

i-Link Zone Valve Controls

Intelligent Linking Concept for Zone Controls

NEW



- UNLIMITED ZONE EXPANSION
- PRIORITY TIMER PROTECTION
- END SWITCH DELAY TIMER FOR TWO WIRE TYPE ZONE VALVE

AZEL TECHNOLOGIES INC.

www.infloor.com

i-Link :LEADING CONTROLS FOR THE 21ST CENTURY

The **i-Link** series Zone Valve Controls simplify the field wiring and yet control up to six zone valves in a multi-zone hydronic heating system. The contractor friendly Printed Circuit Board eliminates the problem caused by incorrect wiring and saves hours of installation time. There would be no more "messy" look of conventional zone valve installations.

Intelligent Linking System (*i-Link*) allows unlimited zone expansion with additional *i-Link* controllers. Field selectable priority with Priority Protection Timer ensures other zones get heat every one hour and prevents freeze-ups in the event of a priority zone failure. The End Switch delay timer let the two wire type zone valves fully opened before turning on the circulator. The panel provides EZ screwless terminal blocks for connections to the thermostats and zone valves. In addition, LED indicators on the front panel provide functional status and easy troubleshooting.

From design to manufacture, each **i-Link** unit is built on the foundations of quality and reliability. Azel products are quality controlled in order to achieve "total customer satisfaction" - a foundation that you can rely on.

GENERAL FEATURES:

- Front panel indicator lights
- Field selectable Priority
- Priority timer for protection of a priority zone malfunction and prevention of freeze-ups in the heating zones
- Unlimited zone expansion
- Dual Isolated End Switches for SZ-84/86DX
- Three-minute End Switch delay timer for two wire type zone valve applications. Circulator will start only after the zone valve is fully opened.
- DIP switch for easy setup of two wire type zone valve applications. No need to hook up wire jumper on the third and fourth terminals on each zone
- Works with two, three or four wire type zone valves and thermostats
- Compact and modern design
- Safety design with all electronic components hiding behind the enclosure for SZ-84/86DX
- Fuse protection
- Simplified wiring
- Contractor friendly PCB layout
- Easy-Connect Screwless Terminals
- 24VAC transformer output with common terminal provides compatibility with electronic thermostats
- Universal thermostat compatibility
- 100% Factory Tested
- Extended three year warranty

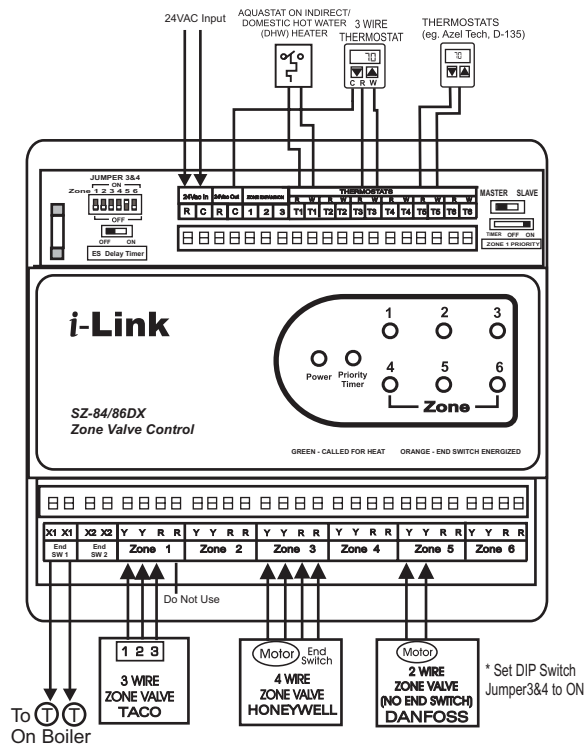
ADDITIONAL FEATURES FOR SZ-V4/SZ-V6

- Isolated End Switch
- Pre-wired terminals for circulator
- SPDT Priority zone relay switch (N/O Com N/C). Capable of prioritizing DHW pump in a 2-pump system
- 50VA replaceable transformer

30062 with both covers removed



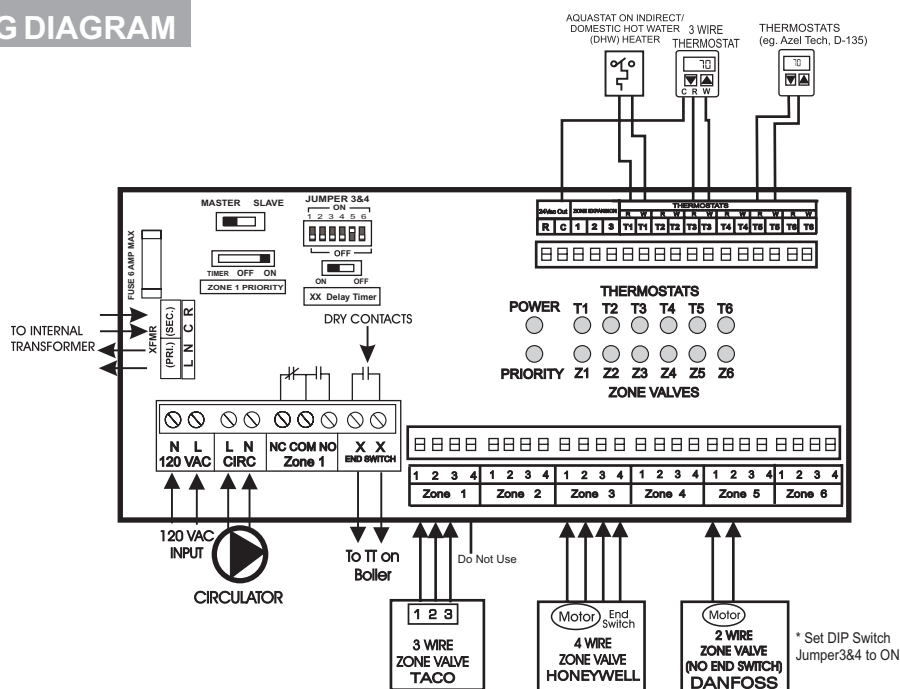
Wiring Diagram



30064 WITH COVER REMOVED



TYPICAL WIRING DIAGRAM



SPECIFICATIONS

Model: 30061 4 Zone Valve Control
 30062 6 Zone Valve Control
Power Supply: 24 VAC, 50/60Hz
Dimensions: 6 3/8"(W) x 6 5/8"(H) x 2 3/4"(D)
Electrical Switch Rating: 10 A 1/3 HP @ 120VAC
Thermostat Anticipator Setting: 0.18 A
Enclosure: Flame Retardant Plastic 94V0
Shipping Weight: 3 lbs.

Model: 30063 4 Zone Valve Control with transformer
 30064 6 Zone Valve Control with transformer
Power Supply: 120 VAC, 50/60Hz
Dimensions: 11"(W) x 6 5/8"(H) x 3"(D)
Electrical Switch Rating: 10 A 1/3 HP @ 120VAC
Thermostat Anticipator Setting: 0.18 A
Enclosure: Aluminum
Shipping Weight: 5 lbs.

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