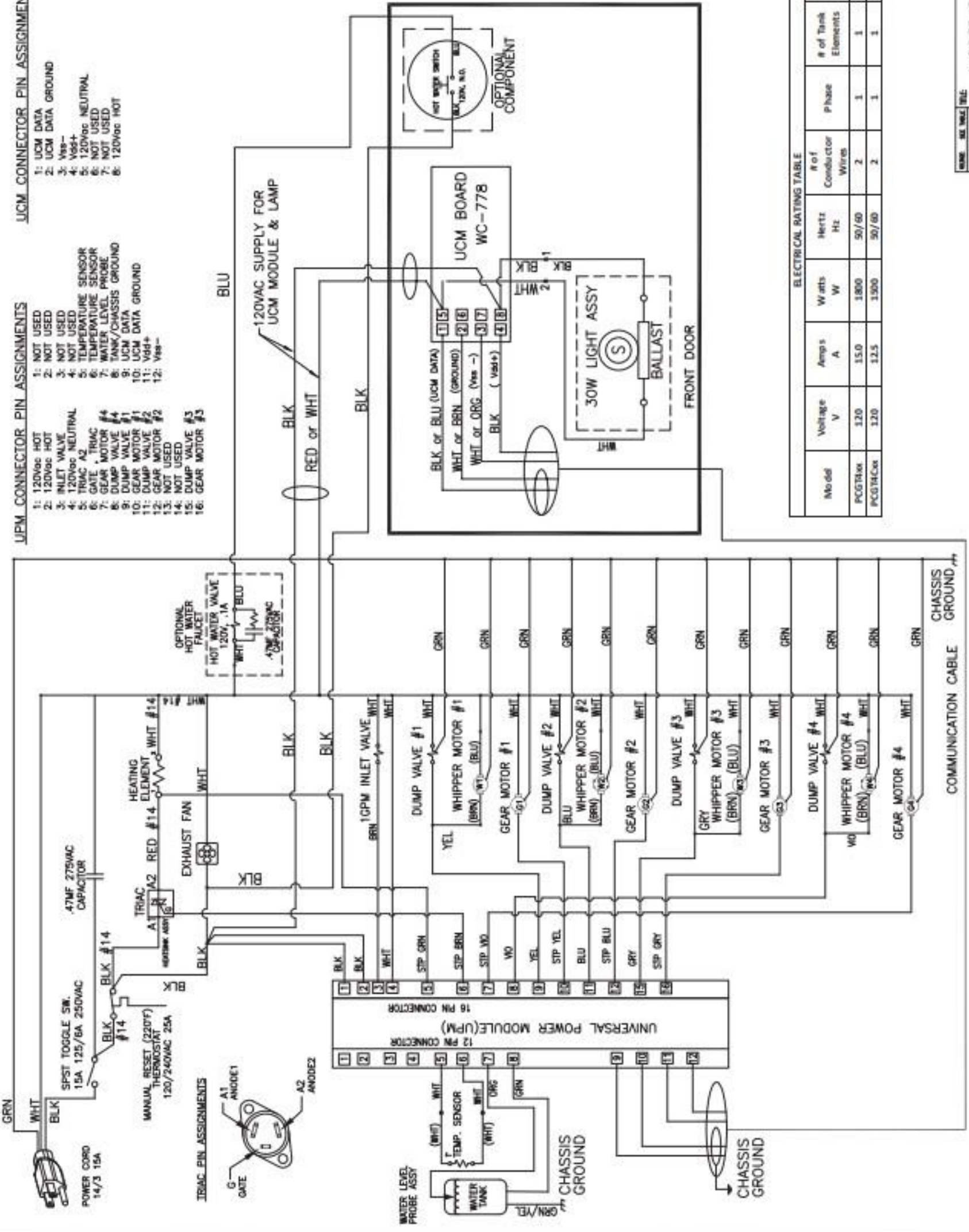


UPM CONNECTOR PIN ASSIGNMENTS

- 1: 120vac HOT
- 2: 120vac HOT
- 3: INLET VALVE
- 4: 120vac NEUTRAL
- 5: TRIAC A2
- 6: GATE - TRIAC
- 7: GEAR MOTOR #4
- 8: DUMP VALVE #4
- 9: DUMP VALVE #1
- 10: GEAR MOTOR #1
- 11: DUMP VALVE #2
- 12: GEAR MOTOR #2
- 13: NOT USED
- 14: NOT USED
- 15: DUMP VALVE #3
- 16: GEAR MOTOR #3

UCM CONNECTOR PIN ASSIGNMENT

- 1: UCM DATA
- 2: UCM DATA GROUND
- 3: Vss-
- 4: Vss+
- 5: 120vac NEUTRAL
- 6: NOT USED
- 7: NOT USED
- 8: 120vac HOT

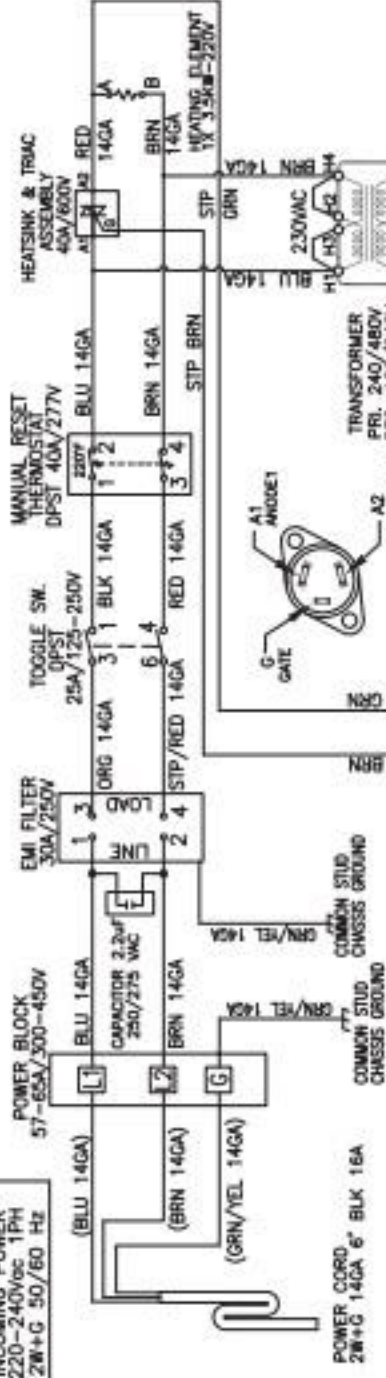


ELECTRICAL RATING TABLE

No. of	Voltage	Amps	Watts	Hertz	No of	Phase	# of Tank
PCGT400	V	A	W	Hz	Conductor		Elements
PCGT400	120	15.0	1800	50/60	2	1	1
PCGT400	120	12.5	1500	50/60	2	1	1

COMMUNICATION CABLE
CHASSIS GROUND

INCOMING POWER
220-240VAC 1PH
2W+G 50/60 Hz

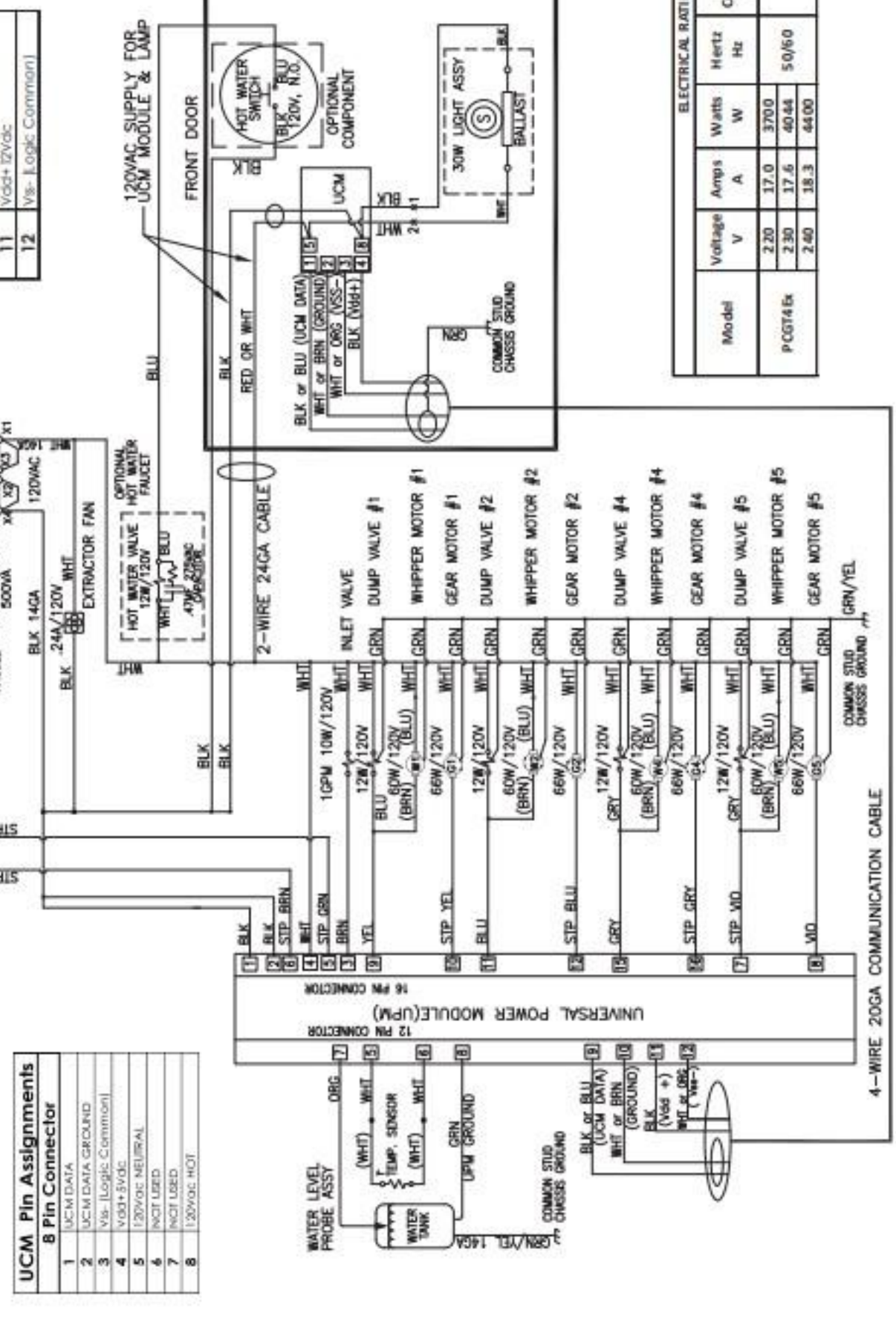


UCM Pin Assignments

8 Pin Connector	
1	UCM DATA
2	UCM DATA GROUND
3	Vis- (Logic Common)
4	VDD+5VDC
5	120VAC NEUTRAL
6	NOT USED
7	NOT USED
8	120VAC HOT

UPM Pin Assignments

12 Pin Connector	
1	NOT USED
2	NOT USED
3	NOT USED
4	NOT USED
5	TANK TEMPERATURE SENSOR
6	TANK TEMPERATURE SENSOR
7	WATER LEVEL PROBE
8	UPM GROUND
9	UCM DATA
10	UCM DATA GROUND
11	VDD+ 5VDC
12	Vis- (Logic Common)



ELECTRICAL RATING TABLE

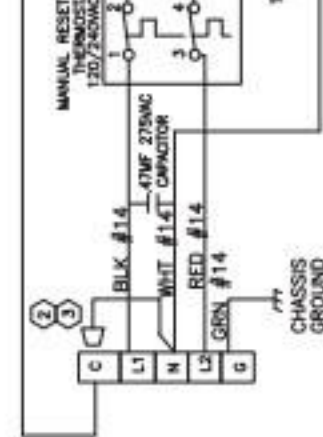
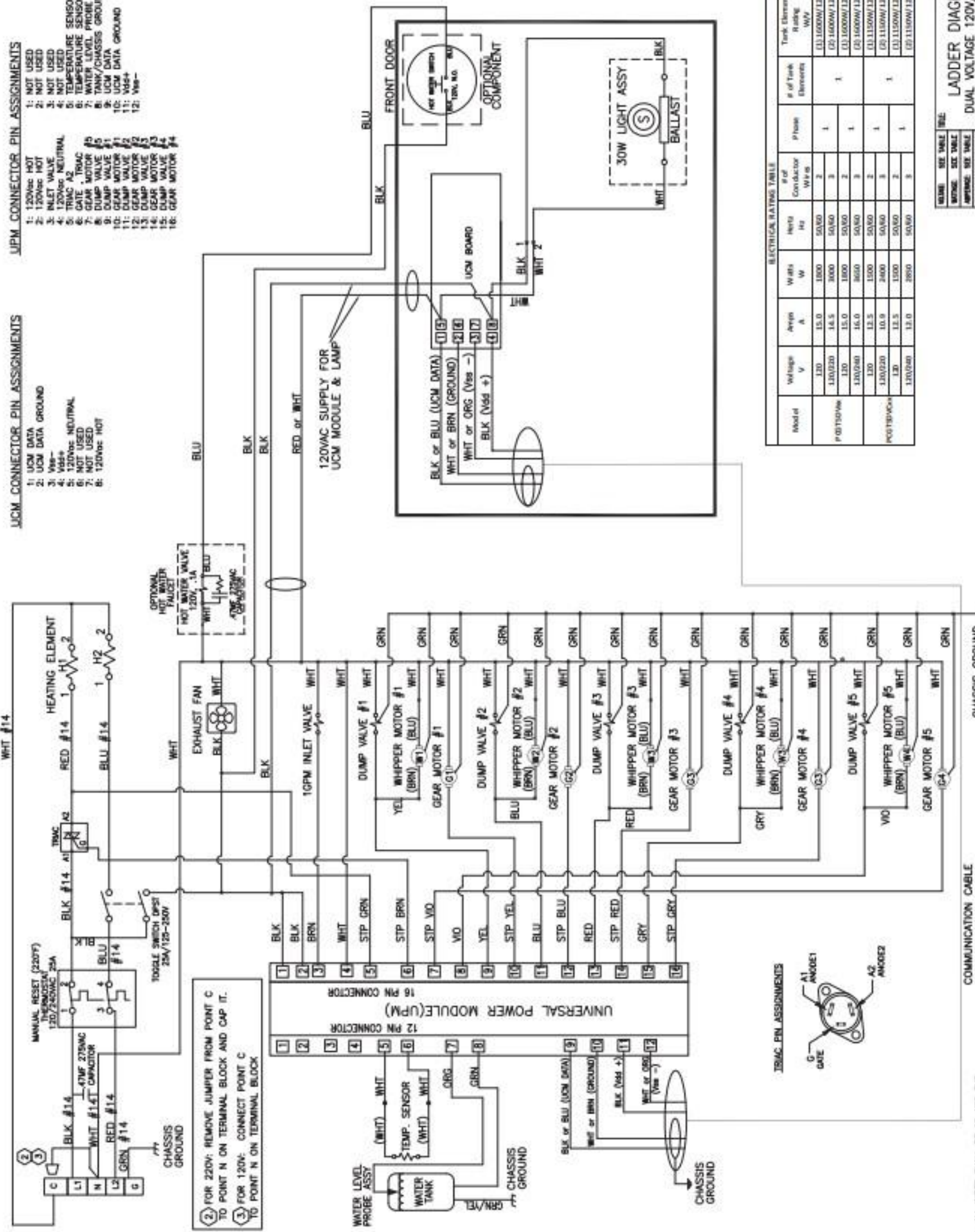
Model	Voltage V	Amps A	Watts W	Hertz Hz	# of Conducting Wires
P-CGT4Ex	2.20	17.0	370.0	50/60	2
	2.30	17.6	40.44		
	2.40	18.3	44.00		

UCM CONNECTOR PIN ASSIGNMENTS

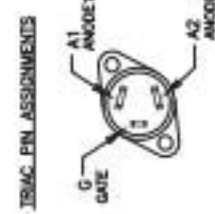
- 1: UCM DATA
- 2: UCM DATA GROUND
- 3: Vss-
- 4: Vss+
- 5: 120VAC NEUTRAL
- 6: 120VAC HOT
- 7: NOT USED
- 8: 120VAC HOT

UPM CONNECTOR PIN ASSIGNMENTS

- 1: NOT USED
- 2: NOT USED
- 3: NOT USED
- 4: NOT USED
- 5: TEMPERATURE SENSOR
- 6: TEMPERATURE SENSOR
- 7: WATER LEVEL PROBE
- 8: TANK/CHASSIS GROUND
- 9: UCM DATA
- 10: UCM DATA GROUND
- 11: Vss+
- 12: Vss-



② FOR 220V: REMOVE JUMPER FROM POINT C TO POINT N ON TERMINAL BLOCK AND CAP IT.
 ③ FOR 120V: CONNECT POINT C TO POINT N ON TERMINAL BLOCK



ELECTRICAL RATINGS TABLE

Model	Voltage V	Amperes A	Watts W	Hertz Hz	# of Conductor Wires	Phase	# of Tank Elements	Tank Element Rating W/F
PGT150VW	120	15.0	1800	50/60	2	1	1	(1) 1600W/120V
	120/220	14.5	3000	50/60	3	1	1	(2) 1600W/120V
	120	15.0	1800	50/60	2	1	1	(1) 1600W/120V
PGT150VW	120	16.0	3600	50/60	3	1	1	(1) 1600W/120V
	120	12.5	1500	50/60	2	1	1	(1) 1150W/120V
	120/220	10.9	2400	50/60	3	1	1	(2) 1150W/120V
PGT150VW	120	12.5	1500	50/60	2	1	1	(1) 1150W/120V
	120/220	12.0	2850	50/60	3	1	1	(2) 1150W/120V

NAME: SEE TABLE
 MODEL: SEE TABLE
 APPROVE: SEE TABLE
 REV: SEE TABLE

DATE: SEE TABLE
 DRAWN: SEE TABLE
 CHECKED: SEE TABLE
 REVISION: SEE TABLE

WATER LEVEL PROBE ASSY
 TEMP. SENSOR
 CHASSIS GROUND

COMMUNICATION CABLE
 CHASSIS GROUND

1. ALL WIRES SHALL BE 18 AWG PVC.
 2. ALL WIRE COLOR CODES SHALL BE AS SHOWN IN THIS DIAGRAM.

LADDER DIAGRAM
 DUAL VOLTAGE 120V/220V