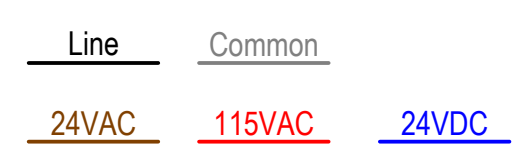


Logic Control Inputs	
I1	Float
I2	Door Switch
I3	Stop Button
I4	Start Button
I5	Light Wash
I6	Medium Wash
I7	Heavy Wash
I8	Fill Button

Logic Control Outputs	
Q1	Fill Solenoid
Q2	Wash Light
Q3	Pump
Q4	Rinse/Fill & Gauge Solenoids
Q5	Fan
Q8	LWCO

ITEM	DESCRIPTION	PART # (208V/230V)	PART # (460V)
A	PUMP BREAKER	511-5021	511-5346
B	PUMP BREAKER	511-5348	511-5345
C			
D	RINSE HEAT BREAKER	511-5347	511-5343
E			
F			
G	WASH HEAT BREAKER	511-5339	
H	PUMP CONTACTOR	511-5298	511-5296
I	PUMP OVERLOAD	511-5309	511-5306
J	PUMP CONTACTOR	511-5297	511-5294
K	PUMP OVERLOAD	511-5308	511-5305
L			
M	RINSE HEAT CONTACTOR	511-5294	
N			
O			
P	WASH HEAT CONTACTOR		
Q	FAN BREAKER	511-5340	
R	FAN RELAY	511-5179	
S	FAN DRIVE	511-5357	511-5358
T	TRANSFORMER	511-5250	
U	PRIMARY FUSE	511-5207	511-5115
V	24V SECONDARY FUSE	511-5120	
W	LOGIC CONTROL	511-5314	
X1	BURNER CONTROL WIRE BASE	509-5159	
X2	BURNER CONTROL CHASIS	509-5156	
X3	BURNER PROGRAM MODULE	509-5157	
X4	FLAME AMPLIFIER	509-5158	
Y	PUMP DELAY TIMER	511-5145	

Lower Terminal Blocks			
Soap	To 24VAC Soap Dispenser	W	From Wash High Limit
T3 & T4	To Rinse/Fill & Gauge Solenoids	R	From Rinse High Limit
4	From Float	C & H	To Temp Controls
1	To Float	T1	To Door Switch
Fill	To Fill Solenoid	T2	From Door Switch

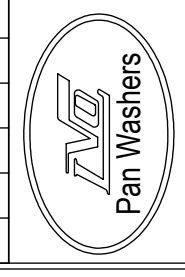


Burner Control Connections	
Ground & S1	Ground
S2	From Flame Sensor
2	To Gas Valves, Blower Motor, Ignition Transformer (Common)
3	To Pilot Valve
4	To Ignition Transformer
5	To Main Gas Valve
6	From Airflow Switch
8	To Blower Motor

Fuse Table	
208V/230V Primary	10 Amp
460V Primary	5 Amp
24V Secondary	7 Amp

Name: RW40120 Schematic - Gas Heat with 3 Phase Variable Speed Fan

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Rev. -

A. Lund

8/9/2023