

Code 55 - Burner Orifices

Description	Size										
	25	50	75	100	125	130	165	200	250	300	400
Burner Orifices (quantity in parentheses)	Use extreme care in selecting replacement burner orifices										
Natural Gas Orifices for a unit with a rating plate indicating sea level operation (0–2000 ft) even if the manifold pressure has been adjusted for high altitude—U.S.A. & Canada	39650 #51	84853 #47	38678 #45	11833 #44 #44		#35	#35	11831 #35 #35		#35	#35
Propane Orifices for a unit with rating plate indicating sea level operation (0–2000 ft) even if the manifold pressure has been adjusted for high altitude operation—U.S.A. & Canada	95936 #60	63003 #1.2MM	64676 #1.3MM	11830 #55 #55		#1.65MM	#1.65MM	96344 #1.65MM #1.65MM		#1.65MM	#1.65MM
Orifices for factory-equipped (Option AB) high altitude (check the rating plate)											
2001–4500 ft, Natural Gas—Canada	51284 #52	39651 #49	84853 #47	38678 #45 #45		#37	#37	11835 #37 #37		#37	#37
2001–4500 ft, Propane—Canada	97534 #62	63922 #1.15MM	97359 #1.25MM	11830 #55 #55		#1.55MM	#1.55MM	61653 #1.55MM #1.55MM		#1.55MM	#1.55MM
2001–3000 ft, Natural Gas—U.S.A.	39650 #51	40414 #48	16590 #46	38678 #45 #45		#36	#36	97362 #36 #36		#36	#36
2001–3000 ft, Propane—U.S.A.	97355 #61	39658 #56	97359 #1.25MM	11830 #55 #55		#52	#52	51284 #52 #52		#52	#52
3001–4000 ft, Natural Gas—U.S.A.	51284 #52	40414 #48	84853 #47	38678 #45 #45		#36	#36	97362 #36 #36		#36	#36
3001–4000 ft, Propane—U.S.A.	97355 #61	63922 #1.15MM	97359 #1.25MM	11830 #55 #55		#1.55MM	#1.55MM	61653 #1.55MM #1.55MM		#1.55MM	#1.55MM
NOTE: All power vented models over 4000 ft also require high altitude venter pressure switch; see Code 75, page 14.											
4001–5000 ft, Natural Gas—U.S.A.	51284 #52	39651 #49	84853 #47	38678 #45 #45		#37	#37	11835 #37 #37		#37	#37
4001–5000 ft, Propane—U.S.A.	97354 #62	63922 #1.15MM	97359 #1.25MM	11830 #55 #55		#1.55MM	#1.55MM	61653 #1.55MM #1.55MM		#1.55MM	#1.55MM
5001–6000 ft, Natural Gas—U.S.A.	51284 #52	39651 #49	84853 #47	16590 #46 #46		#37	#37	11835 #37 #37		#37	#37
5001–6000 ft, Propane—U.S.A.	40415 #63	63922 #1.15MM	63003 #1.2MM	39658 #56 #56		#53	#53	9789 #53 #53		#53	#53
6001–7000 ft, Natural Gas—U.S.A.	51284 #52	39651 #49	40414 #48	84853 #47 #47		#38	#38	45870 #38 #38		#38	#38
6001–7000 ft, Propane—U.S.A.	40415 #63	40416 #57	63003 #1.2MM	39658 #56 #56		#53	#53	9789 #53 #53		#53	#53
7001–8000 ft, Natural Gas—U.S.A.	9789 #53	39652 #50	40414 #48	84853 #47 #47		#39	#39	45871 #39 #39		#39	#39
7001–8000 ft, Propane—U.S.A.	97352 #64	40416 #57	63922 #1.15MM	39658 #56 #56		#53	#53	9789 #53 #53		#53	#53
8001–9000 ft, Natural Gas—U.S.A.	9789 #53	39652 #50	39651 #49	40414 #48 #48		#40	#40	87391 #40 #40		#40	#40
8001–9000 ft, Propane—U.S.A.	97352 #64	40416 #57	63922 #1.15MM	39658 #56 #56		#1.45MM	#1.45MM	61652 #1.45MM #1.45MM		#1.45MM	#1.45MM

60 - Match-Lit Pilot

PN 110851: Complete replacement pilot for natural gas, match-lit pilot (includes Code 60 for natural gas and Code 61)

PN 110852: Complete replacement pilot for propane gas, match-lit pilot (includes Code 60 for propane and Code 61)



62 - Spark Pilot

PN 110853: Complete replacement pilot kit for natural gas, spark pilot (includes Code 62 for natural gas, Code 63, and Code 64)

PN 110854: Complete replacement pilot kit for propane gas, spark pilot (includes Code 62 for propane gas, Code 63, and Code 64)



Code	PN	Component Description	Code	PN	Component Description
60	96360	Pilot Assembly, Natural Gas, with orifice, pilot tubing, thermocouple, and one compression fitting (Johnson #J994HKA-9731-715)	62	97534	Pilot Assembly, Natural Gas, with orifice, pilot tubing, flame rod, and one compression fitting, does not include flame sensor lead (Johnson #J982HKW-9731-715)
	96361	Pilot Assembly, Propane Gas, with orifice, pilot tubing, thermocouple, and one compression fitting (Johnson #J994HKA-9733-410)		97535	Pilot Assembly, Propane Gas, with orifice, pilot tubing, flame rod, and one compression fitting, does not include flame sensor lead (Johnson #J982HKW-9733-410)
60A	103034	Orifice only, Natural Gas, brass (Johnson #9731-715)	62A	103034	Orifice only, Natural Gas, brass (Johnson #9731-715)
	98695	Orifice only, Propane Gas, black (Johnson #9733-410)		98695	Orifice only, Propane Gas, black (Johnson #9733-410)
60B	98698	Pilot Tubing, 1/8" OD x 18" long (Johnson #B10499-995-11)	62B	98698	Pilot Tubing, 1/8" OD x 18" long (Johnson #B10499-995-11)
61	97572	Compression Fitting, #FTG75	63	97572	Compression Fitting, #FTG75
60C	84761	Thermocouple, 24", #K15FA-24D	62C	98697	Flame Rod, Johnson #Y75AA-3
			64	97575	Flame Sensor Lead, 21" (not illustrated)
NOTE: Match-Lit Pilots were used on Model F and B units with heater serial number safety pilot Code 31 (see page 2). Match-lit pilots were discontinued on heaters manufactured after JUL 2008.			NOTE: Spark Pilots are used on Model FE & BE units and Model F & B units with heater serial number safety pilot Codes 65, 66, 94, 95 (page 2).		