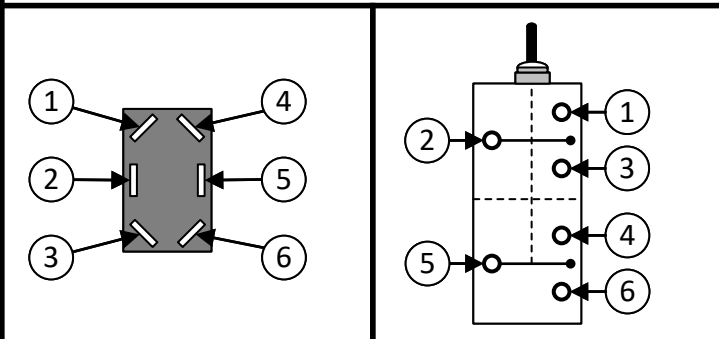


Control System:  
 • Manual System  
 • 110VAC/12VDC/24VDC/Battery/Solar

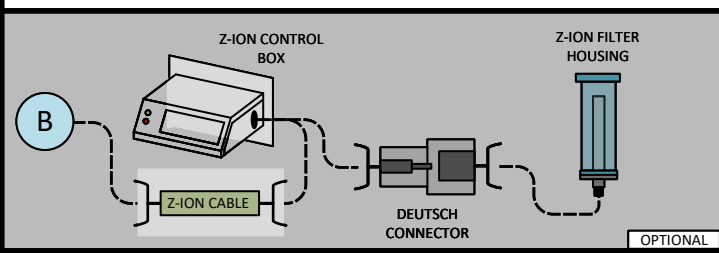
Applicable System Numbers:  
 • AF-200-EX-FL  
 • AF-360-EX-FL

**Detail View 2: DPDT Switch Operational Schematic**



**RUN (AUTO):** MIDDLE – NO CONNECTIONS MADE  
**RUN (MANUAL):** UP – PIN 2 TO PIN 3, PIN 5 TO PIN 6  
**RUN (SERVICE):** DOWN – PIN 2 TO PIN 1, PIN 5 TO PIN 4

**Detail View 1: Z-Ion Wiring/Connection (Optional)**

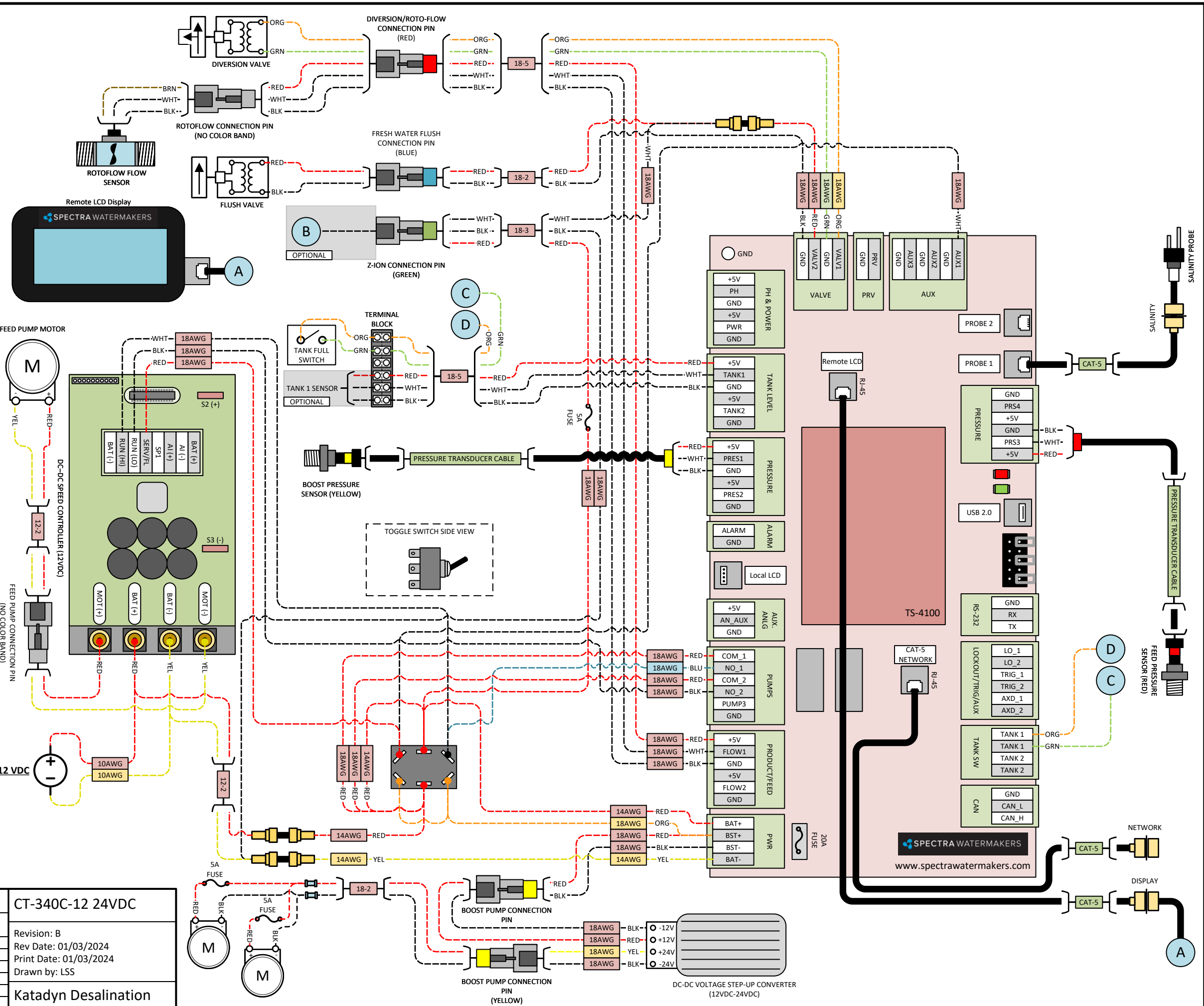


**List of Symbols: KEY**

BLK	WIRE COLOR LABEL – INDICATES A BLACK WIRE
RED	WIRE COLOR LABEL – INDICATES A RED WIRE
YEL	WIRE COLOR LABEL – INDICATES A YELLOW WIRE
ORG	WIRE COLOR LABEL – INDICATES A ORANGE WIRE
GRN	WIRE COLOR LABEL – INDICATES A GREEN WIRE
BLU	WIRE COLOR LABEL – INDICATES A BLUE WIRE
BRN	WIRE COLOR LABEL – INDICATES A BROWN WIRE
18-2	WIRE GAUGE LABEL – INDICATES A GAUGE FOR A CABLE OF MULTIPLE WIRES, FORMATED AS {WIRE GAUGE}-{NUMBER OF WIRES IN CABLE}
18AWG	WIRE GAUGE LABEL – INDICATES A GAUGE FOR A SINGLE WIRE
⚡	FUSE – NECESSARY SIZING INFORMATION CALLED OUT ON WIRING DIAGRAM
♂/♀	CONNECTION – MALE/FEMALE SPADE WIRE TERMINAL
⚡	CONNECTION – BUTT CONNECTOR WIRE TERMINAL
—	WIRING – SINGLE WIRE CUSTOM – SOLAR CHARGING CABLE
- - -	WIRING – SINGLE WIRE BLACK OR WHITE – TYPICAL COMM COLOR
- - -	WIRING – SINGLE WIRE RED – TYPICAL DC POWER POSITIVE COLOR
- - -	WIRING – SINGLE WIRE YELLOW – TYPICAL DC POWER NEGATIVE COLOR
- - -	WIRING – SINGLE WIRE ORANGE – TYPICAL FUSE WIRING COLOR
- - -	WIRING – SINGLE WIRE GREEN – TYPICAL GROUNDING COLOR
- - -	WIRING – SINGLE WIRE BLUE – TYPICAL SIGNALING COLOR
- - -	WIRING – SINGLE WIRE BRN – NOT A TYPICAL COLOR
A	NOTATION – WIRE CONTINUITY SYMBOL INDICATES CONTINUITY BETWEEN MATCHING ALPHABETIC SYMBOLS – LARGE ALPHABETIC CIRCLE

**Revision History: CT-340C-12/24V**

Rev No:	Date:	Description:
A	08/21/2023	Initial Wiring Diagram for Catalina CT-340-12 24V, 12VDC/24VDC
B	01/03/2024	Updated to Include Dual Boost Pumps - JCM



**CT-340C-12 24VDC**

Revision: B  
 Rev Date: 01/03/2024  
 Print Date: 01/03/2024  
 Drawn by: LSS  
 Katadyn Desalination

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