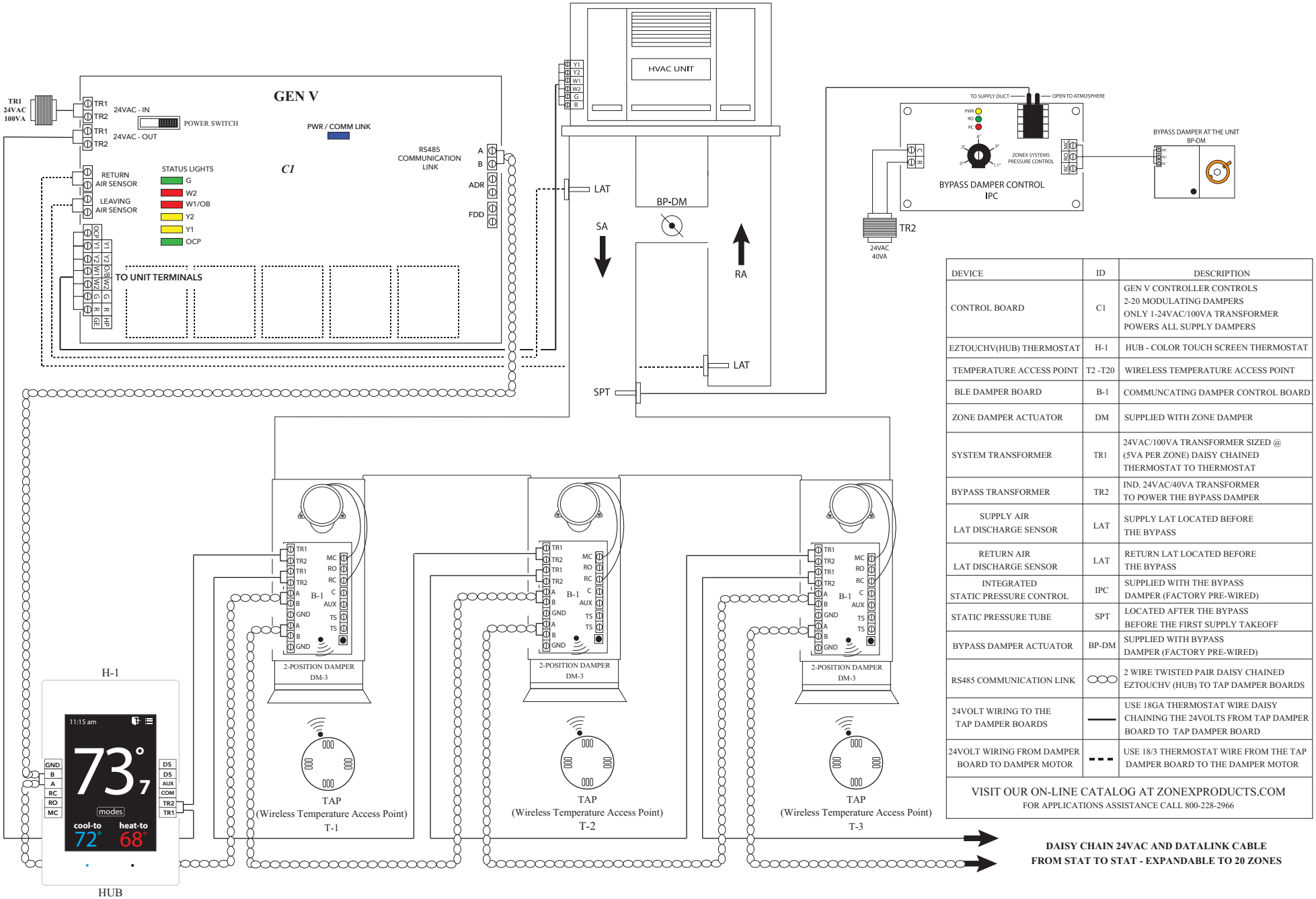
GEN V - CONTROL SYSTEM

VOTE BASED AUTO CHANGEOVER BYPASS VAV



DEVICE	ID	DESCRIPTION
CONTROL BOARD	C1	GEN V CONTROLLER CONTROLS 2-20 MODULATING DAMPERS ONLY 1-24VAC/100VA TRANSFORMER POWERS ALL SUPPLY DAMPERS
EZTOUCHV(HUB) THERMOSTAT	H-1	HUB - COLOR TOUCH SCREEN THERMOSTAT
TEMPERATURE ACCESS POINT	T2 -T20	WIRELESS TEMPERATURE ACCESS POINT
BLE DAMPER BOARD	B-1	COMMUNCATING DAMPER CONTROL BOARD
ZONE DAMPER ACTUATOR	DM	SUPPLIED WITH ZONE DAMPER
SYSTEM TRANSFORMER	TR1	24VAC/100VA TRANSFORMER SIZED @ (5VA PER ZONE) DAISY CHAINED THERMOSTAT TO THERMOSTAT
BYPASS TRANSFORMER	TR2	IND. 24VAC/40VA TRANSFORMER TO POWER THE BYPASS DAMPER
SUPPLY AIR LAT DISCHARGE SENSOR	LAT	SUPPLY LAT LOCATED BEFORE THE BYPASS
RETURN AIR LAT DISCHARGE SENSOR	LAT	RETURN LAT LOCATED BEFORE THE BYPASS
INTEGRATED STATIC PRESSURE CONTROL	IPC	SUPPLIED WITH THE BYPASS DAMPER (FACTORY PRE-WIRED)
STATIC PRESSURE TUBE	SPT	LOCATED AFTER THE BYPASS BEFORE THE FIRST SUPPLY TAKEOFF
BYPASS DAMPER ACTUATOR	BP-DM	SUPPLIED WITH BYPASS DAMPER (FACTORY PRE-WIRED)
RS485 COMMUNICATION LINK	○○○	2 WIRE TWISTED PAIR DAISY CHAINED EZTOUCHV (HUB) TO TAP DAMPER BOARDS
24VOLT WIRING TO THE TAP DAMPER BOARDS	———	USE 18GA THERMOSTAT WIRE DAISY CHAINING THE 24VOLTS FROM TAP DAMPER BOARD TO TAP DAMPER BOARD
24VOLT WIRING FROM DAMPER BOARD TO DAMPER MOTOR	- - -	USE 18/3 THERMOSTAT WIRE FROM THE TAP DAMPER BOARD TO THE DAMPER MOTOR

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