

VACSTAR 5 PARTS BREAKDOWN PRESENTATION



VACSTAR 5 PARTS BREAKDOWN FRONT VIEW

VACUUM RELIEF
VALVE P/N 55865
(NOT SHOWN
INSIDE)
VACUUM RELIEF
CAP & FILTER
ASSY P/N 55093

SCREW #8 x 3/8
PHIL PAN HEAD
P/N 30862T

VACUUM GAUGE P/N 55860
PCONN ADAPTER 1/4" POLY
P/N 55803 (NOT SHOWN)

ELECTRICAL
SWITCH BOX ASSY
P/N 55970

POWER SWITCH
20 AMP (x2)
P/N 55993

TUBE POLY 1/4"
BLACK CUT TO
24" (VACUUM
LINE) P/N 55983

WIRE NUT 330V
BLUE P/N 43303

REPLACEMENT
PUMP 1 HP
NEW P/N 55895
REBUILT P/N 55110

NUT 1/4-20 ACORN
7/16" HEX
P/N 60113-1

STANDOFF 1"
O.D. P/N 55955
BOLT 5/16-18
x 1 3/8" LONG
P/N 30850T
LOCK WASHER
5/16 SPLIT
P/N 30847T
NUT HEX 5/16-18
P/N 30845T

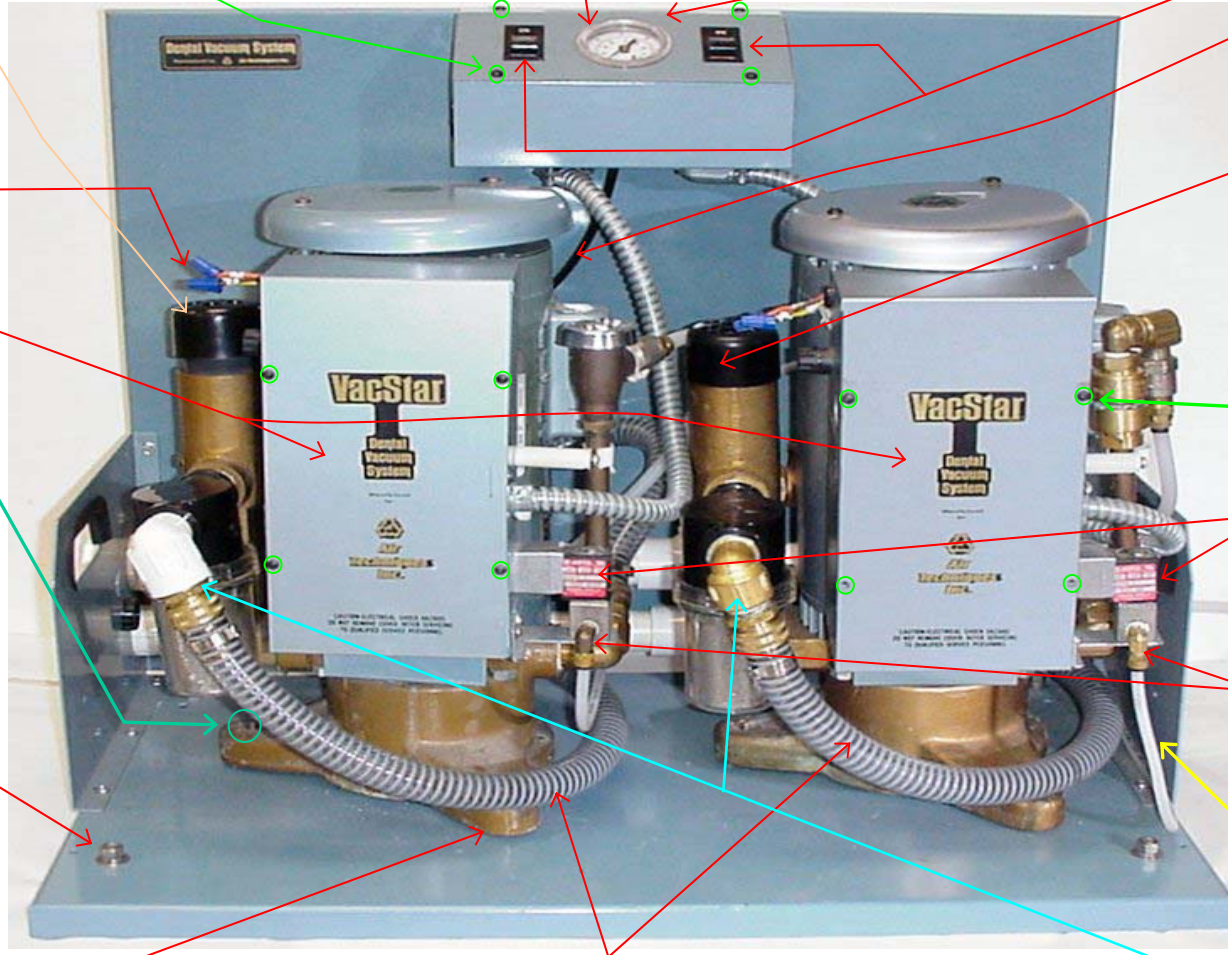
VACUUM RELIEF
VALVE P/N 55865
(NOT SHOWN INSIDE
OF MANIFOLD)
VACUUM RELIEF
CAP & FILTER
ASSY P/N 55093

SCREW 6-32 x 3/8
PHIL PAN HEAD
P/N 30863T (x8)

WATER SOLENOID
115 VOLT SQUARE
P/N 55519

PCONN ELBOW
1/8" MNPT x 1/4"
POLY P/N 28352

TUBING POLY 1/4"
RIGHT MOTOR
CUT TO 21"
P/N 55979



SHOCK MOUNT REPLACEMENT KIT
SET OF THREE P/N 55859 INCLUDES:
MOUNT VIBRATION P/N 55907 LOCK
WASHER 1/4" SPLIT P/N 30920 NUT 1/4-20
HEX P/N 40183 (NOT SHOWN)

SUCTION HOSE ASSY CUT TO 22" L. P/N 55935
INCLUDES: PCONN BARB 3/4" O.D. P/N 55621-1 FERRULE
THREADED 3/4" FGHT P/N 55621-2
HOSE CLAMP 1" P/N 55919
WASHER GARDEN HOSE P/N 41320
PCONN ADAPT 3/4" MNPT x 3/4" HOSE BARB P/N 55926

PCONN ELBOW 3/4" MNPT x 3/4" FNPT
BRASS P/N 55924 (COULD HAVE BEEN
PLASTIC AT ONE TIME)
PCONN ADAPTER 3/4" MNPT x 3/4"
MGHT P/N 55322

VACSTAR 5 PARTS BREAKDOWN HOUSING VIEW

HARNESS ASSY
ELECTRIC LEFT
MOTOR 18"
LONG CONDUIT
P/N 55931

SCREW #8 x 3/8
PHIL PAN HEAD
P/N 30862T

VACUUM GAUGE P/N 55860
PCONN ADAPTER 1/4" POLY
P/N 55803 (NOT SHOWN)

ELECTRICAL SWITCH
BOX ASSY
P/N 55970

POWER SWITCH
20 AMP (x2)
P/N 55993

HARNESS ASSY
ELECTRIC RIGHT
MOTOR 24"
LONG CONDUIT
P/N 55932

WATER
DISTRIBUTION
ASSY P/N 55930 SEE
PAGE 9
FOR DETAILS

TUBE POLY 1/4"
RIGHT PUMP CUT
TO 21"
P/N 55979

DISCHARGE HOSE
ASSY CUT TO 12 1/4"
LONG
P/N 55936
INCLUDES SAME
PARTS AS
P/N 55935

SUCTION HOSE ASSY CUT TO 22" L. P/N 55935
INCLUDES: PCONN BARB 3/4" O.D. P/N 55621-1 FERRULE
THREADED 3/4" FGHT P/N 55621-2
HOSE CLAMP 1" P/N 55919
WASHER GARDEN HOSE P/N 41320
PCONN ADAPT 3/4" MNPT x 3/4" HOSE BARB P/N 55926

3/4" BRASS
FNPT SWING
CHECK
VALVE
P/N 55928

INTAKE /
SUCTION
MANIFOLD W/
CHECK VALVES
P/N 55977

STANDOFF 1" O.D. P/N 55955
BOLT 5/16 -18 x 1 3/8 LONG
P/N 30850T LOCK WASHER
5/16 SPLIT P/N 30847T
NUT HEX 5/16-18 P/N 30845T

SHOCK MOUNT
REPLACEMENT KIT
SET OF THREE P/N
55859 INCLUDES:
MOUNT VIBRATION
P/N 55907 LOCK
WASHER 1/4" SPLIT
P/N 30920 NUT 1/4-20
HEX P/N 40183
(NOT SHOWN)

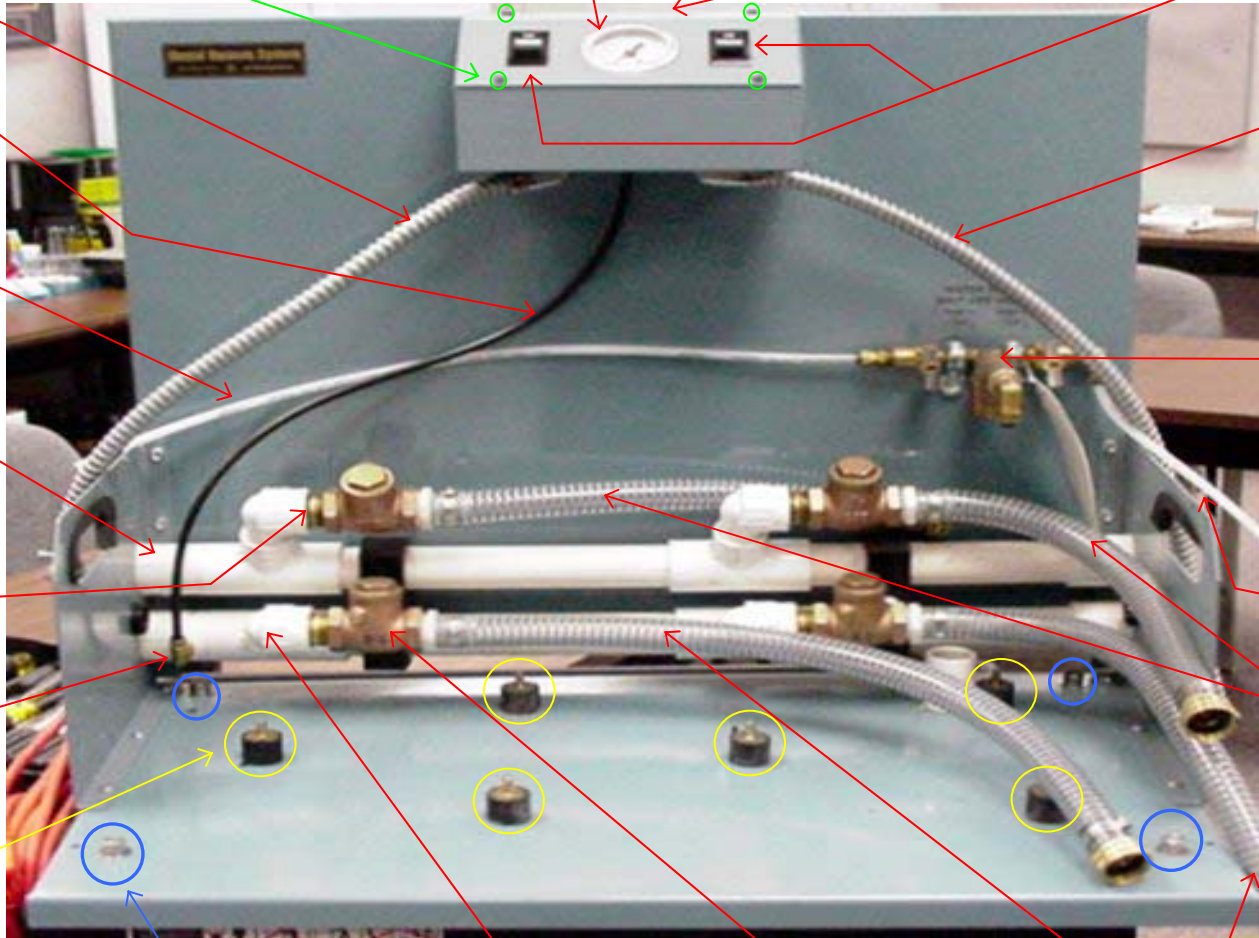
PCONN ELBOW 1/4"
MNPT x 1/4" POLY
P/N 55944

PCONN NIPPLE 3/4"
MNPT x 1 1/2" LONG
P/N 55627

DISCHARGE /
EXHAUST
MANIFOLD WITH
CHECK VALVES
P/N 55977

TUBE POLY 1/4"
LEFT PUMP CUT
TO 26" P/N 55982

TUBE POLY 1/4"
BLACK CUT TO 24"
(VACUUM) P/N 55983



VACSTAR 5 PARTS BREAKDOWN RIGHT SIDE VIEW

DRIP COVER FOR TOP OF
MOTOR WITH SPACERS P/N
55333

SCREW 10-24 x 1 3/4"
LONG PHIL PAN HEAD
P/N 30851T

N-9 VACUUM BREAKER
(OLD STYLE) SEE
PAGE 6-8 FOR DETAILS

CLAMP CABLE 1/2"
P/N 55445
SPACE 1/2" O.D. x 1 1/2"
LONG P/N 55446
SCREW 8-32 x 2" LONG
PHIL PAN HEAD
P/N 30893
WASHER LOCK #8 SPLIT
P/N 30263
WASHER # 8 FLAT
P/N 30052

TUBE POLY 3/8" CUT TO
LONG 13 1/2" P/N 55347

PCONN ELBOW 1/8" MNPT x
1/4" POLY P/N 28352

WATER SOLENOID 115
VOLT SQUARE P/N 55519

TUBE POLY 1/4" RIGHT
PUMP CUT TO 21" LONG
P/N 55979

RECEPTACLE ASSY FOR
SOUND COVER P/N 55429

HARNESS ASSY
ELECTRIC RIGHT MOTOR
24" LONG CONDUIT P/N
55932

TUBE POLY 1/4" BLACK
CUT TO 24" (VACUUM
LINE) P/N 55983

WATER DISTRIBUTION
ASSY P/N 55930 SEE PAGE
9 FOR DETAILS

CAPACITOR START
250-300 uF 1HP P/N 55683
COVER CAPACITOR
P/N 55675

RUBBER HANDLE GRIP
P/N 55940

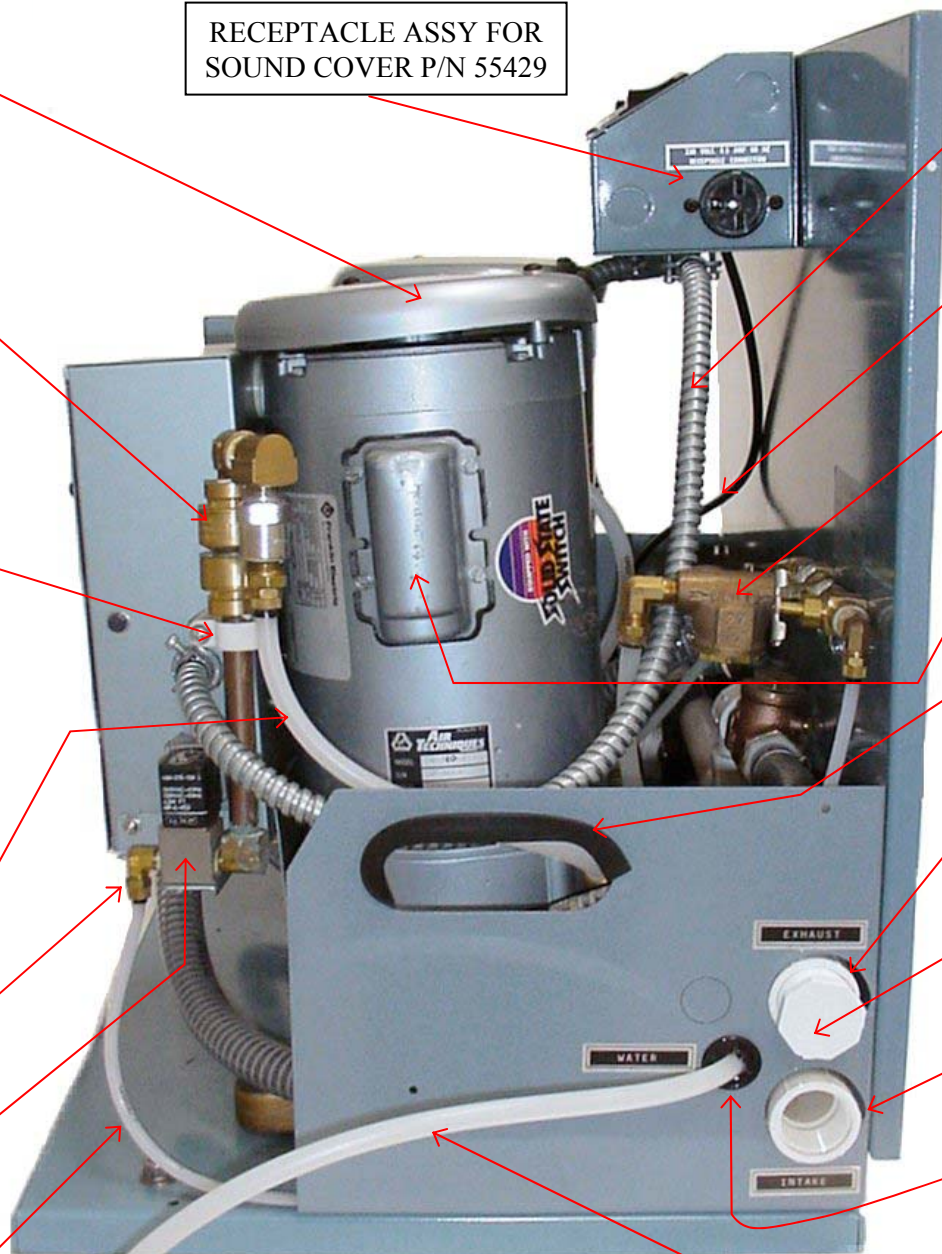
DISCHARGE / EXHAUST
MANIFOLD WITH CHECK
VALVES P/N 55977

PCONN PLUG 1" MNPT
WHITE PVC
P/N 55923

INTAKE / SUCTION
MANIFOLD W/ CHECK
VALVES P/N 55977

BUSHING 1" BLACK
P/N 49148

WATER INLET TUBING
3/8" (PER FT) P/N 19271



VACSTAR 5 PARTS BREAKDOWN LEFT SIDE VIEW

TUBE POLY ¼" BLACK
CUT TO 24" (VACUUM
LINE) P/N 55983

INLET MANIFOLD ASSY P/N
55601 INCLUDES:
55626, 55627, 55862, 55709,
55865 DOES NOT INCLUDE
GASKET INLET MANIFOLD
P/N 55615 (BETWEEN
MANIFOLD & HOUSING)

PCONN PLUG ¾" MNPT
P/N 55626

INTAKE MANIFOLD 1/8"
MNPT GAUGE PLUG
P/N 55938

PCONN NIPPLE ¾" x
1½" LONG P/N 55627

RUBBER HANDLE GRIP
P/N 55940

DISCHARGE / EXHAUST
MANIFOLD WITH CHECK
VALVES P/N 55977

PCONN PLUG 1" MNPT
WHITE PVC P/N 55923

INTAKE / SUCTION
MANIFOLD W/ CHECK
VALVES P/N 55977

BUSHING 1" BLACK
P/N 49148

RECEPTACLE ASSY FOR
SOUND COVER P/N 55429

DRIP COVER FOR TOP OF MOTOR
WITH SPACERS P/N 55333
SCREW 10-24 x 1¾" LONG
PHIL PAN HEAD P/N 30851T

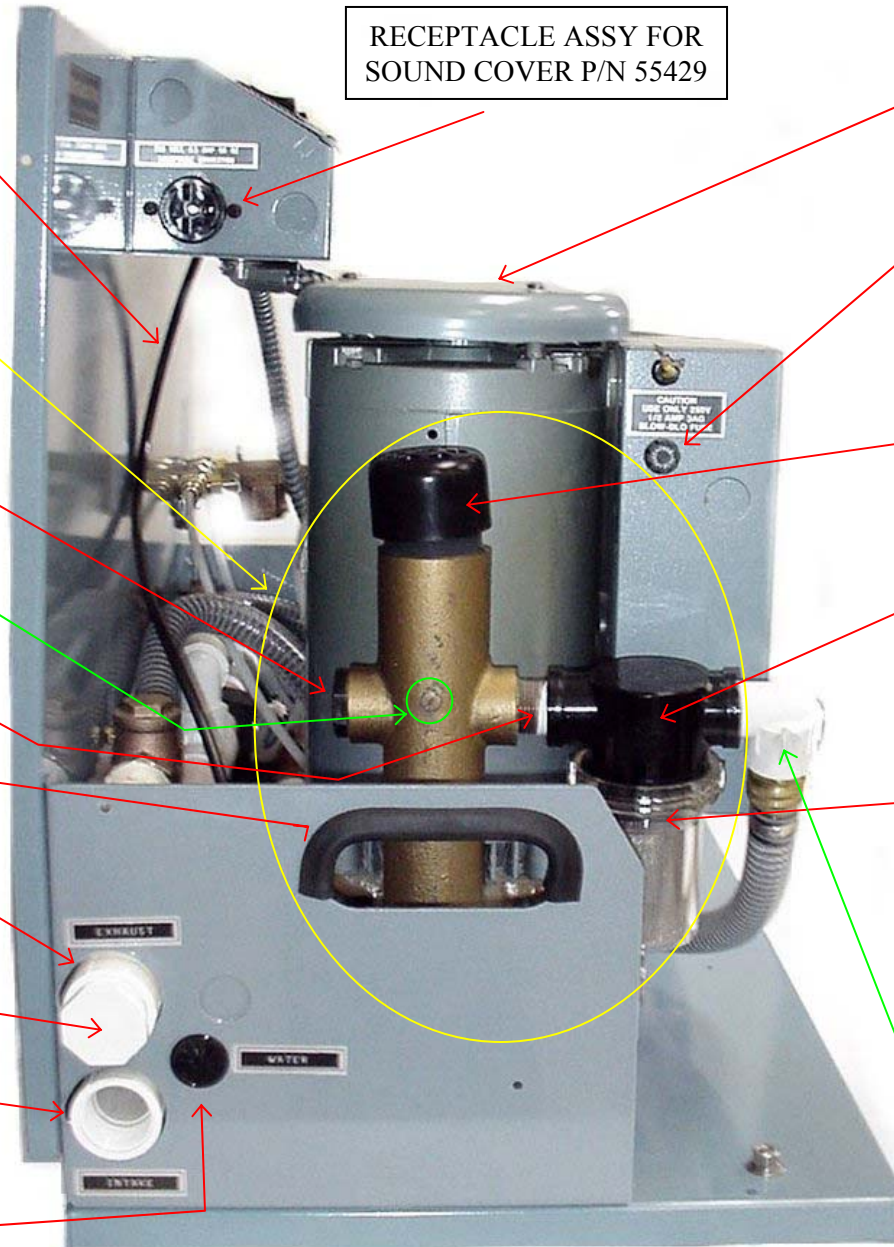
FUSE SLOW-BLOW ½"
AMP 250 VAC P/N 55869 PKG OF 5
FUSE HOLDER P/N 90219

VACUUM RELIEF VALVE CAP &
FILTER P/N 55709
VACUUM RELIEF VALVE
P/N 55865 (NOT SHOWN INSIDE OF
MANIFOLD)

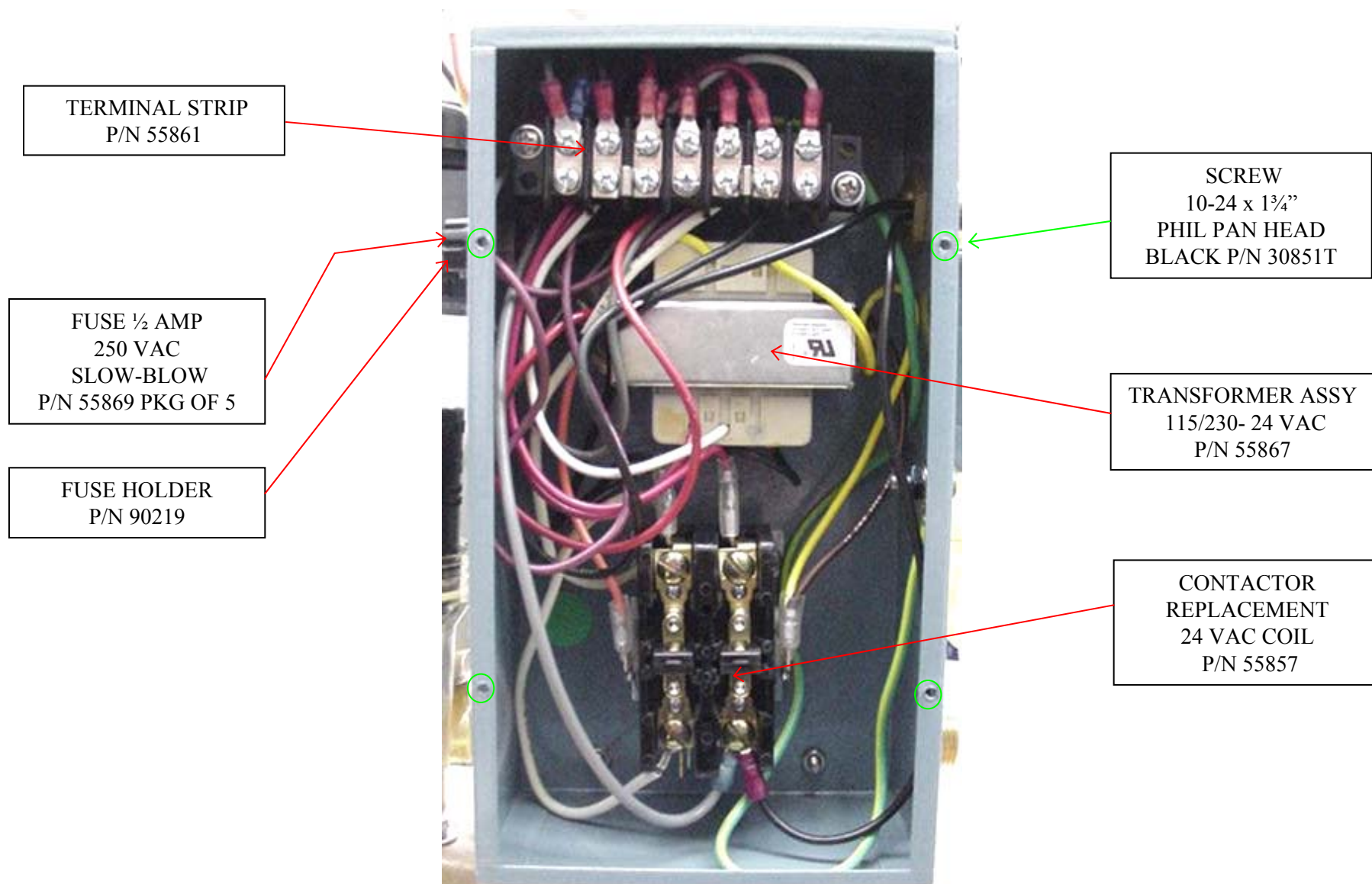
INLINE FILTER REPLACEMENT
HOUSING (BLACK) P/N 55862
INCLUDES: PARTS THAT
MAKE UP P/N 55880

FILTER BOWL REPLACEMENT KIT
P/N 55880 INCLUDES:
FILTER BOWL P/N 55629
40 MESH SCREEN P/N 55624
FILTER BOWL GASKET
P/N 55625

PCONN ELBOW ¾" MNPT x ¾"
FNPT BRASS P/N 55924
(COULD HAVE BEEN PLASTIC
AT ONE TIME)
PCONN ADAPTER ¾" MNPT x ¾"
MGHT P/N 55322



VACSTAR 5 PARTS BREAKDOWN ELECTRICAL BOX VIEW P/N 55970



VACSTAR 5 PARTS BREAKDOWN 1ST & 3RD GENERATION WATTS 288A

VACUUM BREAKER VIEW

VACUUM BREAKER
WATTS 288A P/N 55525
SEAL REPLACEMENT KIT
P/N 55517

NOTE: BREAKER BODY COULD
BE BROWN OR SHINY COPPER
IN COLOR

CLAMP CABLE ½" P/N 55445
SPACER .171ID x .50 OD x 1½"
LONG NYLON P/N 55446
SCREW 8-32 X 2" PHIL
PAN HEAD P/N 30893
WASHER FLAT # 8 P/N 30052
WASHER # 8 LOCK SPLIT
P/N 30263

KIT CONDUIT CONNECTION
ASCO P/N 55522R

BRACKET SOLENOID
P/N 55447P
SCREW 8-32 x 3/8 PHIL PAN
HEAD P/N 30423
WASHER # 8 FLAT P/N 30052
WASHER # 4 LOCK SPLIT
P/N 30403

PCONN ELBOW 1/8"
MNPT x ¼" POLY P/N 28352

FLOW REGULATOR
½ GPM P/N 55523

NOTE: ON SOME OLDER UNITS THE
FLOW RESTRICTOR WAS LOCATED
ON THE BOTTOM OF THE NIPPLE.
THERE WAS ALSO A PCONN ELBOW
P/N 55529 INSTALLED BETWEEN THE
VACUUM BREAKER AND THE FLOW
RESTRICTOR.

PCONN ADAPTER 3/8" MNPT x 3/8"
POLY BRASS P/N 55702

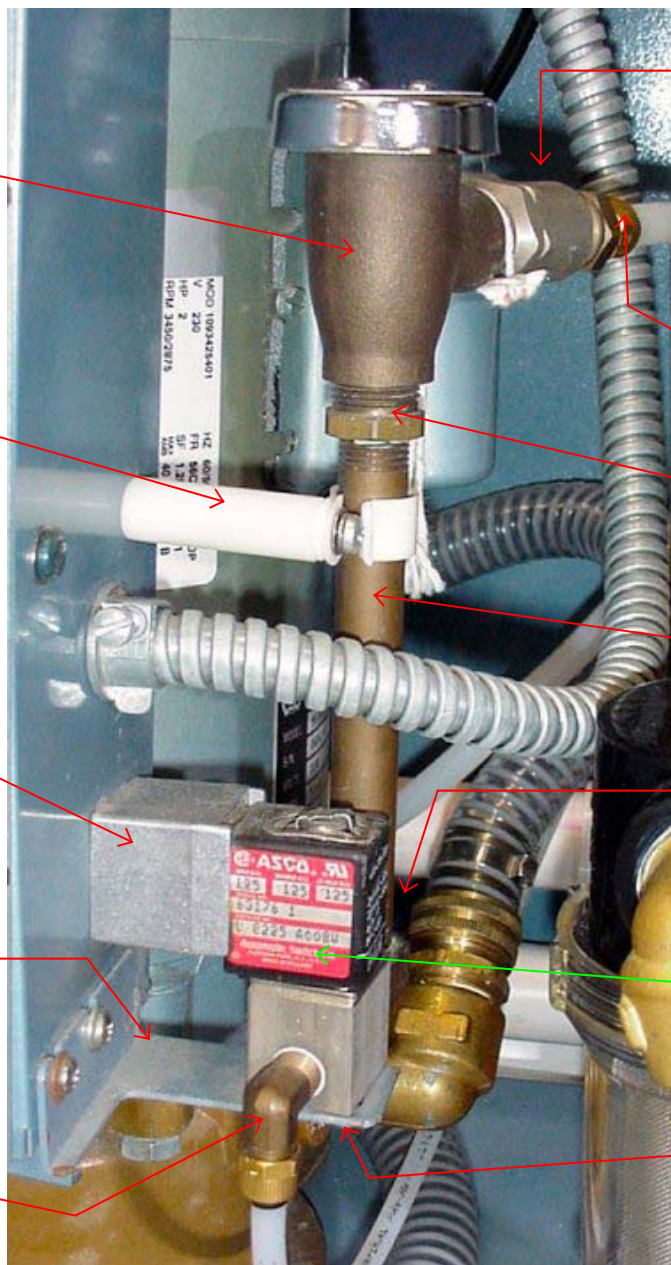
PCONN BUSHING 3/8" MNPT x ¼"
FNPT P/N 53051

PCONN NIPPLE ¼" MNPT x 7"
LONG P/N 30907
ALSO COULD HAVE BEEN A 5"
NIPPLE P/N 30892 AT ONE TIME

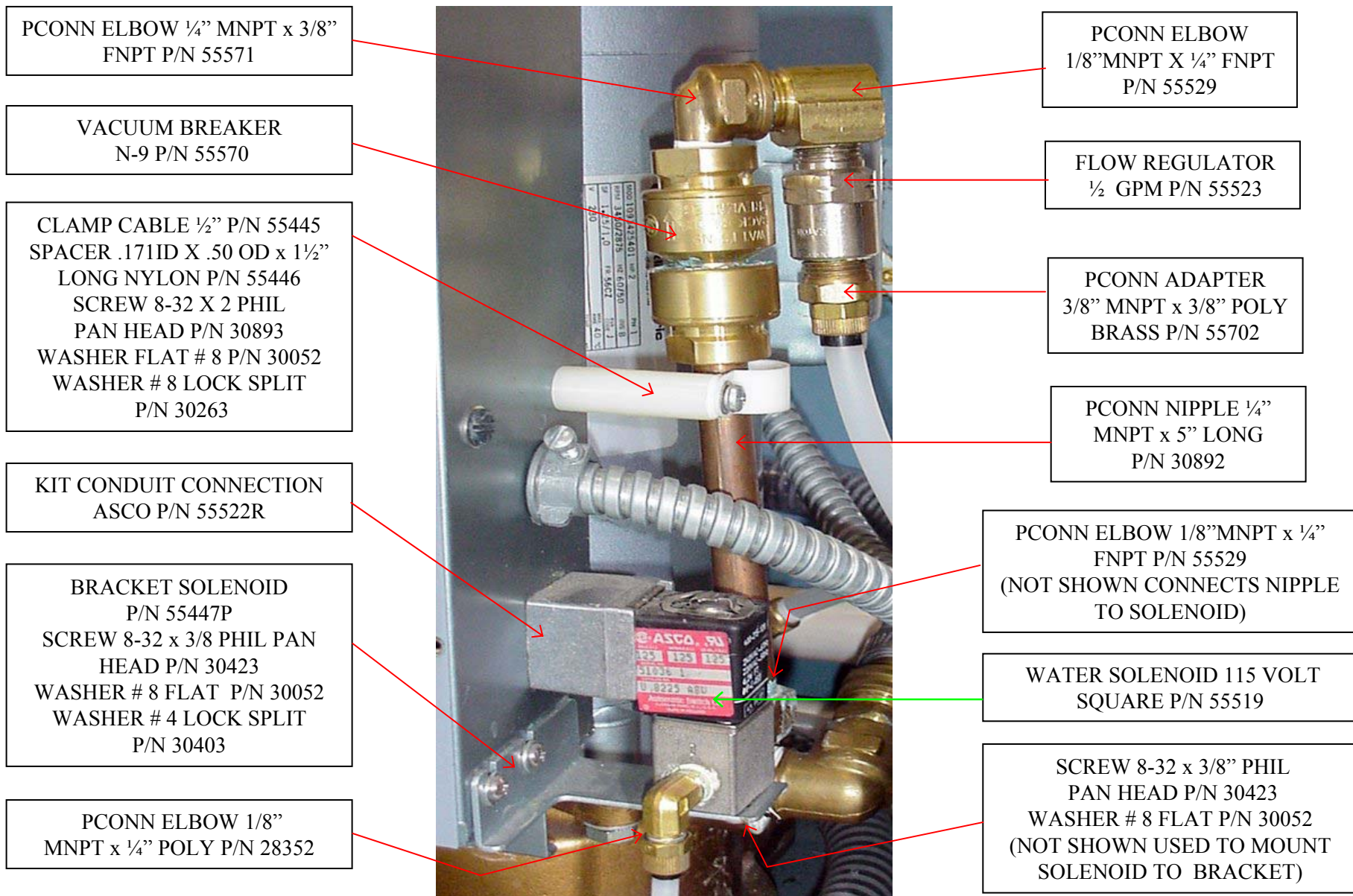
PCONN ELBOW 1/8" MNPT
x ¼" FNPT P/N 55529
(NOT SHOWN CONNECTS NIPPLE
TO SOLENOID)

WATER SOLENOID 115 VOLT
SQUARE P/N 55519

SCREW 8-32 x 3/8" PHIL
PAN HEAD P/N 30423
WASHER # 8 FLAT P/N 30052
(NOT SHOWN USED TO MOUNT
SOLENOID TO BRACKET)



VACSTAR 5 PARTS BREAKDOWN 2ND GENERATION N-9 VACUUM BREAKER VIEW



**NOTE: TO CONVERT TO THE NEW STYLE WATTS 288A
VACUUM BREAKER ORDER P/N 55510 WATER SYSTEM CONVERSION KIT**

VACSTAC 5 PARTS BREAKDOWN NEW STYLE WATER SYSTEM VIEW P/N 55505 FOR INDIVIDUAL REPLACEMENT PUMPS NEW & REBUILT

VACUUM BREAKER
WATTS 288A P/N 55525
SEAL
REPLACEMENT KIT
P/N 55517

PCONN ELBOW
1/4" MNPT x 1/4" POLY
P/N 55944

STRAINER 60 MESH 1/4"
FNPT P/N 55909
NOTE: BRASS
STRAINER REPLACES
BLACK PLASTIC "Y"
STRAINER P/N 55108

PCONN ELBOW 1/4"
FNPT x 1/4" MNPT
P/N 56103

PCONN BUSHING 1/4"
MNPT x 1/8" FNPT
P/N 3179

IN MARCH 2002 NEW CHANGE P/N 3179 & 3187 WERE
COMBINED TO ONE FITTING PCONN NIPPLE REDUCING
1/4" MNPT x 1/8" MNPT P/N 56102

PCONN NIPPLE
1/8" MNPT HEX P/N
3187

SOLENOID VALVE 115 VOLT
REPLACEMENT KIT P/N 55020

PCONN ADAPTER
3/8" MNPT x 3/8" POLY
BRASS P/N 55702

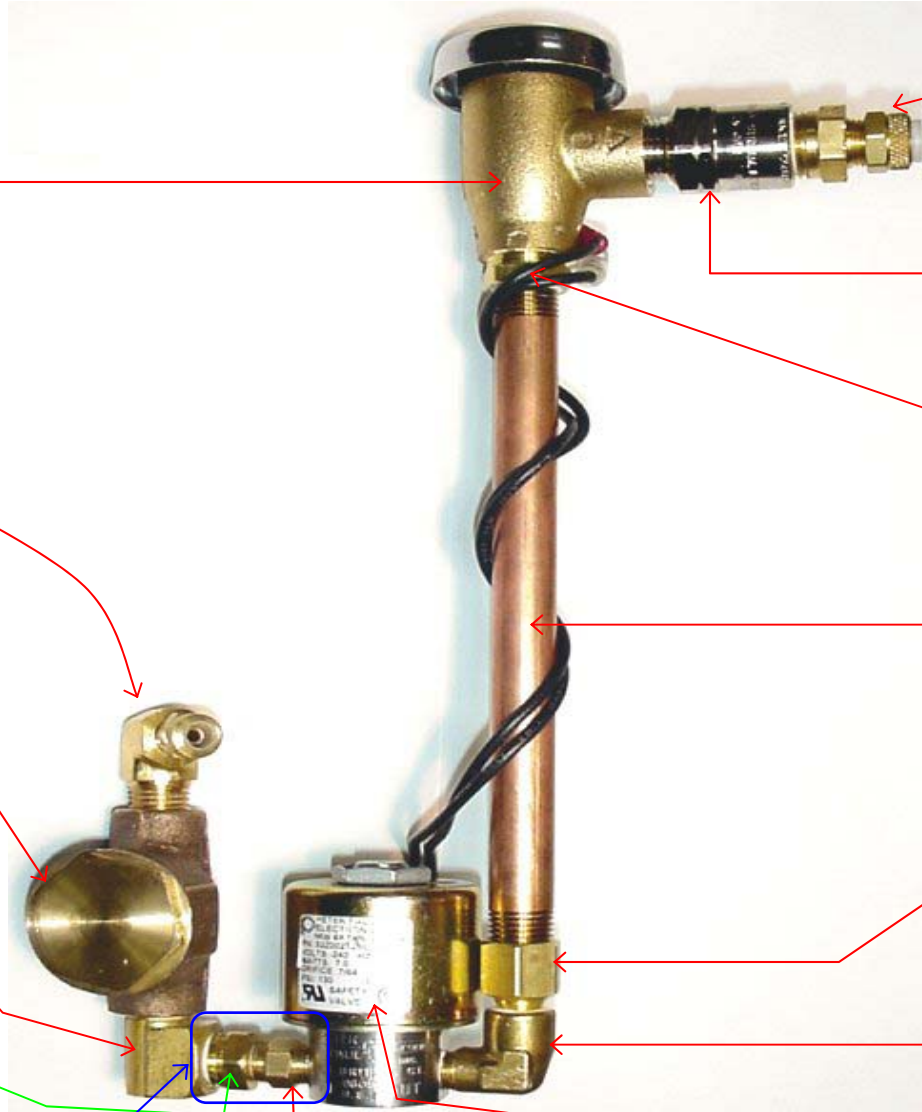
FLOW REGULATOR
1/2 GPM P/N 55523

PCONN BUSHING 3/8"
MNPT x 1/4" FNPT
P/N 53051

PCONN NIPPLE 1/4"
MNPT x 7" LONG
P/N 30907

PCONN ADAPTER
1/4" FNPT x 1/8" MNPT
P/N 3874

PCONN ELBOW 1/8"
MNPT x 1/8" FNPT
P/N 38357



VACSTAR 5 PARTS BREAKDOWN WATER DISTRIBUTION ASSY P/N 55930

PCONN ADAPTER ¼"
MNPT x ¼" POLY
P/N 55532

WATER VALVE
SHUTOFF ¼ MNPT
x ¼" FNPT P/N 3848

PCONN TEE ¼" FNPT
(x2) x ¼" MNPT
P/N 55937

WATER SUPPLY LABLE TWIN UNITS
P/N 55967
NOTE: DOES NOT COME WITH P/N 55930

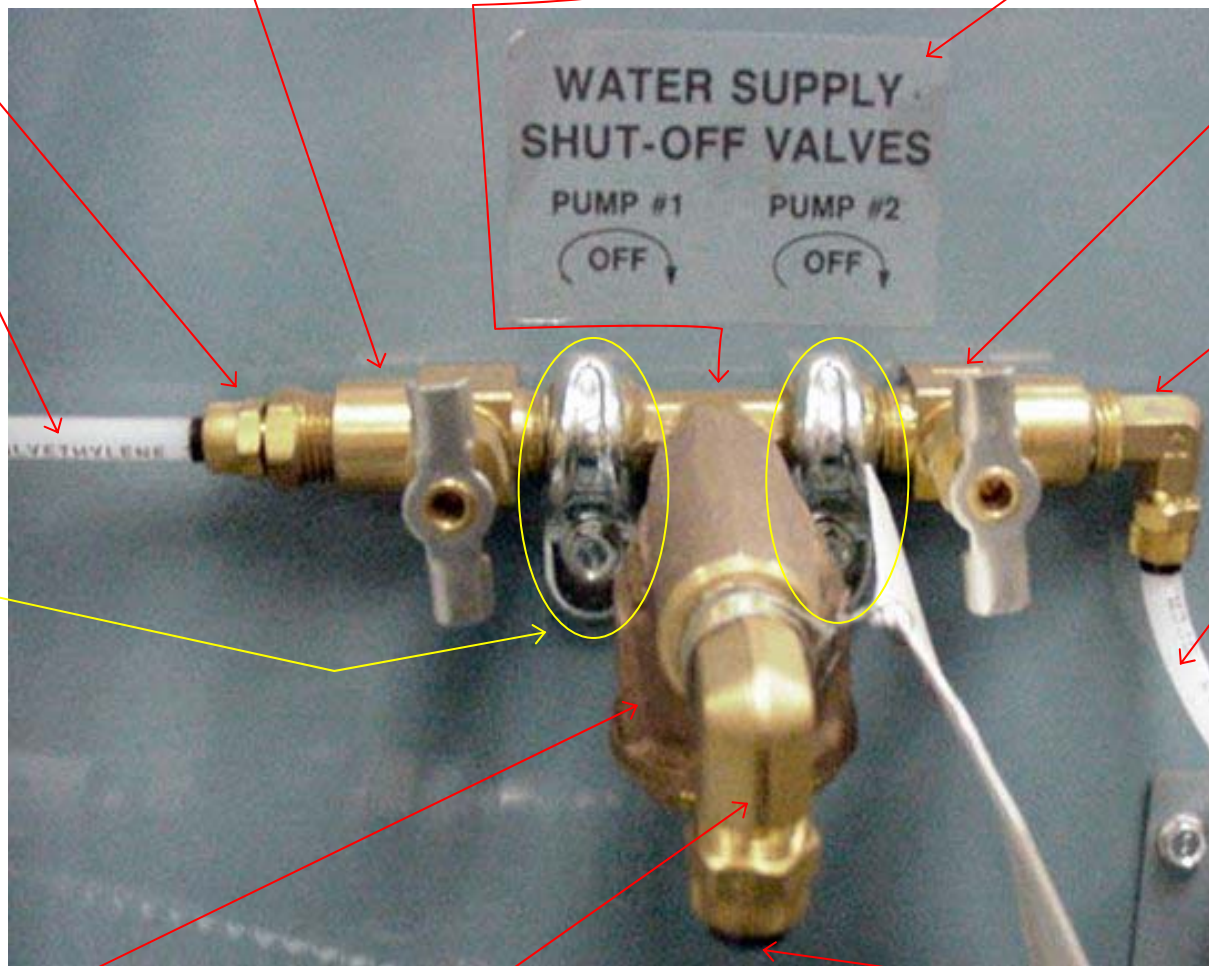
TUBE POLY ¼"
LEFT PUMP CUT
TO 26" P/N 55982
NOTE: DOES NOT
COME WITH
P/N 55930

WATER VALVE
SHUTOFF
¼ MNPT x ¼" FNPT
P/N 3848

PCONN ELBOW ¼
MNPT x ¼" POLY
P/N 55944

TUBE POLY ¼"
RIGHT PUMP
CUT TO 21"
P/N 55979
NOTE: DOES NOT
COME WITH
P/N 55930

CLAMP PIPE ½" P/N
55946
SCREW 10-24 x ½"
THREAD FORM
HEX P/N 30711
NOTE: DOES NOT
COME WITH
P/N 55930



WATER STRAINER
WATTS 60 MESH
¼" FNPT P/N 55909

PCONN ELBOW ¼
MNPT x ¾" POLY
P/N 55804

TUBE POLY ¾" (CUT PER FT) P/N 19271
(NOT SHOWN CONNECTS TO INCOMING WATER
SUPPLY) NOTE: DOES NOT COME WITH P/N 55930