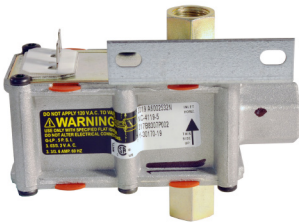


OVEN GAS CONTROL VALVES

Single Series | Dual Series | Combi Series



Y-30128-AF123



Y-30170-AF19

Description

Robertshaw offers residential oven OEMs three series of gas control valves:

- **Single Series Gas Valves** are single outlet thermal bimetal models designed for various residential gas cooking appliances—typically conventional gas ovens.
- **Dual Series Gas Valves** are dual outlet thermal bimetal models designed for gas cooking appliances of various types. The most common application is self-cleaning ovens.
- **Combi Series Gas Valves** are safety valve and regulator assemblies. The regulator limits the incoming gas pressure to a safe and constant level for the burner and the valve prevents the release of gas until the ignitor has received sufficient voltage to ignite the range.

Applications

- Residential gas ovens
- Residential gas ranges

Specifications

Part Number	Electrical Rating	Inlet Size	Outlet Size	Terminals	Ignition System	Mounting Type
Y-30128-128	3.3 to 3.6 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	9/16-24 UNEF – 2B for 3/8" tubing loxit	(2) female to accept 0.250" x 0.032" tab male terminals	Norton ignitor type	1 bracket
Y-30170-13	3.3 to 3.6 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	(2) 9/16-24 UNEF – 2B for 3/8" tubing loxit	(2) male tab terminals 0.250" x 0.032" / (2) female terminals to accept 0.250" x 0.032" male tab terminals	Norton ignitor type	1 bracket
Y-30100-AF18	2.5 to 3.0 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	Orifice spud .081" (#46) / orifice pin .046" (#56)	(2) male tab terminals 0.250" x 0.032"	Carborundum type ignitor	1 bracket
Y-30128-119	3.3 to 3.6 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	Orifice spud .0785" (#47) / orifice pin .046" (#56)	(2) female to accept 0.250" x 0.032" tab male terminals	Norton ignitor type	1 bracket
Y-30128-181	3.3 to 3.6 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	Orifice spud .081" (#.081)	(2) female to accept 0.250" x 0.032" tab male terminals	Norton ignitor type	1 bracket
Y-30128-AF1	3V AC @ 3.3 to 3.6 Amps	3/8" loxit	Orifice	1/4" female	Norton ignitor type	1 bracket
Y-30128-AF123	3.3 to 3.6 Amps (60 Hz)	9/16-24 UNEF 2B, 3/8" tubing loxit	Orifice spud and pin #48-56	Male tab 0.250" / tab 0.187"	Ignitor 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bottom bracket

1 Year
Limited
Warranty

OVEN GAS CONTROL VALVES

Single Series | Dual Series | Combi Series



Specifications Continued

Part Number	Electrical Rating	Inlet Size	Outlet Size	Terminals	Ignition System	Mounting Type
Y-30128-AF144	3.3 to 3.6 Amps (60 Hz)	9/16-24 UNEF 2B, 3/8" tubing loxit	Orifice spud and pin #0.069"-57	Male tab 1/4" (2)	Ignitor 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Top mounting by cover fitting
Y-30128-AF157	3.3 to 3.6 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	Orifice spud .081" (#46) / orifice pin .046" (#56)	(2) female to accept 0.250" x 0.032" tab male terminals	Norton ignitor type	1 bracket
Y-30128-AF169	3.3 to 3.6 Amps (60 Hz)	1/4"-18 NPT	9/16-24 UNEF 2B, 3/8" tubing loxit	Male tab 1/4" (2)	Ignitor 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Downward and screws over housing
Y-30128-AF35	3V AC @ 3.3 to 3.6 Amps	3/8" Loxit	Orifice	1/4" male & 3/16" male	Norton w/o fitting	None
Y-30128-AF77	3.3 to 3.6 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	Orifice spud .081" (#46) / orifice pin .046" (#56)	(2) female to accept 0.250" x 0.032" tab male terminals	Norton ignitor type	1 bracket
Y-30128-AF8	3V AC @ 3.3 to 3.6 Amps	3/8" loxit	Orifice	1/4" female	Norton ignitor type	Studs
Y-30143-AF7	3V AC @ 2.5 to 3.0 Amps	3/8" - loxit w/o fitting	3/8" – loxit w/o fitting 3/8" – loxit w/o fitting	1/4" male (2), 3/16" male (2)	Carborundum	Bracket
Y-30148-AF23	3.3 to 3.6 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	(2) 9/16-24 UNEF – 2B for 3/8" tubing loxit	2 x 1/4" female 1 x 0.250" x 0.032" tab male 1 x 0.187" x 0.032" tab male	Norton ignitor type	2 brackets
Y-30148-AF8	3.3 to 3.6 Amps (60 Hz)	9/16-24 UNEF 2B, 3/8" tubing loxit	9/16-24 UNEF 2B, 3/8" tubing loxit (2 sides)	Male tab 0.250" top / tab 0.187" bottom side	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back side and top
Y-30170-AF19	3.3 to 3.6 Amps (60 Hz)	1/4"-18 NPT	9/16-24 UNEF 2B, 3/8" tubing loxit (2 sides)	Male tab 0.250" top / tab 0.187" bottom side	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back side and top
Y-30171-AF19	3.3 to 3.6 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	Orifice spud #47	2 x 0.250" x 0.032" tab male	Norton ignitor type	2 brackets
Y-30171-AF22	3.3 to 3.6 Amps (60 Hz)	9/16-24 UNEF 2B, 3/8" tubing loxit	Orifice spud #51	Male tab 1/4" (2)	Ignitor 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket in the back side and aluminum elbow
Y-30172-AF3	3V AC @ 3.3 to 3.6 Amps	3/8" loxit	3/8" loxit orifice	1/4" male (2), 3/16" male (2)	Norton ignitor type	Brackets
Y-30194-AF18	3.3 to 3.6 Amps (60 Hz)	1/4"-18 NPT	Orifice spud and pin #48-56 in the top and extension elbow 9/16-24 UNEF 2B for 3/8" tubing loxit	1/4" female tab terminals top and male tab 0.187" terminals bottom	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back side and top
Y-30194-AF24	3.3 to 3.6 Amps (60 Hz)	1/4"-18 NPT	Orifice spud and pin #49-56 in the top and extension elbow 9/16-24 UNEF 2B for 3/8" tubing loxit	1/4" female tab terminals top and male tab 0.187" terminals bottom	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back side and top
Y-30194-AF37	3.3 to 3.6 Amps (60 Hz)	1/4"-18 NPT	Orifice spud #50 and extension elbow 9/16-24 UNEF 2B for 3/8" tubing loxit	1/4" female tab terminals top and male tab 0.187" terminals bottom	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back side and top
Y-30194-AF38	3.3 to 3.6 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	(2) 9/16-24 UNEF – 2B for 3/8" tubing loxit	2 x 1/4" female 2 x 0.250" x 0.032" tab male	Norton ignitor type	2 brackets
Y-30194-AF40	3.3 to 3.6 Amps (60 Hz)	1/4"-18 NPT	Orifice spud #48 and extension elbow 9/16-24 UNEF 2B for 3/8" tubing loxit	1/4" female tab terminals top and male tab 0.187" terminals bottom	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back side and top

OVEN GAS CONTROL VALVES

Single Series | Dual Series | Combi Series



Specifications Continued

Part Number	Electrical Rating	Inlet Size	Outlet Size	Terminals	Ignition System	Mounting Type
Y-30194-AF45	3.3 to 3.6 Amps (60 Hz)	9/16-24 UNEF 2B, 3/8" tubing loxit	9/16-24 UNEF 2B, 3/8" tubing loxit (2 sides)	1/4" male tab terminals top and male tab 0.187" terminals bottom	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	2 brackets mounted over backside up and down
Y-30194-AF50	3.3 to 3.6 Amps (60 Hz)	1/4"-18 NPT	Orifice spud #50 and extension elbow 9/16-24 UNEF 2B for 3/8" tubing loxit	1/4" male tab terminals top and male tab 0.187" terminals bottom	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back side and top
Y-30194-AF60	3.3 to 3.7 Amps 60 Hz	9/16-24 UNEF – 2B for 3/8" tubing loxit	(2) 9/16-24 UNEF – 2B for 3/8" tubing loxit	2 x 0.187" x 0.032" tab male 2 x 0.250" x 0.032" tab male	Norton ignitor type	2 brackets
Y-30209-1	3.3 to 3.6 Amps 60 Hz	3/8"-18 NPT	Orifice spud .0785 (#47) / orifice pin .046 (#56)	(2) female to accept 0.250" x 0.032" tab male terminals	Norton ignitor type	1 bracket
Y-30209-AF3	3.3 to 3.6 Amps (60 Hz)	1/4"-18 NPT	Orifice spud and pin #47-56	1/4" female tab terminals	Ignitor 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back- side and left-top
Y-68158-52	3.3 to 3.6 Amps 60Hz	1/2"-14 NPT	(2) 9/16-24 UNEF – 2B for 3/8" tubing loxit 3/8"-18 UNEF thread for 7/16" tubing	(2) male tab terminals 1/4" x 0.032(2) male tab terminals 0.187" x 0.020"	Norton ignitor type	2 brackets
Y-68158-AF35	3.3 to 3.6 Amps (60 Hz)	9/16-24 UNEF 2B, 3/8" tubing loxit	9/16-24 UNEF 2B, 3/8" tubing loxit (3 outlets), one with extension elbow	2 male 0.250" tab terminals, 2 female 0.250" tab terminals and 2 male 0.187" tab terminals	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Vertical bracket back side & top left, bracket backside & center right
Y-68158-AF37	3.3 to 3.6 Amps (60 Hz)	1/2"-14 NPT	9/16-24 UNEF 2B, 3/8" tubing loxit (2 sides) with elbow extension	Male tab 0.250" top / tab 0.187" bottom side	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Brackets back- side top and bottom side
Y-68158-AF39	3.3 to 3.6 Amps (60 Hz)	1/2"-14 NPT	9/16-24 UNEF 2B, 3/8" tubing loxit (3 outlets)	2 male 0.250" tab terminals, 2 male 0.250" tab terminals and 2 male 0.187" tab terminals	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Brackets back- side regulator, backside left of dual valve
Y-68158-AF40	3.3 to 3.6 Amps (60 Hz)	9/16-24 UNEF 2B, 3/8" tubing loxit	9/16-24 UNEF 2B, 3/8" tubing loxit (3 outlets), one with extension elbow	Male tab 0.250" (2) , male tab 0.187" (2) and 2 male tab 0.187"	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Vertical inlet down, backside top-left and middle right
Y-68158-AF41	3.3 to 3.6 Amps (60 Hz)	1/2"-14 NPT	9/16-24 UNEF 2B, 3/8" tubing loxit (2 sides) with elbow extension	1/4" male tab terminals top and male tab 0.187" terminals bottom	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	2 brackets mounted over backside up and down
Y-68158-AF47	3.3 to 3.6 Amps (60 Hz)	1/2"-14 NPT	Orifice spud #50 and extension elbow 9/16-24 UNEF 2B for 3/8" tubing loxit	1/4" male tab terminals top and male tab 0.187" terminals bottom	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back side and top
Y-68506-AF26	N/A	1/2"-14 NPT	(2) 9/16-24 UNEF – 2B for 3/8" tubing loxit	N/A	N/A	Orifices for self tapping screws
Y-75001-4	3.3 to 3.6 Amps 60 Hz	1/4"-18 NPT	Orifice spud .081" (#46) / orifice pin .046" (#56)	(2) female to accept 0.250" x 0.032" tab male terminals	Norton ignitor type	1 bracket

OVEN GAS CONTROL VALVES

Single Series | Dual Series | Combi Series



Specifications Continued

Part Number	Electrical Rating	Inlet Size	Outlet Size	Terminals	Ignition System	Mounting Type
Y-75001-AF11	3.3 to 3.6 Amps (60 Hz)	½"-14 NPT	Orifice spud 0.049" and 9/16-24 UNEF 2B, ⅜" tubing loxit (2 sides) with elbow extension	¼" male tab terminals and male tab 0.187" terminals	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Angled mounting screws in the housing of SRV
Y-75001-AF12	3.3 to 3.6 Amps (60 Hz)	¼"-18 NPT	Orifice spud and pin #46-56	¼" female tab terminals	Ignitor 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back- side and left-top
Y-75001-AF18	3.3 to 3.6 Amps (60 Hz)	¼"-18 NPT	Orifice spud #48	¼" female tab terminals	Ignitor 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bracket back- side and left-top
Y-76000-7	3.3 to 3.6 Amps 60 Hz	9/16-24 UNEF – 2B for ⅜" tubing loxit	9 / 16-24 UNEF – 2B for ⅜" tubing loxit orifice spud .081" (#46) / orifice pin .046 (#56)	(1) male tab terminal 0.250" x 0.032" and (1) male terminal 0.187" x 0.020" (1) male tab terminal 0.250" x 0.032" and (1) male terminal 0.187" x 0.020"	Norton ignitor type	2 brackets
Y-76000-AF10	3.3 to 3.6 Amps (60 Hz)	9/16-24 UNEF 2B, ⅜" tubing loxit	Orifice spud and pin #46-56 and 9/16-24 UNEF 2B, ⅜" tubing loxit	¼" male tab terminals and male tab 0.187" terminals	Ignitors 3.3 to 3.6 Amp @ 116 V AC 60 Hz	Bottom, left and right, 2 brackets

Replacement Information

Robertshaw Part Number	OEM Part Number	Robertshaw Part Number	OEM Part Number
Y-30128-128	Nexgrill Y-30128-128	Y-30194-AF37	Mabe 222D3389P005
Y-30170-13	Dacor 103659	Y-30194-AF38	LG MJX62571701
Y-30100-AF18	GE WB19K13 / 164D2574G001	Y-30194-AF40	Mabe 222D3389P006
Y-30128-119	Mabe 183D5746G003	Y-30194-AF45	LG MJX62571702
Y-30128-181	Mabe 183D5746G005	Y-30194-AF50	Mabe 222D3389P009
Y-30128-AF1	Viking® 34837	Y-30194-AF60	Samsung DG94-03446A
Y-30128-AF123	Peerless 1286	Y-30209-1	Brown® 180-2A298
Y-30128-AF144	GE 183D9704P002	Y-30209-AF3	Brown® 180-2A338
Y-30128-AF157	Electrolux® 316572800	Y-68158-AF35	LG MJX62111701
Y-30128-AF169	Mabe 317B8308P002	Y-68158-AF37	Samsung DG94-00449A
Y-30128-AF35	Electrolux® 77411170010 / 3203459	Y-68158-AF39	Whirlpool® W10546238
Y-30128-AF77	GE WB19K31 / 183D5746G001	Y-68158-AF40	LG MJX62111702
Y-30128-AF8	Electrolux® 5308009419	Y-68158-AF41	Samsung DG94-00449B
Y-30143-AF7	GE WB19K14 / 205C1906G001	Y-68158-AF47	Mabe 222D3388G033
Y-30148-AF23	GE WB21T10014 / 229C4488P004	Y-68506-AF26	Electrolux® 316091706
Y-30148-AF8	Electrolux® 5303210798 / 77400230001	Y-75001-4	GE 222D3392P001
Y-30170-AF19	Mabe 317B8307P002	Y-75001-AF11	Mabe 222d3392P008
Y-30171-AF19	Whirlpool® 98014893	Y-75001-AF12	Mabe 222D3392P009
Y-30171-AF22	Whirlpool® W10205816	Y-75001-AF18	Mabe 222D3392P016
Y-30172-AF3	GE WB21X423	Y-76000-7	Electrolux® 316404901
Y-30194-AF18	GE 222D3389P001	Y-76000-AF10	Electrolux® 316031501
Y-30194-AF24	Mabe 222D3389P003		

