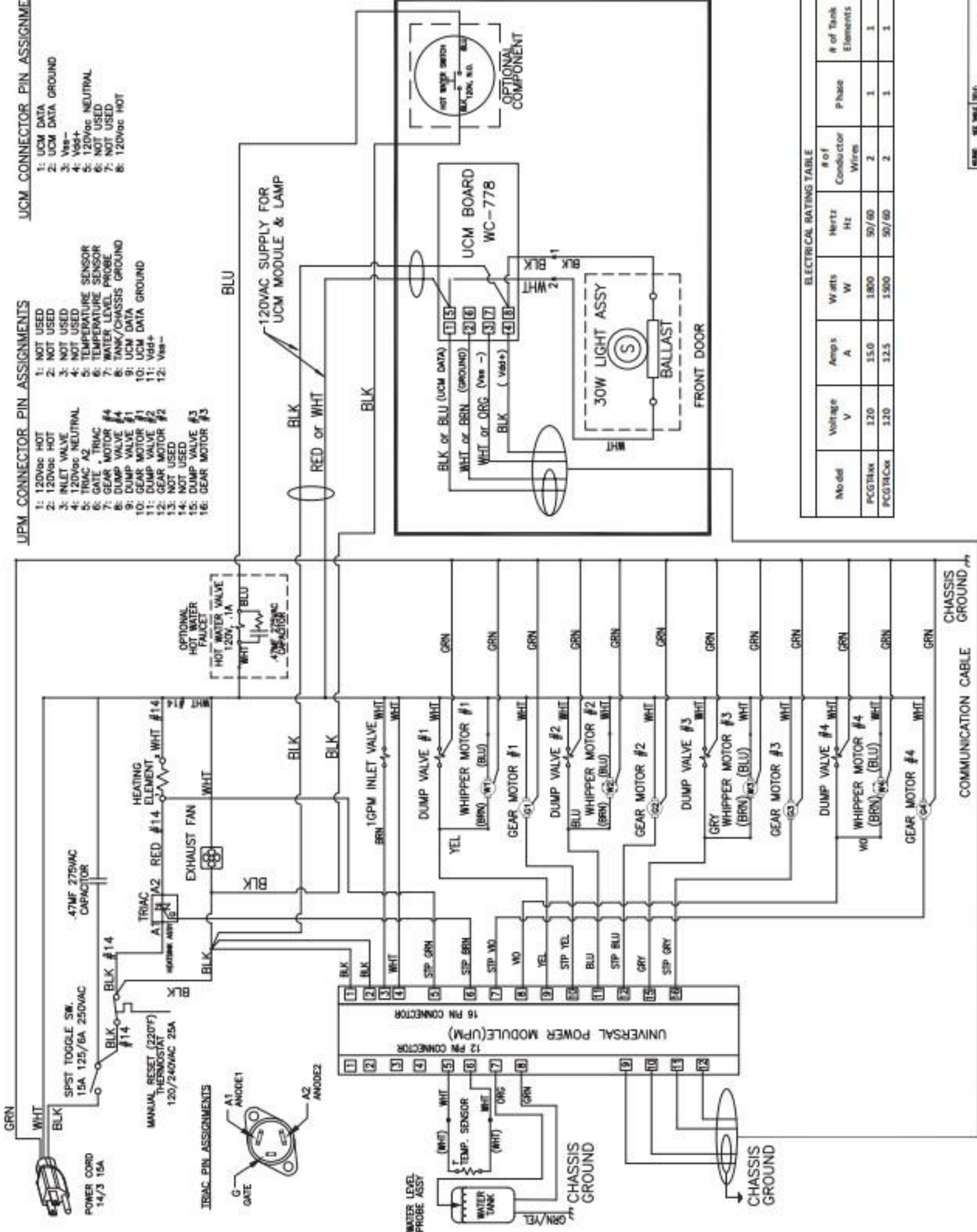


UPM_CONNECTOR_PIN_ASSIGNMENTS

- 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_ASSIGNMENTS

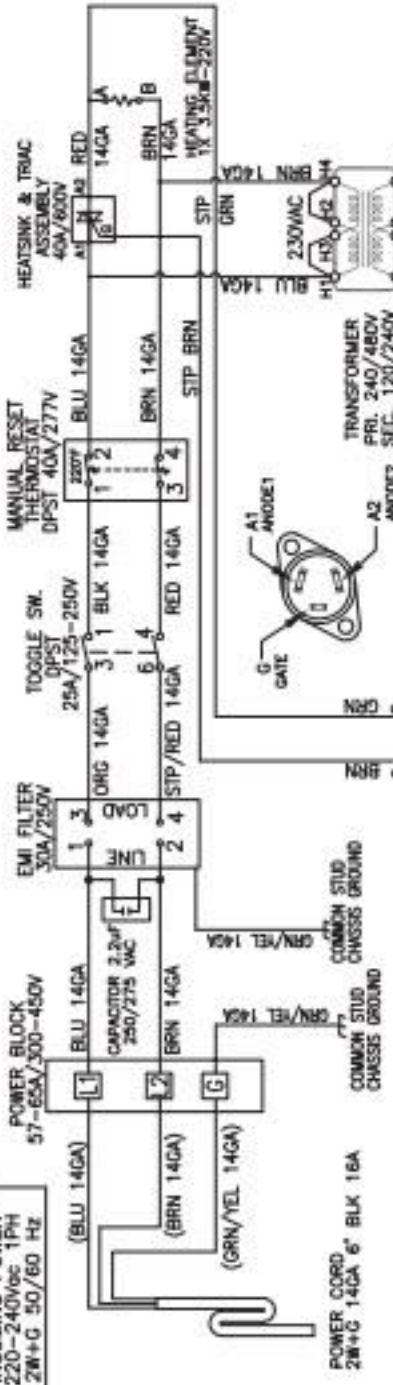
- 1: UCM DATA
- 2: UCM DATA GROUND
- 3: Vss-
- 4: Vss+
- 5: 120vac NEUTRAL
- 6: NOT USED
- 7: NOT USED
- 8: 120vac HOT



ELECTRICAL RATING TABLE

Model	Voltage V	Amps A	Watts W	Hertz Hz	# of Conductor Wires	Phase	# of Tank Elements
PCGTHxx	120	15.0	1800	50/60	2	1	1
PCGTHCxx	120	12.5	1500	50/60	2	1	1

INCOMING POWER
220-240V_{ac} 1PH
2W+G 50/60 Hz

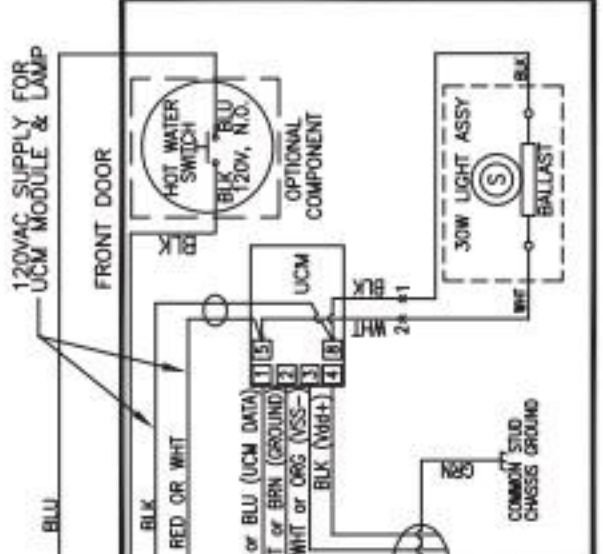
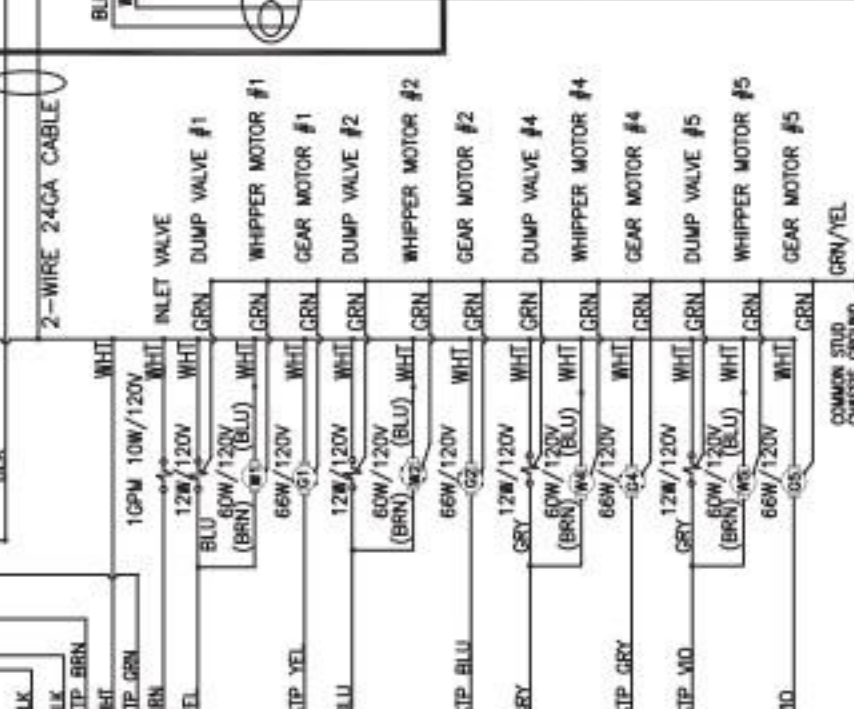
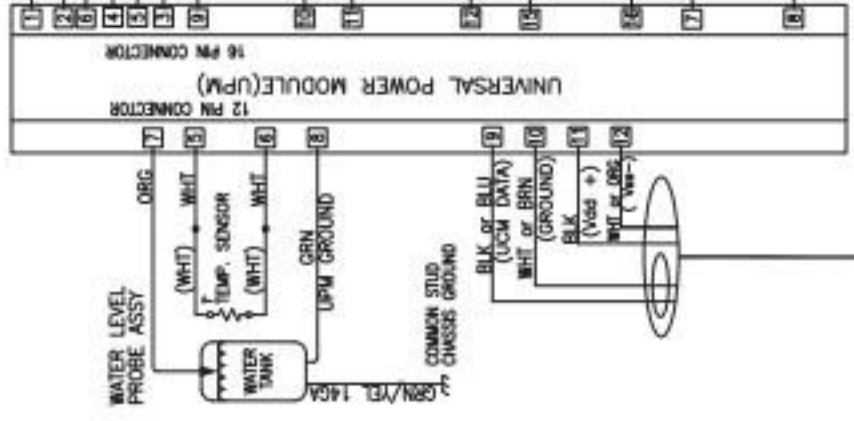


UCM Pin Assignments
8 Pin Connector

1	UCM DATA
2	UCM DATA GROUND
3	V _{is} -(Logic Common)
4	V _{00d} +5Vdc
5	120V _{ac} NEUTRAL
6	NOT USED
7	NOT USED
8	120V _{ac} 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	V _{00d} +12Vdc
12	V _{is} -(Logic Common)



ELECTRICAL RATING TABLE

Model	Voltage V	Amps A	Watts W	Hertz Hz	# of Conduct Wires
PCGT4 Ex	2.20	17.0	3700	50/60	2
	2.30	17.6	4044		
	2.40	18.3	4400		

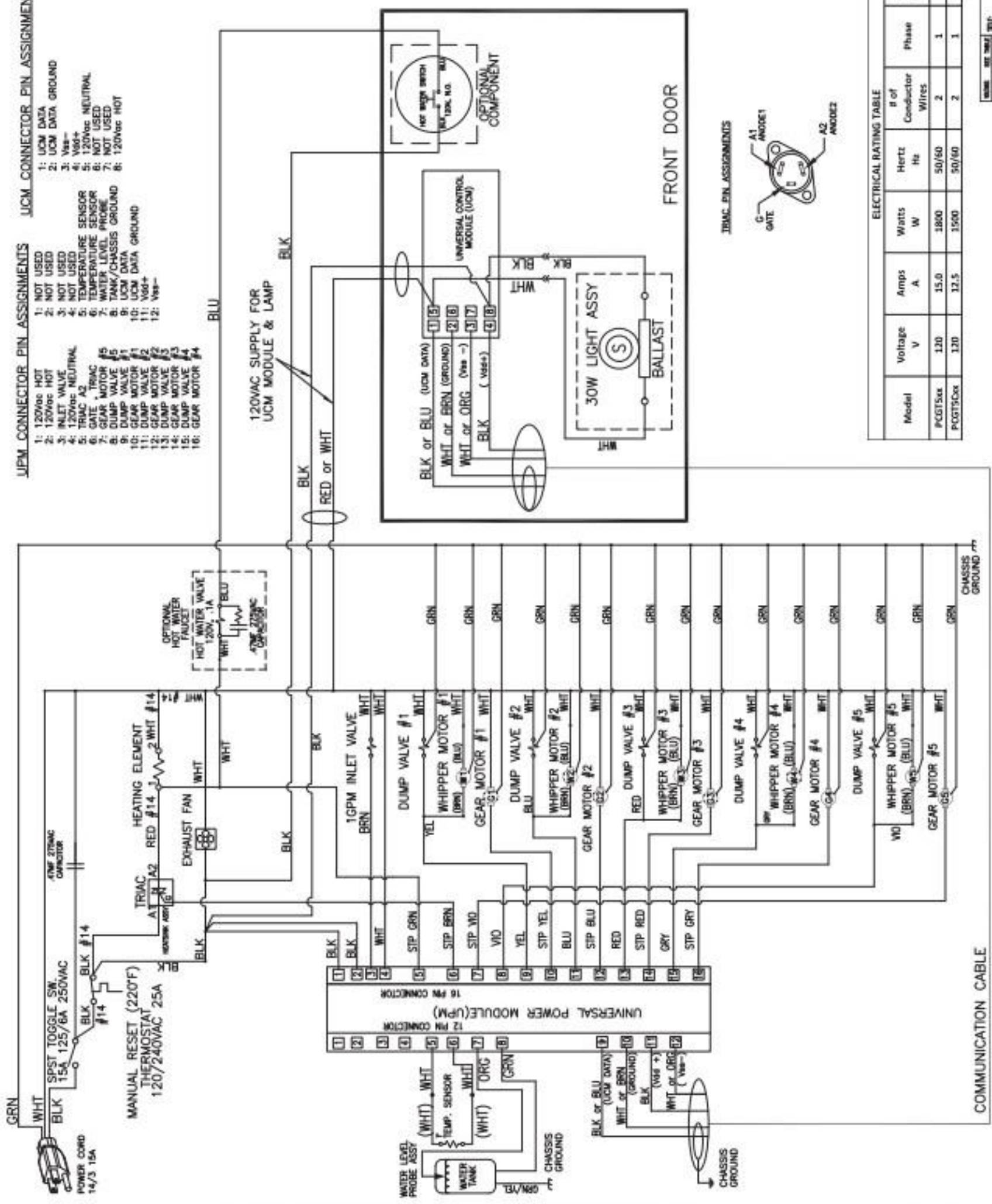
4-WIRE 20GA COMMUNICATION CABLE

UPM CONNECTOR PIN ASSIGNMENTS

- 1: 120Vac HOT
- 2: 120Vac HOT
- 3: INLET VALVE
- 4: 120Vac NEUTRAL
- 5: GATE A2
- 6: GATE A1
- 7: TRIPAC
- 8: DUMP VALVE #5
- 9: DUMP VALVE #1
- 10: DUMP VALVE #2
- 11: DUMP VALVE #3
- 12: DUMP VALVE #4
- 13: DUMP VALVE #5
- 14: GEAR MOTOR #3
- 15: GEAR MOTOR #4
- 16: GEAR MOTOR #5

UCM 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: V86+
- 12: V86-



ELECTRICAL RATING TABLE

Model	Voltage V	Amps A	Watts W	Hertz Hz	# of Conductor Wires	Phase
PGGT5xx	120	15.0	1800	50/60	2	1
PGGT5Dxx	120	12.5	1500	50/60	2	1

COMMUNICATION CABLE

CHASSIS GROUND

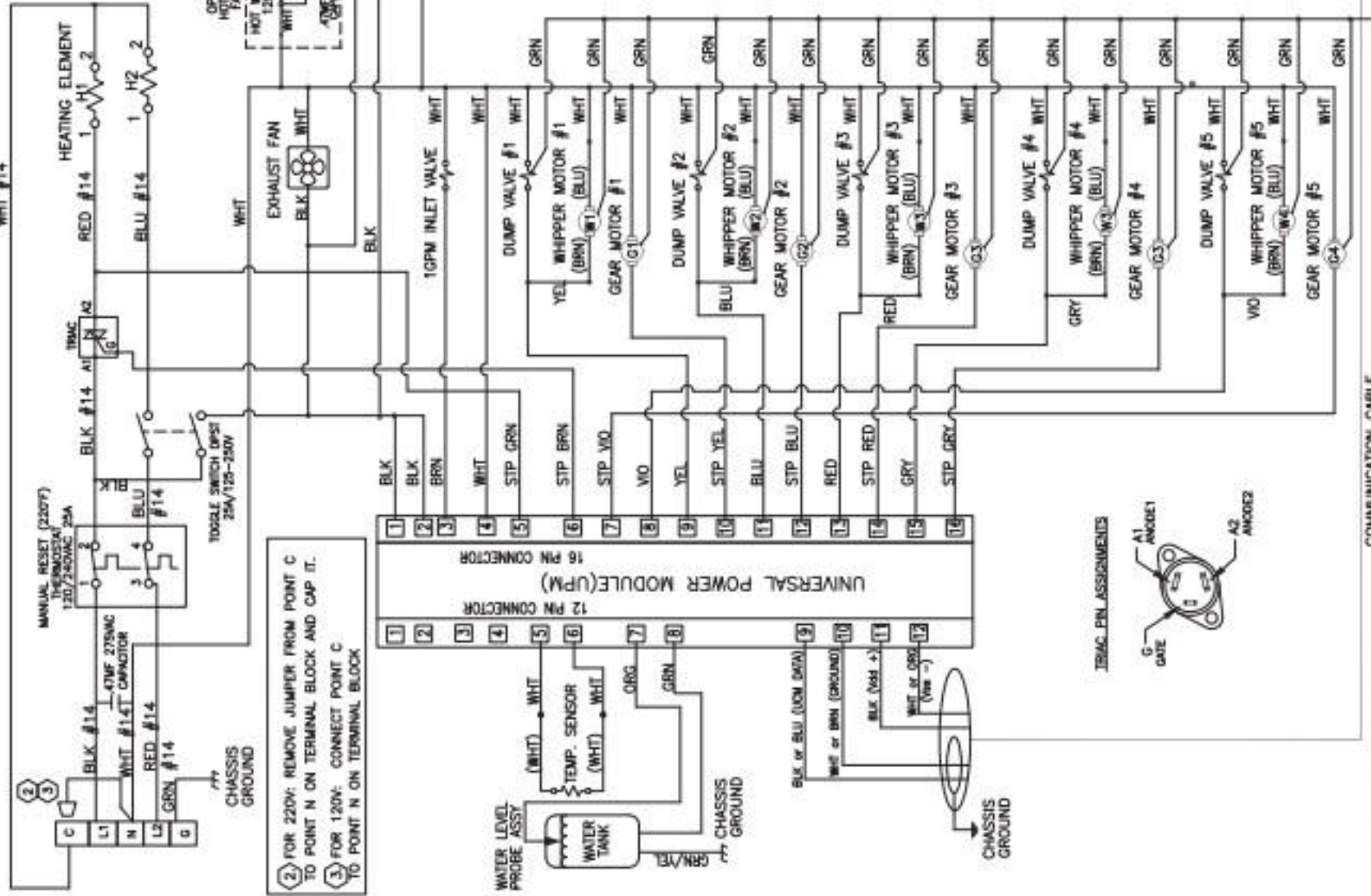
WATER LEVEL PROBE ASSY
TEMP. SENSOR
WATER TANK
CHASSIS GROUND

UCM CONNECTOR PIN ASSIGNMENTS

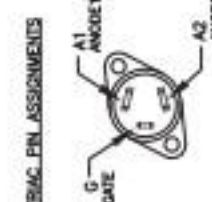
- 1: UCM DATA
- 2: UCM DATA GROUND
- 3: Vss-
- 4: Vss+
- 5: 120Vac NEUTRAL
- 6: NOT USED
- 7: NOT USED
- 8: 120Vac HOT

UPM CONNECTOR PIN ASSIGNMENTS

- 1: 120Vac HOT
- 2: NOT USED
- 3: NOT USED
- 4: NOT USED
- 5: INLET VALVE
- 6: TRMCA2
- 7: GEAR MOTOR #5
- 8: DUMP VALVE #5
- 9: DUMP VALVE #4
- 10: GEAR MOTOR #1
- 11: DUMP VALVE #2
- 12: GEAR MOTOR #2
- 13: DUMP VALVE #3
- 14: GEAR MOTOR #3
- 15: DUMP VALVE #4
- 16: GEAR MOTOR #4



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 RATING TABLE

Model	Voltage V	Amperes A	Watts W	Hz	# of Conductor Wires	Phase	# of Tank Elements	Tank Element Rating W/P
P07150V6	120	15.0	1800	50/60	2	1	1	(L) 1600W/120V
	120/220	14.5	3000	50/60	3	1	1	(S) 1600W/120V
	120	15.0	1800	50/60	2	1	1	(L) 1600W/120V
P07150V6	120	16.0	3600	50/60	3	1	1	(S) 1600W/120V
	120	12.5	1500	50/60	2	1	1	(L) 1150W/120V
	120/220	10.9	2400	50/60	3	1	1	(S) 1150W/120V
P07150V6	120	12.5	1500	50/60	2	1	1	(L) 1150W/120V
	120/240	12.0	2850	50/60	3	1	1	(S) 1150W/120V