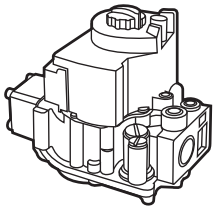


# Heating Components

## COMBINATION SINGLE STAGE DUAL GAS VALVE, REDUNDANT

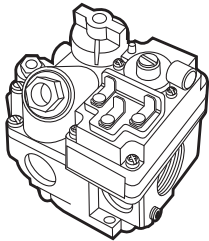


- Replaces many popular brands
- Slow opening
- Single Stage
- LP kit included
- 24 volt operator
- Quick connect terminals
- Inlet and outlet pressure taps
- Off-pilot-on programmed lighting sequence for standing pilot application
- Pilot compression fitting for 1/4" O.D. tubing

PART NO	SIZE (in)	FOR USE WITH GAS TYPE		CAPACITY 1000 BTU's	PRESS IN WC
		NAT	LP		
P681-1501	1/2 x 3/4	YES	YES	130	3.5

Replaces: Single and Dual valve standing pilot controls with rated capacity on natural gas at 130,000 BTU/HR.  
 HONEYWELL: V800 & VR800  
 WHITE-RODGERS: 36C03-300, 36C03-330, 36C03-400 & 36C03-433  
 ITT GENERAL: B57RA68, B57RF68, B57RH161, B59R02 & B59R06  
 ROBERTSHAW: 700-400, 700-402 & 700-406  
 STEVECO: 215-508

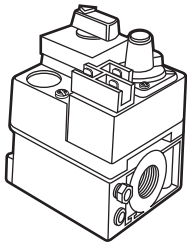
## COMBINATION GAS CONTROLS



- Manual main and pilot gas shutoff
- Pilot gas outlet with adjustment
- Outlet gas pressure tap
- 24 volt operator
- Auto pilot shutoff and pressure regulation as noted
- Capacity: 240,000 BTU's
- Pressure set at: 3.5 @ 125m

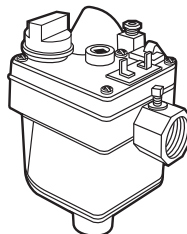
PART NO	SIZE (in)	PRESS REG	USE NAT	WITH LP	100% SHUT-OFF	
					YES	NO
EF53CK185	1/2 x 3/4	YES	YES	--	NO	NO
EF680006*	1/2 x 3/4	YES	YES	YES	YES	YES
EF53CK198†	1/2 x 1/2	YES	YES	--	NO	NO
EF53CK208	1/2 x 1/2	NO	--	YES	YES	YES
EF53CK205†	1/2 x 1/2	YES	YES	--	YES	YES

\*Kit contains EF53CK188 VALVE, Blankoff plate for converting to LP gas applications and 3/4" to 1/2" reducer bushing.  
 †Slow Opening



- Manual main and pilot gas shutoff
- Pilot gas outlet with adjustment
- Outlet gas pressure tap
- 24 volt operator
- Auto pilot shutoff and pressure regulation as noted
- Pressure set at: 3.5 @ 150m (EF33CB181)  
11 @ 125m (EF53CK248)

PART NO	SIZE (in)	CAPACITY 1000 BTU's	PRESS REG	USE NAT	WITH LP	100% SHUTOFF
EF33CB181	1/2 x 1/2	225	YES	YES	--	NO
EF53CK248	1/4 x 3/4	486	YES	--	YES	YES

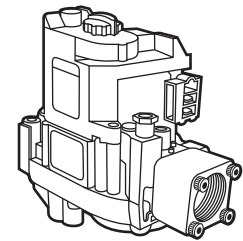


- Manual main and pilot gas shutoff
- Natural gas
- Pilot outlet with adjustment
- Outlet gas pressure tap
- 24 volt operator
- Pressure regulator
- Heat motor gives time delay
- Size 1/2" x 3/4", has pressure regulator, use with natural gas, pressure set at 3.5 @125M
- Capacity: 164,000 BTU's
- Non 100% shutoff
- Includes 3/4" x 1/2" reducer bushing

<b>PART NO</b>
EF53CK198

## COMBINATION DUAL VALVE GAS CONTROLS

- Dual main electric valves – redundant
- Manual main gas shutoff
- I.I.D. system applicable
- Pilot gas adjustment
- Pressure regulator
- Outlet gas pressure tap
- Natural gas
- 24 volt operator



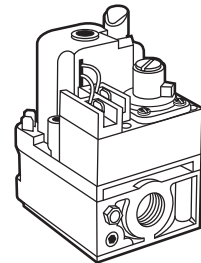
PART NO	SIZE (in)	FOR USE WITH GAS TYPE		CAPACITY 1000 BTU's	PRESS IN WC
		NAT	LP		
EF32CB212	1/2 x 3/4	YES	--	130	3.5

Similar models to RCD P/N EF33CZ206 with slight changes:

- Size 1/2" x 1/2"
- Capacity 179,000 BTU's

<b>PART NO</b>
EF33CZ209

- Dual main electric valves – redundant
- Manual main gas shutoff
- 24 volt operator
- Adjustable pilot gas flow
- Outlet gas pressure tap
- Pressure regulator
- Natural gas
- I.I.D. system applicable



PART NO	CAPACITY 1000 BTU's	PRESS SET AT
EF680007	250	3.5

NOTE: Package includes EF32CB210 valve and 3/4" to 1/2" reducer bushing.

Compressors,  
Chillers, Condensers

Motors

Electrical

Heating  
Components

Indoor Air  
Quality

Thermostats

Oils &  
Chemicals

Accessories, Supplies  
& Commodities

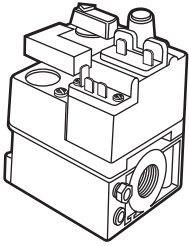
Tools &  
Instruments

Refrigeration

# Heating Components

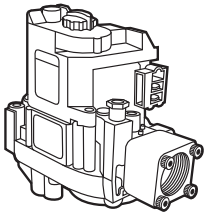
Compressors, Chillers, Condensers  
 Motors  
 Electrical  
 Heating Components  
 Indoor Air Quality  
 Thermostats  
 Oils & Chemicals  
 Accessories, Supplies & Commodities  
 Tools & Instruments  
 Refrigeration

## COMBINATION TWO STAGE GAS CONTROLS



- Pre-selected first stage firing rate
- Adjustable high fire rate
- 24 volt operator
- Manual main gas shutoff
- Pilot gas adjustment
- Outlet gas pressure tap
- Pressure regulator

PART NO	SIZE (in)	GAS TYPE		PRESS IN			100% SHUTOFF
		NAT	LP	CAPACITY 1000 BTU's	WCLO	WCHI	
EF680016	3/4 x 3/4	YES	--	335	1.3	3.5	NO



### Universal electronic ignition gas valve

- Control includes manual valve, two automatic operators, pressure regulators, pilot adjustment, pilot plug and ignition adapter.
- Highest capacity (415,000 BTU MAX. REG., NG) of any electronic ignition valve in the industry.
- Replaces virtually any IP, his, or DSI gas control.
- For use with natural or manufactured gas or LP gas.
- Honeywell part no.: VR8345M4302

PART NO

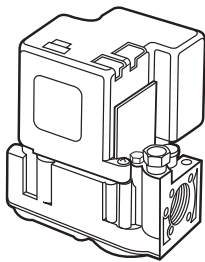
P681-VR8345M

## Continuous pilot dual automatic valve combination gas controls

- Controls include safety shutoff, manual valve, two automatic operators, pressure regulator and pilot adjustment.
- Replaces over 95 percent of the standing pilot gas valves; maximum capacity rating is 150% of the competitive valves.
- Meets 1979 ANSI i standards for redundancy in gas valve operation.

PART NO	HONEYWELL PART NO
P660-VR83A3500	VR8300A3500
P660-VR83A3518	VR8300A3518
P660-VR83A4508	VR8300A4508
P660-VR83A4516	VR8300A4516

## SMARTVALVE SYSTEM



- Combines gas flow and electronic intermittent pilot sequencing functions into a single unit.
- Suitable for a wide range of gas-fired appliances including residential furnaces, rooftop furnaces, residential boilers, unit heaters, infrared heaters, and space heaters.
- Honeywell part no.: SV9501M2528.

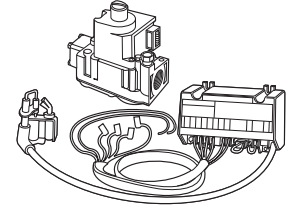
PART NO

P682-SV950

## BURNER IGNITION SYSTEMS

### Universal retrofit intermittent pilot gas burner ignition system

- Combines the most universal ignition controls (S8610 IP module & VR8304M gas valve) into the most capable retrofit kit available.
- Single-rod or dual-rod ignition and sensing simplifies installation with only one lead to wire.
- Sophisticated lockout timing eliminates nuisance lockouts.
- Honeywell part no.: Y8610U3003.



PART NO

P660-Y8610U

### Retrofit intermittent pilot gas burner ignition system

- V8610f kits are for use with natural gas only: continue trial for ignition until the pilot lights or the system is shut down manually.
- Complete kit for converting standing pilot to intermittent pilot.
- Not 100% shutoff on pilot flame loss; ideal for most natural gas systems.
- Honeywell part no Y8610F5003.

PART NO

P660-Y8610F

## SINGLE FUNCTION GAS CONTROLS

### MANUAL GAS SHUTOFF VALVE

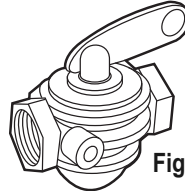


Figure A

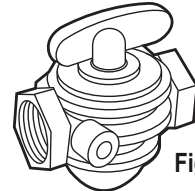
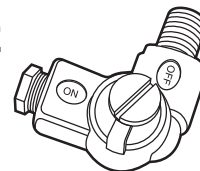


Figure B

PART NO	SIZE (in)	OVERALL LENGTH (in)	HEIGHT (in)	PILOT CONN	FIG
EV44CK047	1/2 x 1/2	2.8	3	Both Plugged	A
EV44CK052	3/4 x 3/4	3.1	3.6	One Plugged	B

### PILOT SHUTOFF VALVE



PART NO

EV43CR956

TYPE

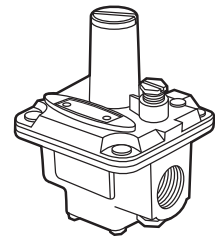
Right Angle

BODY

Aluminum

### GAS PRESSURE REGULATOR

- Regulator is 5 PSI to 4" WC.



PART NO	VENDOR P/N	PIPE SIZE (IN)	INPUT CAPACITY NATURAL GAS (BTUH)
EF680009	Maxitrol 1/2 RV52	1/2	262,000
EF680010	Maxitrol 3/4 RV53	3/4	687,750