

BAPTISTRY HEATER AND CONTROL SYSTEM

AUTOMATIC DRAIN, FILL AND WATER LEVEL INSTALLATION MANUAL



HYDROQUIP – 510A N. SHERIDAN ST. – CORONA, CA 92880

KIT CONTENTS

48-0140F-K WATER FILL/LEVEL KIT (FLOAT) INCLUDES:

- 48-0042-K – SYSTEM INTERFACE MODULE
- 48-0143-K – WATER FILL ASSY.
- 48-0141C-K – WATER LEVEL KIT (FLOAT)
- 42-0074 – WALL FITTING, FILL
- 42-0074A – WALL FITTING, OVERFLOW/DRAIN (X2)
- 36-0004A – AIR BUTTON
- 64-0012 - LONG DISTANCE AIR TUBING (15')

48-0140P-K WATER FILL/LEVEL KIT (PSI SWITCH) INCLUDES:

- 48-0042-K – SYSTEM INTERFACE MODULE
- 48-0143-K – WATER FILL ASSY
- 48-0148-K – WATER LEVEL KIT (PSI SWITCH)
- 42-0074 – WALL FITTING, FILL
- 42-0074A – WALL FITTING, OVERFLOW/DRAIN (X2)
- 36-0004A – AIR BUTTON
- 64-0012 - LONG DISTANCE AIR TUBING (15')

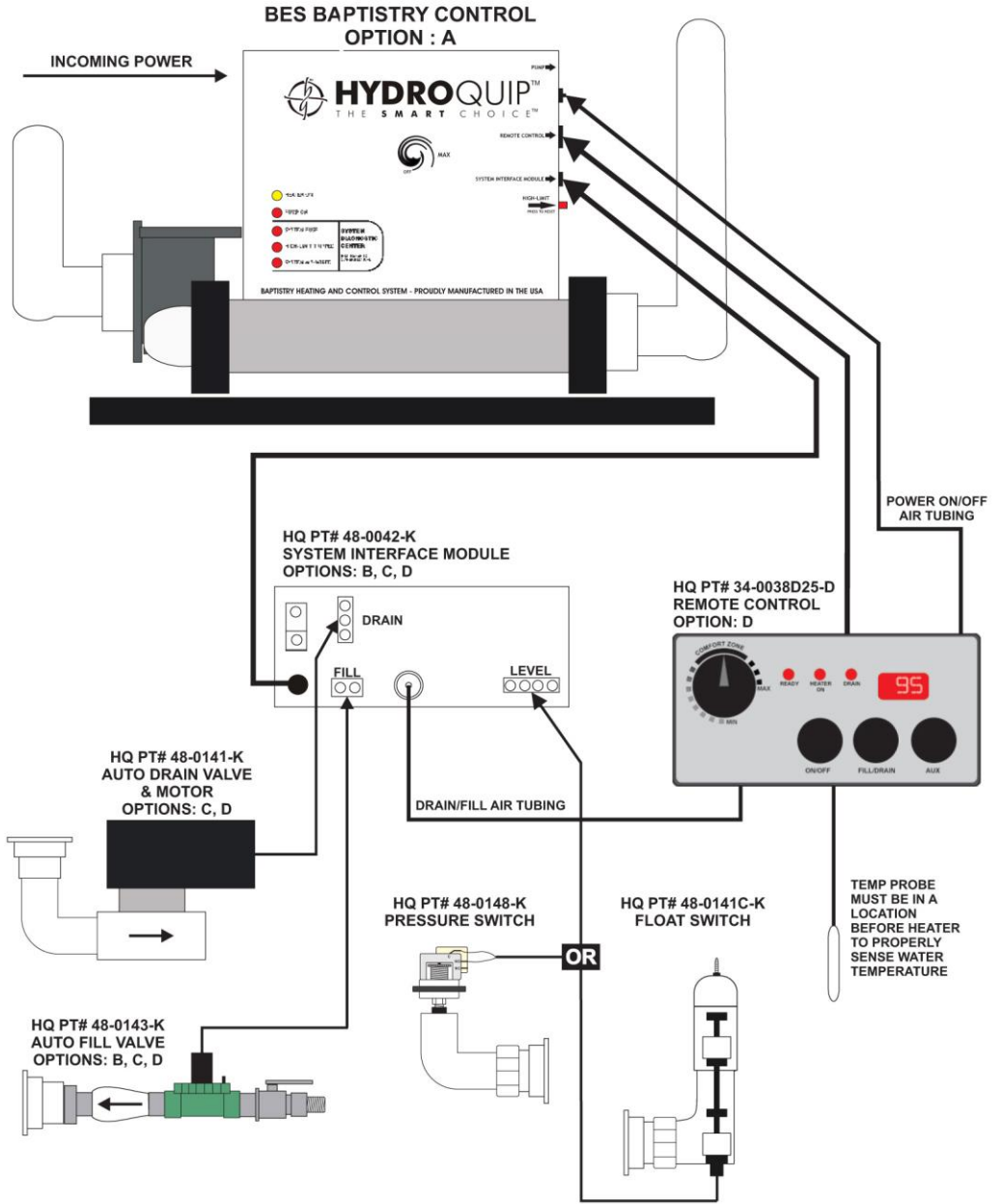
48-0141-K DRAIN CONTROL KIT INCLUDES:

- 42-0061 – DRAIN VALVE ACTUATOR/MOTOR
- 42-0062 – 2-WAY VALVE ASSY
- 42-0074A – WALL FITTING, OVERFLOW/DRAIN (X2)

34-0038D25-D REMOTE CONTROL KIT INCLUDES:

- 34-0037D25-A – REMOTE CONTROL
- 80-0132D-BES – REMOTE CONTROL OVERLAY/LABEL
- 42-0047 – 2" X 2" X ½" FPT PVC "T"
- 39-0001 – LIQUID TIGHT BUSHING
- 42-0001 – 2" X 1.5" PVC REDUCER BUSHING (X2)
- 64-0012 – LONG DISTANCE AIR TUBING (75')

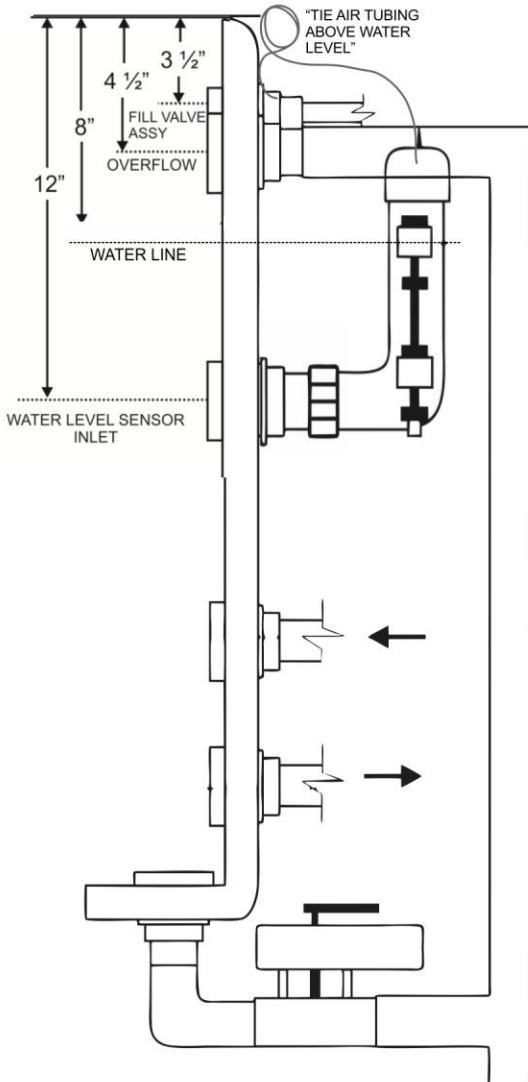
BES COMPONENT



CONNECTIONS

****REFER TO EQUIPMENT SYSTEM OWNERS MANUAL FOR MORE DETAILS****

FLOAT SWITCH LEVEL KIT PLUMBING DIAGRAM

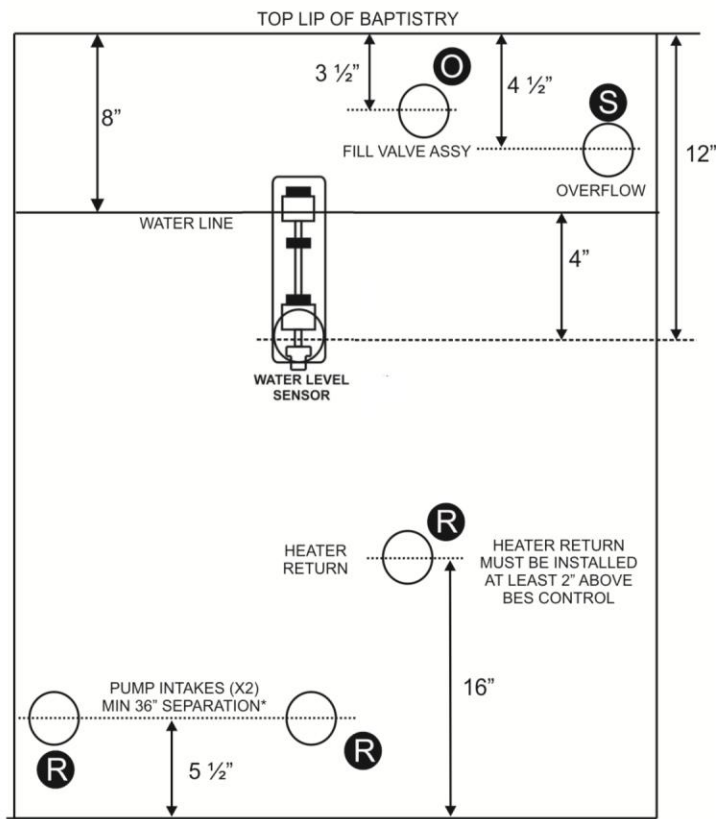


HOLE SIZE CHART

FITTING	PART NUMBER	HOLE SIZE
PUMP INTAKE	42-0004	2 3/8"
HEATER DISCHARGE	42-0004	2 3/8"
OVERFLOW	42-0074A	2 3/8"
WATER LEVEL SENSOR	42-0074A	2 3/8"
FILL VALVE ASSY	42-0074	2 3/8"

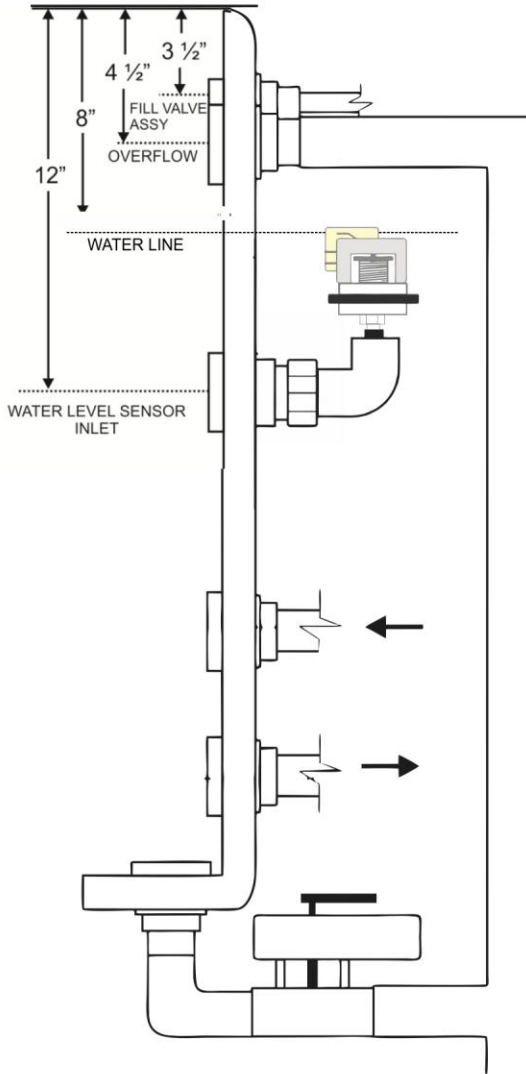
HOLE LEGEND

- (R)** - Required
- (S)** - Suggested
- (O)** - For optional component



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PRESSURE SWITCH LEVEL KIT PLUMBING DIAGRAM

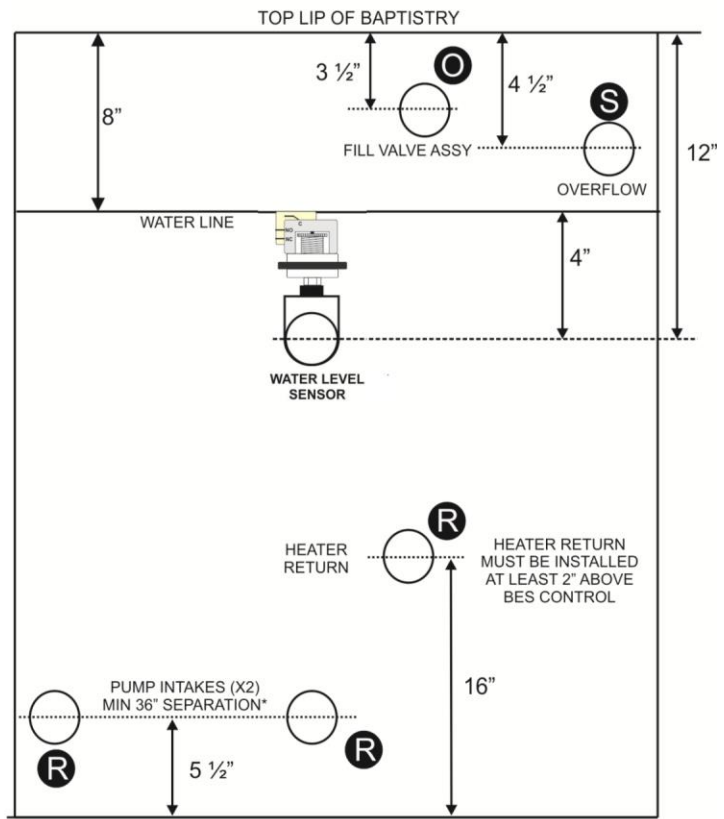


HOLE SIZE CHART

FITTING	PART NUMBER	HOLE SIZE
PUMP INTAKE	42-0004	2 3/8"
HEATER DISCHARGE	42-0004	2 3/8"
OVERFLOW	42-0074A	2 3/8"
WATER LEVEL SENSOR	42-0074A	2 3/8"
FILL VALVE ASSY	42-0074	2 3/8"

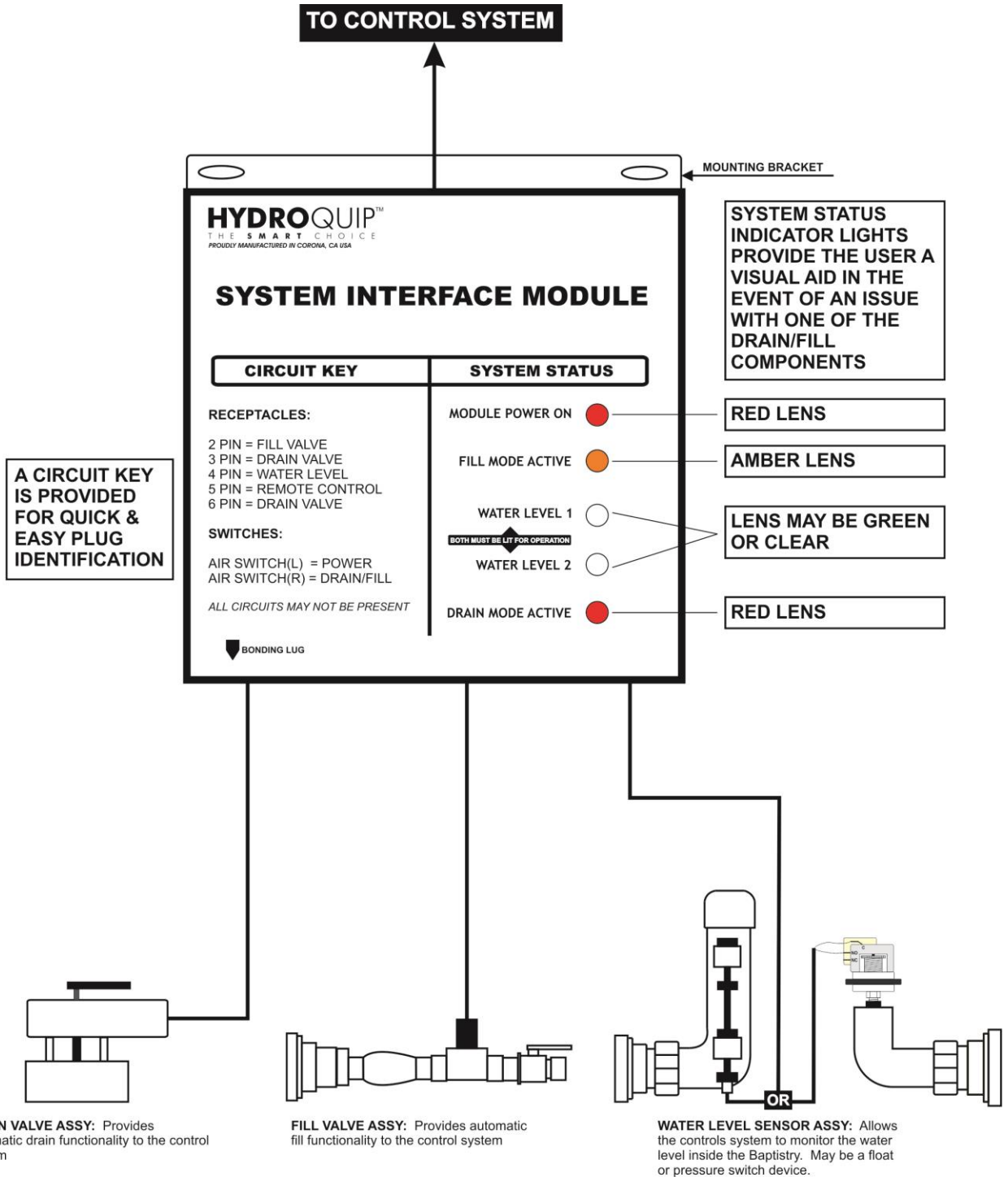
HOLE LEGEND

- (R)** - Required
- (S)** - Suggested
- (O)** - For optional component



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SYSTEM INTERFACE MODULE



SEE NEXT PAGE FOR IMPORTANT TIPS

PLUMBING AND AUTO-FILL TIPS

PLUMBING TIPS:

- **MEASURE TWICE DRILL ONCE**
- **DRY-FIT PLUMBING BEFORE HOLES ARE DRILLED**
- **FLEXIBLE PVC SHOULD BE USED BETWEEN EQUIPMENT AND BAPTISTRY**
- **ALWAYS USE COMPATIBLE ADHESIVES AND PRIMERS**

AUTO-FILL VALVE TIPS:

- **MAY BE INSTALLED ANYWHERE**
- **VALVE ASSY CAN BE EFFECTED BY WEIGHT, SUPPORT IF NECESSARY**
- **FILL ASSY CAN BE PLUMBED VERTICALLY OR HORIZONTALLY**
- **TO BYPASS FILL VALVE LOSSEN SMALL BLACK SCREW NEXT TO SOLENOID**

AUTO-DRAIN VALVE TIPS:

- **IF SYSTEM IS DRAINING AND FILLING AT THE SAME TIME FLIP TOGGLE SWITCH ON DRAIN VALVE TO OPPOSITE POSITION**
- **DO NOT ATTEMPT TO TURN VALVE BY HAND, PERMANENT DAMAGE WILL OCCURE.**

