



## Pilot, Gas Control, and Air Control Descriptions Gas-Fired Unit Heaters

### PILOT IGNITION SYSTEMS

- **Manual Pilot:** Manual match lit pilots with 100% shutoff, pilot remains on 100% of time until pilot gas flow is shut off.
- **Intermittent Spark Pilot:** Automatic lighting of pilot with an electronic spark on a call for heat. Pilot gas flow is shutoff between heat cycles. A.G.A certified for use with the natural gas supply only on indoor and outdoor units.
- **Intermittent Spark Pilot with Timed Lockout:** Automatic lighting of pilot with an electronic spark on a call for heat. Pilot gas flow is shutoff between heat cycles. Locked device stops gas flow to the pilot if the pilot fails to light in 120 seconds. Reset of lockout requires manual interruption of the thermostat circuit. A.G.A. certified and C.G.A. approved for use with natural or propane gas on indoor and outdoor applications.

### GAS CONTROL SYSTEMS

- **Single Stage:** Single-stage gas valve which cycles on at 100% fire on a call for heat.
- **Two-Stage:** Two stage gas valve which fires at 100% or 50%, as required by a remote two-stage thermostat.
- **Electronic Modulation (Models SCA and SCB only):** Solid state control system, providing close temperature control through related manifold pressure. On a call for heat from a remote electronic thermostat, controls modulate between 50% and 100%. Remote thermostat is included.

### AIR CONTROL SYSTEMS

- **Air Recirculation Kit (Single-stage units only):** First stage control of thermostat energizes unit fan to recirculate warm stratified ceiling air. Second stage control of thermostat opens single-stage gas valve. Kits include relay and two-stage thermostat (40°-90°F) shipped separately.
- **Special Air Recirculation Kit (Single-stage units only):** Same as the basic kit, with the addition of a manual summer switch on thermostat for summer fan operation.

## Options and Accessories Apply to Unit Heater Models as Listed

■ **Optional Stepdown Transformers - Apply to Models FE, BE, F and B**

Model	Unit Size							
	25	50	75	100	125-200	250	300	400
F (heater only)	.25	.25	.25	.50	.50	.50	.50	1.00
F with Field-installed Optional Venter	.25	.50	.50	.50	.75	.50	.75	1.00
FE	.25	.50	.50	.50	.75	.50	.75	1.00
B (heater only)	.50	.50	1.0	1.0				
B with Field-installed Optional Venter	.50	.50	1.0	1.0				
BE	.50	.50	1.0	1.0				