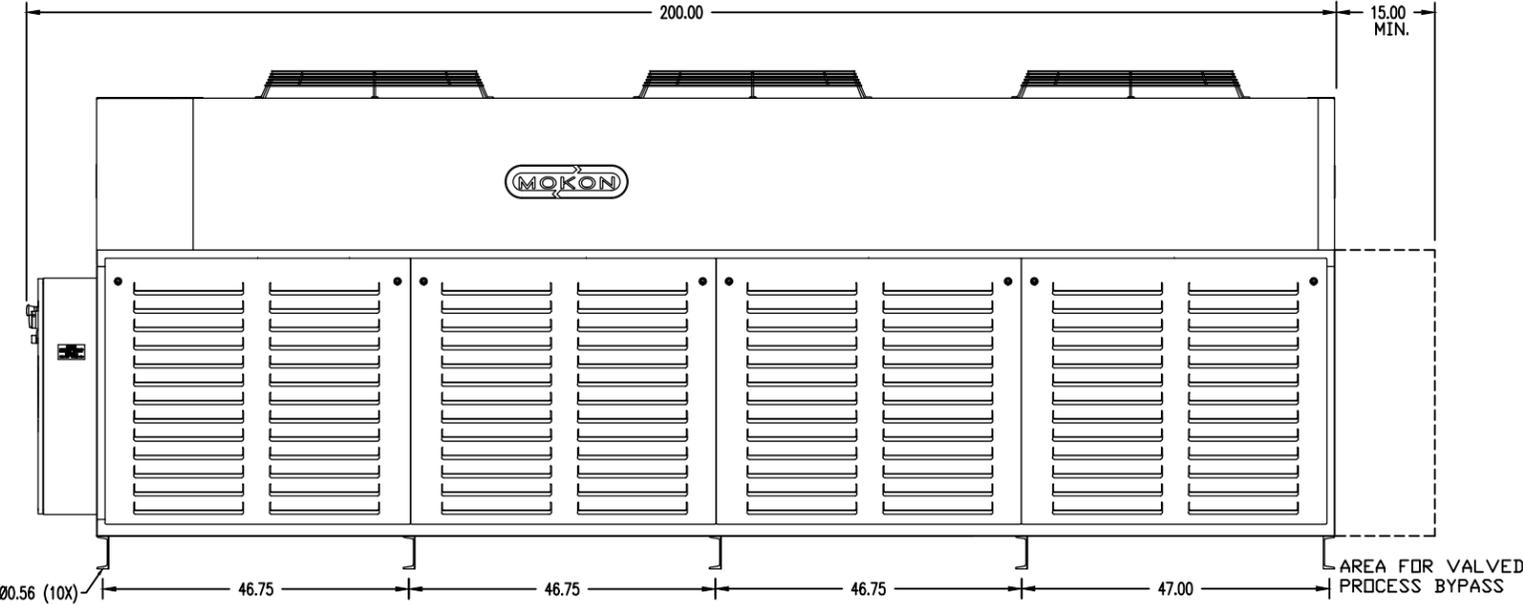
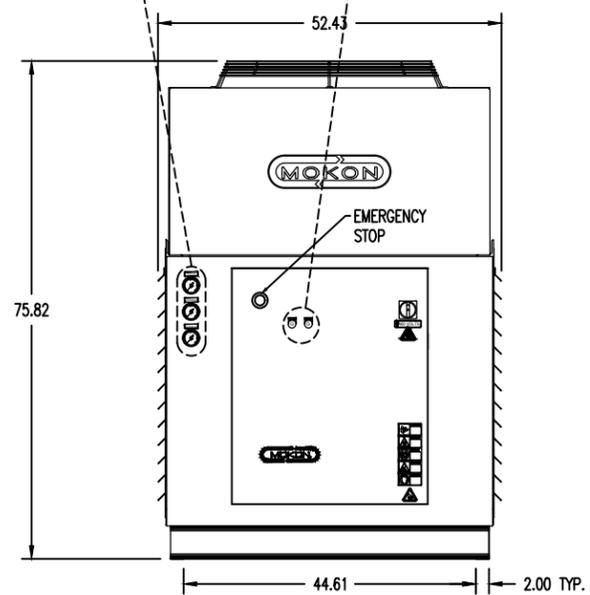


VIEW A-A



REMOTE ELECTRICAL BOX



REVISIONS	DESCRIPTION	BY	DATE	ECN NO.
LTR				

NOTES:
 1.) ALL DIMENSIONS IN INCHES ±1/4"
 2.) FOR DIMENSIONAL REFERENCE ONLY. YOUR ACTUAL UNIT MAY LOOK SLIGHTLY DIFFERENT
 3.) CONNECTION LOCATIONS TO BE DETERMINED AT TIME OF ASSEMBLY
 4.) TO & FROM PROCESS CONNECTION SIZES ARE 2" FNPT

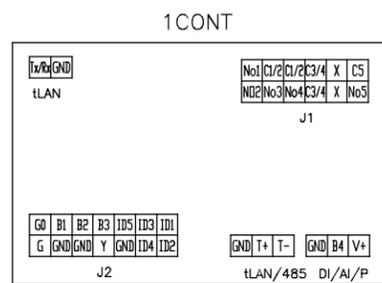
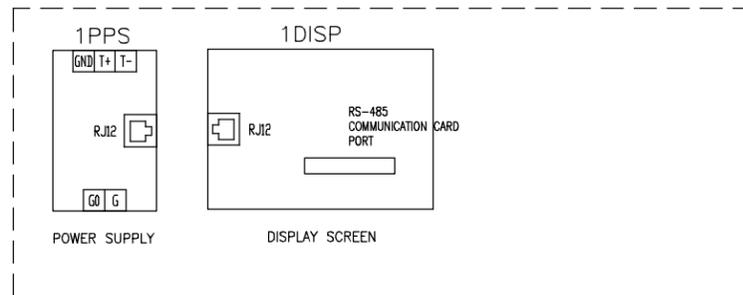
PROPRIETARY NOTICE
 THE INFORMATION IN THIS DOCUMENT IS PROPRIETARY TO MOKON AND SHALL NOT BE USED OR REPRODUCED FOR ANY REASON WITHOUT PRIOR WRITTEN CONSENT.

REFERENCE MODEL	QA4L4024	DRAWN	B. KENNELLY	08/25/16
		CHECKED	BK	08/25/16
		APPROVED	RC	08/25/16
		VERIFIED		

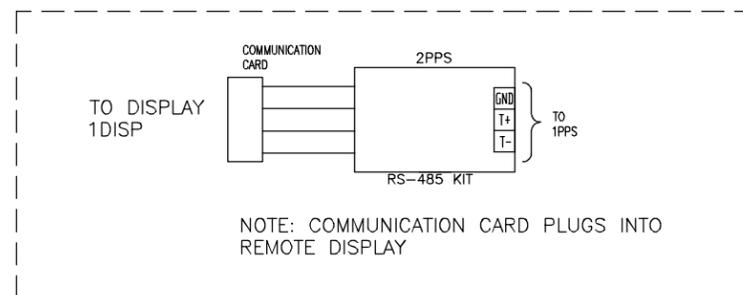
MOKON
 2150 Elmwood Avenue, Buffalo, New York 14207
 MODEL NO. OAD4L4030
 DWG. NO. OAD4L4030
 SCALE: NONE | DWG SIZE: B | SHEET 1 OF 1

DESCRIPTION
 ELECTRICAL SCHEMATIC/PANEL LAYOUT: OA-40 TON AIR COOLED OUTDOOR CHILLER

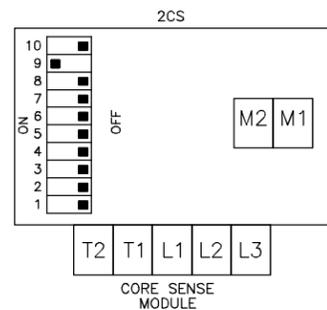
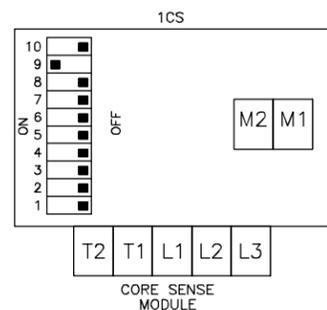
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CAREL UC2 CONTROLLER



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3XF	024133	1	TFMR 50VA 120-240/12x24
1XF	024104	2	TRANSFORMER 350VA
2XF			
1CBL	035267	1	CABLE
1TAS	023161	1	T-STAT 125°F 48" TEFLN LEADS
2TAS	023097	1	T-STAT 40/55°F 48" TEFLN LEADS
	026529	60	TERMINAL BLOCK
1NTC	035256	2	NTC SENSOR
2NTC			
1ETC	041427	1	FREEZESTAT/HIGH RETURN STAT (OA)
5SOL	025307-001	1	SOLENOID VALVE 2"
2SOL	041192	2	SOLENOID VALVE 5/8" (NC)
4SOL			
1SOL	041189	2	LIQUID SOLENOID VALVE
3SOL			
1SS	022178	1	2 POS. SELECTOR SWITCH
1PPS	035266	1	SERIAL CARD
1PS	041093	3	HIGH PRESSURE SWITCH
2PS			
3PS			
4PS	041092	1	LOW PRESSURE SWITCH
1PB	022229	1	EMERGENCY STOP BUTTON
1OL	006367	1	OVERLOAD 3.2-16A
2OL	006366	3	OVERLOAD 1.0-5.0A
3OL			
4OL			
1M	006257	1	CONTACTOR 40A
2M	006256	3	CONTACTOR 24A
3M			
4M			
1MOT	018380-001	1	PUMP WITH MOTOR
1LT	014054	2	GREEN PILOT LIGHT
2LT			
1GND	026476	1	GROUND BAR
2GND	026462	1	GROUND BAR
19FU	045052	4	FUSE 2A FNO-R
20FU			
22FU			
23FU			
10FU	045043	9	FUSE 15A LP-CC
11FU			
12FU			
13FU			
14FU			
15FU			
16FU			
17FU			
18FU			
25FU	026737	1	FUSE 1/4A FNM
1FU	026710	3	FUSE 20A LPJ
2FU			
3FU			
4FU	026631	6	FUSE 60A LPJ
5FU			
6FU			
7FU			
8FU			
9FU			
24FU	026523	1	FUSE 3-1/2A FNM
21FU	026044	1	FUSE 2A FNM
1FS	022281	1	FLOW SWITCH
2MOT	041862	3	FAN (PART OF CONDENSER)
3MOT			
4MOT			
1CC	006306	2	CONTACTOR 65A
2CC			
1CONT	035269	1	CAREL CONTROLLER
1DISP	035265	1	DISPLAY
1HTR	011068	1	EBOX HEATER
1CS	-	2	CORE SENSE MODULE (PART OF COMPRESSOR)
2CS			
2HTR	011069	3	TANK HEATER
3HTR			
4HTR			
1DS	022270	1	DISCONNECT 160A DOOR MOUNT
1PDB	026494	1	DISTRIBUTION BLOCK 310A
1CMP	044164	2	COMPRESSOR
2CMP			
1CCHTR	041492	2	CRANKCASE HEATER
2CCHTR			
ITEM	MOKON P/N	QTY	DESCRIPTION

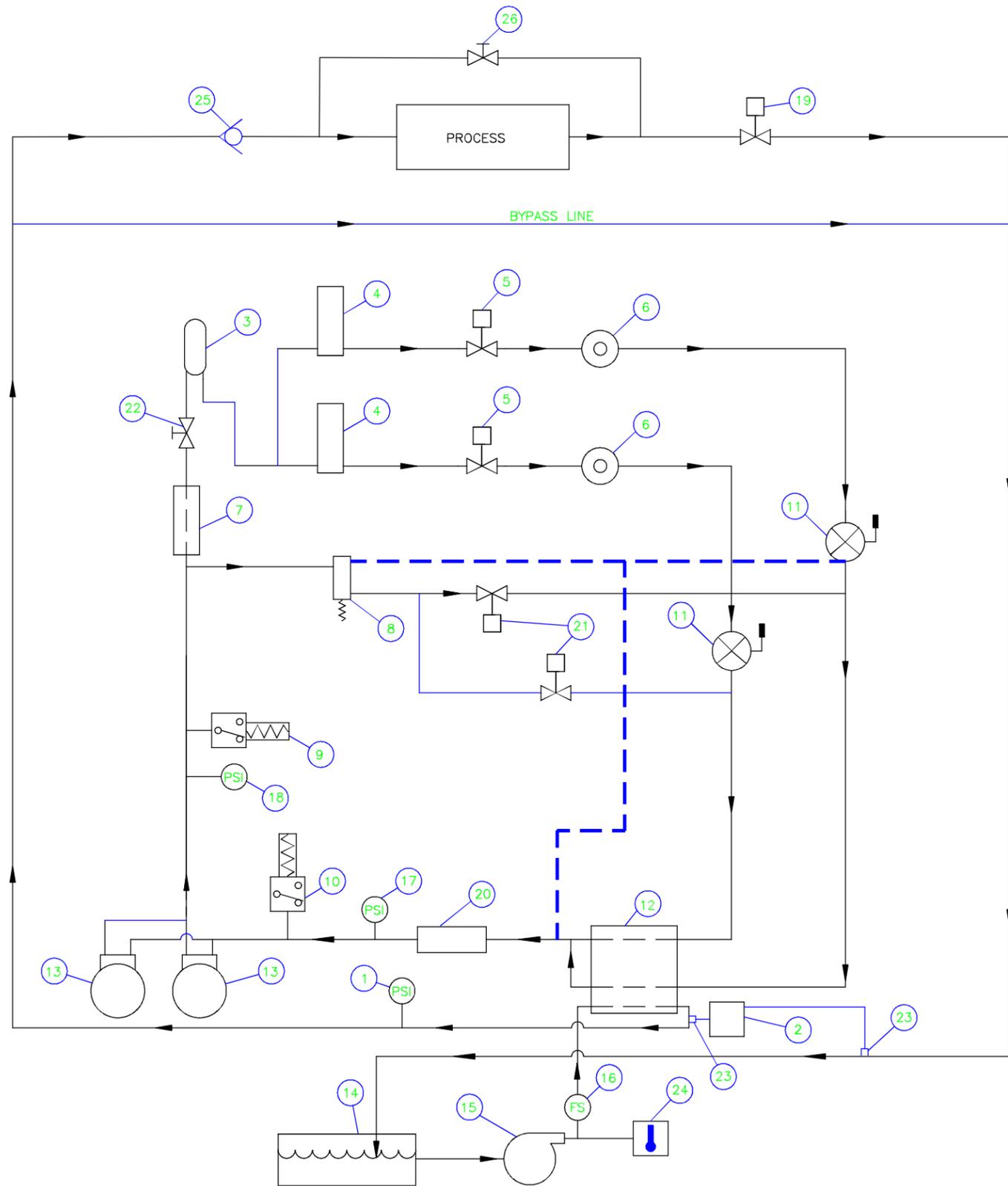
- NOTES:
 1.) ALL VOLTAGES ARE "AC" UNLESS OTHERWISE SPECIFIED.
 2.) USE FUSES SPECIFIED OR EQUIVALENT.
 3.) LAST WIRE NUMBER IS 37
 4.) ◊ INDICATES TERMINAL BLOCK CONNECTION.
 5.) FOR OPERATION IN A 0°F TO 90°F AMBIENT ENVIRONMENT.
 6.) [] INDICATES PART OF REMOTE INDOOR EBOX
 7.) [] INDICATES PART OF CONDENSER

REVISIONS	DESCRIPTION	BY	DATE	ECN NO.
LTR				

REFERENCE MODEL	DRAWN	N. GARBAZ	01/08/16
0A4L4022	CHECKED	BK	01/08/16
460V/3PH/60HZ	APPROVED	RC	01/08/16
	VERIFIED		

MOKON
 2150 Elmwood Avenue, Buffalo, New York 14207
 MODEL NO. OAD4L4030
 DWG. NO. OAD4L4030
 SCALE: NONE DWG SIZE: B SHEET 2 OF 5

PROPRIETARY NOTICE
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26	.	VALVED PROCESS BYPASS
25	.	CHECK VALVE
24	1ETC	HIGH TEMPERATURE STAT
23	.	NTC SENSOR (PROCESS SUPPLY & RETURN)
22	.	SERVICE VALVE
21	2SOL, 4SOL	HOT GAS SOLENOID VALVE (NC)
20	.	ACCUMULATOR
19	5SOL	OVERHEAD PIPING SOLENOID
18	.	HIGH PRESSURE GAUGE
17	.	LOW PRESSURE GAUGE
16	1FS	FLOW SWITCH
15	1MOT	ZONE PUMP
14	.	COOLANT TANK
13	1CMP, 2CMP	COMPRESSOR
12	.	EVAPORATOR
11	.	THERMAL EXPANSION VALVE
10	4PS	LOW PRESSURE SWITCH
9	3PS	HIGH PRESSURE SWITCH
8	.	HOT GAS BYPASS VALVE
7	.	CONDENSER
6	.	SIGHT GLASS
5	1SOL, 3SOL	LIQUID SOLENOID VALVE (N.C.)
4	.	FILTER/DRIER - LIQUID
3	.	RECEIVER
2	1CONT	TEMPERATURE INDICATING CONTROLLER
1	.	PRESSURE GAGE 0-160 PSI

ITEM NO.	ELECT. SYMB.	DESCRIPTION
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REFERENCE MODEL	DRAWN	N. GARBACZ	01/08/16
0A4L4022	CHECKED	BK	01/08/16
460V/3PH/60HZ	APPROVED	RC	01/08/16
	VERIFIED		

MOKON

2150 Elmwood Avenue, Buffalo, New York 14207

MODEL NO. **OAD4L4030** DWG. NO. **OAD4L4030**

SCALE: NONE DWG SIZE: B SHEET 5 OF 5

NOTES:

REVISIONS	DESCRIPTION	BY	DATE	ECN NO.

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DESCRIPTION
 ELECTRICAL SCHEMATIC/PANEL LAYOUT: 0A-40 TON AIR COOLED OUTDOOR CHILLER