

6200 Series Zone Control Panels

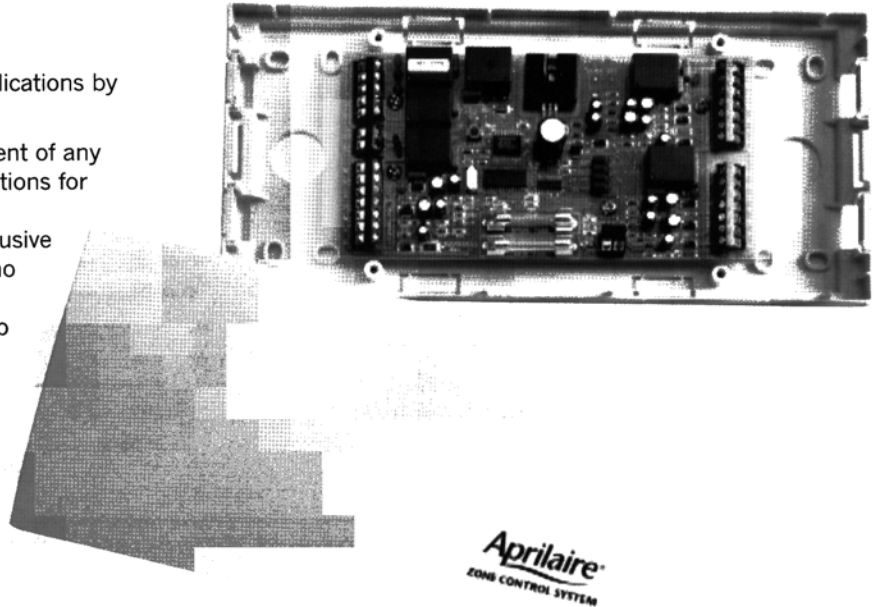
EVERY JOB IS DIFFERENT

Aprilaire offers flexibility for all your zone control applications by providing you with all the features you demand.

Accounting for excess system pressure is a requirement of any zone control system and we know there are many options for pressure relief. That is why Aprilaire supports all the popular options. You can choose from Aprilaire's exclusive 'Controlled Pressure Relief' method (which requires no bypass damper), using a bypass damper along with plenum temperature control, or choosing to bypass to a dump zone.

THE QUALITY AND SUPPORT OF APRILAIRE

The 6200 Series Zone Control panels offer you the quality and support you've come to expect from Aprilaire. You can count on 24-hour shipping, great technical and sales support and the most reliable dampers on the market.



6200 SERIES SINGLE STAGE HEAT/COOL

MODELS 6202 & 6203

CONSUMER BENEFITS

ANY ZONE SETS MODE

- Provides true independent control for each zone

CONTINUOUS FAN BY ZONE

- Individual zone thermostats can call for fan operation independently for ventilation

ZONE CHANGEOVER BASED ON TIME

- If calls for opposite modes exist, the control panel will alternate to satisfy each call

FAN PURGE

- Assures air is directed to last zone(s) calling

SHORT CYCLE PROTECTION

- Protects the HVAC equipment from too frequent cycles

MAINTENANCE FREE

- No maintenance or adjustments needed after installation

CONTRACTOR BENEFITS

PLENUM TEMPERATURE CONTROL (ADJUSTABLE)

- Protects equipment from excessive high and low temperatures caused by reduced airflow when small zones are calling

LED STATUS INDICATORS

- Simplifies start up and troubleshooting for the contractor

TIME DELAY OVERRIDE

- Speeds checkout for the installer

WORKS WITH 2 OR 3 WIRE DAMPERS

- Compatibility if you are changing out an old panel with 3 wire dampers

FUSE PROTECTION

- Protects the control panel against mis-wiring

EXTRA FUSE ON BOARD

- Convenience if fuse blows

ADJUSTABLE PURGE TIMING

- Compatibility with all brands of equipment

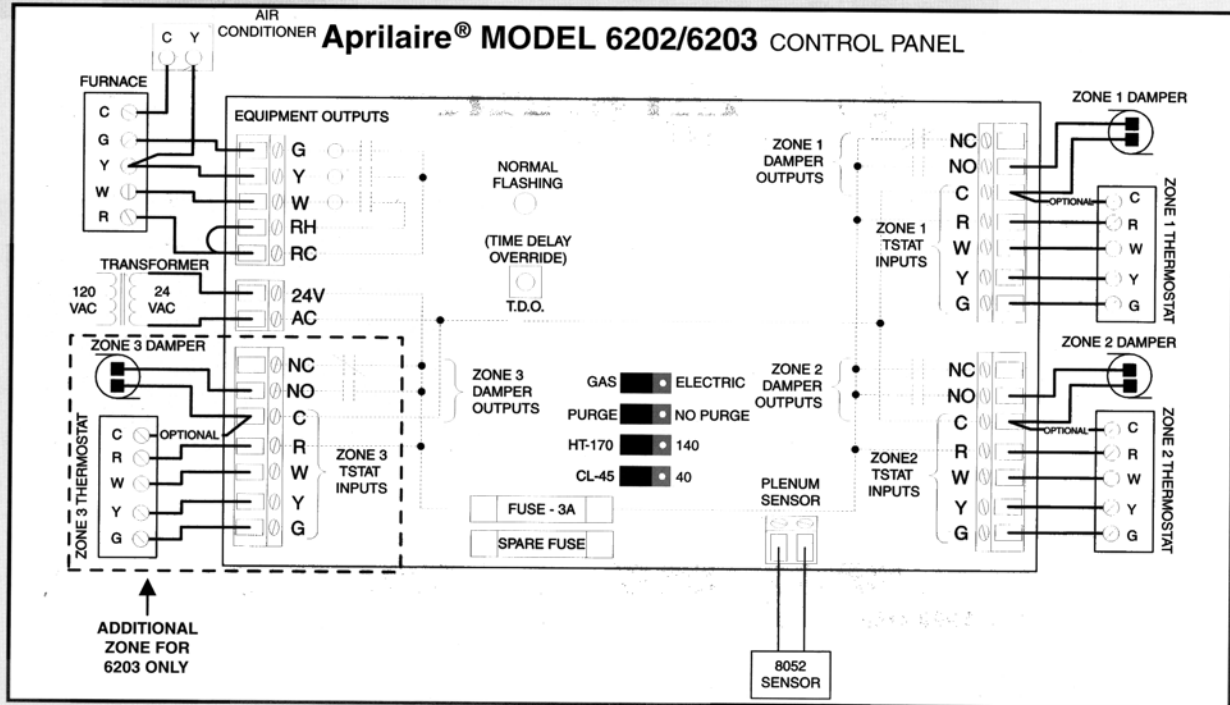
ELEC/NON-ELEC SWITCH

- Proper control of the fan (G-terminal) for either electric or fossil fuel furnaces

APRILAIRE MODEL 6202 & 6203 ZONE CONTROL PANELS

WIRING DIAGRAM

Single stage furnace and air conditioner application



CONTROL PANEL TERMINAL DESIGNATIONS

R	24V (hot) Thermostat voltage	NC	Normally closed damper output
C	24V (com) T-stat (if required) & damper voltage	NO	Normally opened damper output
W	Heat (thermostats and equipment)	RH	Heating transformer—24V (hot)
Y	Cooling (thermostats and equipment)	RC	Cooling transformer—24V (hot)
G	Fan (thermostats and equipment)	24VAC	Voltage source for control panel, T-stats and dampers

PRODUCT SPECIFICATIONS

RATED VOLTAGE	20 to 30 VAC
RATED CURRENT	3 amp
FUSE RATING	3 amp, slow blow fuse
MAXIMUM OPERATING TEMPERATURE	140°F
RH AND RC TERMINALS	Independent heat and cool relays for 2 transformer systems
PLENUM SENSOR	
HIGH LIMIT TEMPERATURE	Selectable between 140°F and 170°F
PLENUM SENSOR	
LOW LIMIT TEMPERATURE	Selectable between 40°F and 45°F

TRANSFORMER REQUIREMENTS

REQUIRED VA	MAX. # OF POWERED DAMPERS
40	3 or Less
75	4 thru 6
40 per 3 Dampers	7 or more

ADDITIONAL INSTALLATION FEATURES

- 45 DEGREE ANGLED TERMINALS
- ENCLOSURE ACCOMMODATES WIRING FROM THE SIDE OR REAR
- WIRING DIAGRAM ON FRONT COVER
- AVAILABLE TERMINAL FOR 24 VOLT POWERED STATS
- COMPATIBLE WITH COMMON POWER-STEALING THERMOSTATS

Aprilaire.com = Indoor Air Comfort



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