

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

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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

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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

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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		

