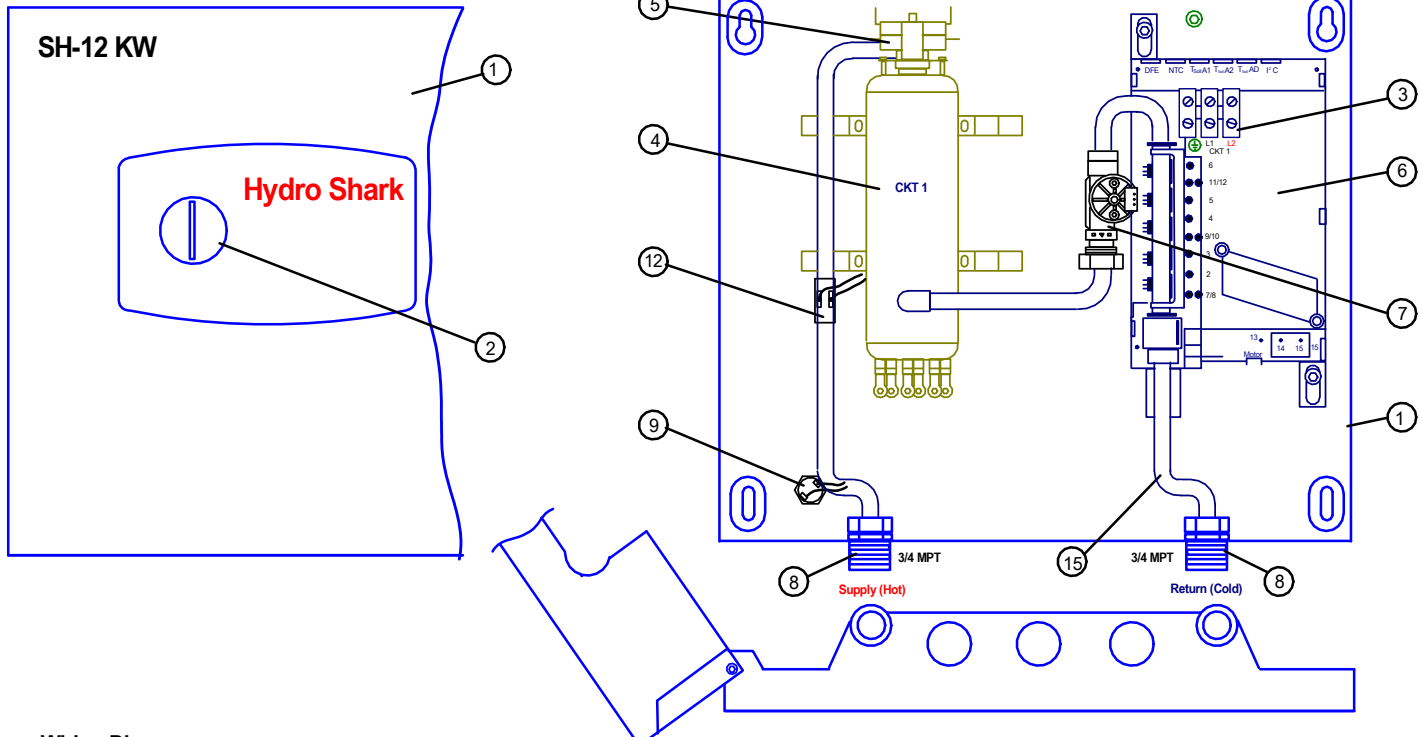
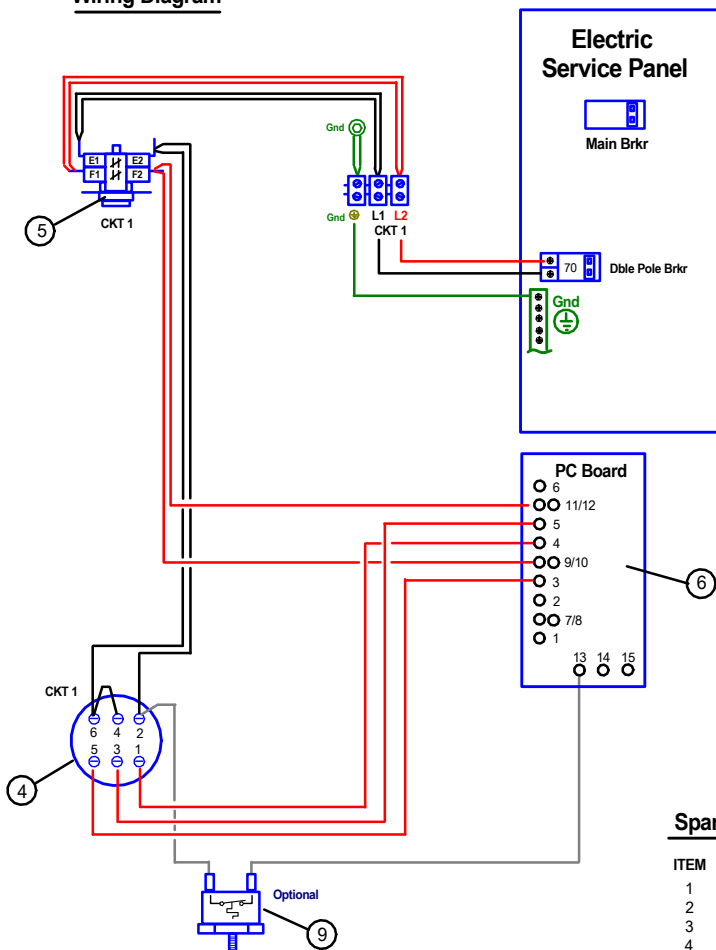


SH-12 Hydro Shark Electric Boiler



Wiring Diagram



Wiring Data

Element Short to Gnd (High Limit Trip)

1 - $\frac{1}{2}$ Open

2 - $\frac{1}{2}$ Open

3 - $\frac{1}{2}$ Open

Element Continuity

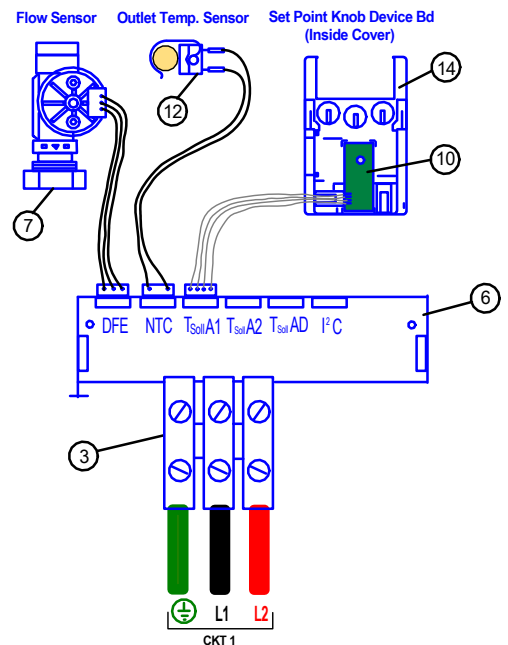
Element 6-3 3.36 KW, 240 Vac, 14.0 A, 17 Ohms

Element 4-1 3.36 KW, 240 Vac, 14.0 A, 17 Ohms

Element 2-5 5.28 KW, 240 Vac, 22.0 A, 11 Ohms

12 KW (1) = 12 KW

Sensor Connections PCBD



Spare Parts

ITEM	P/N	DESCRIPTION
1	286356	Housing, SH12 thru SH-36
2	254307	Control Knob
3	279998	Wiring Block, 3 - Position
4	286360	Heating Element Assy, SH-12
5	286369	High Limit Safety Cut Out, All Models
6	286366	PC Board, SH-12
7	286461	Flow Sensor
8	278698	Supply-Return Fluid Connections
9	SHHLOT	High Limit Outlet Temperature
10	286359	Set Point Knob Device Bd Assy
11	N/A	N/A
12	280677	Outlet Temperature Sensor
13	N/A	N/A
14	280730	Set Point Knob Case
15	278695	Inlet Pipe Elbow

Element Metrics

SH-12 KW

CKT	KW	Volts	Wire AWG Size (Copper)	Breaker (Dbl Pole)	Amp Draw (Max)
CKT 1	12 KW	240 V	4-2 W/Gnd	(1) 70 Amp	50 Amp

Boiler wiring sized for continuous duty.

All wiring to be installed to the National Electric Code.