



Commercial 702/ 801 Dual Fuel Burner Ordering Matrix

Ordering a Dual Fuel Burner

1. Select your Chassis (Includes air tube –15" for 801GO, 14" for 702GO – and welded flange)
 - a. Locate the Boiler Brand in the gray headings
 - b. Scroll down to the boiler model listed in the *Appliance* column
 - c. Locate your Chassis part number in the *Burner Model/ Chassis Part No.* Column
 - d. Locate the burner mounting plate (ordered from boiler manufacturer)
2. Select the Panel Configuration that best suits your application and job
3. Order the Gas Train that corresponds to the Gas Pressure and Max MBH
 - a. Locate your Gas Train Model Based on Code Requirements (Standard, Mass Code)

1. SELECT YOUR CHASSIS (by Appliance)

Appliance	Input Oil GPH	Input Gas MBH	Burner Model	Chassis Part No. <small>(add "N" to end of part no. for NYC chassis)</small>	Oil Spec Nozzle	Alternate Nozzle	Pump Pressure	Front Mounting Plate Requires 8 1/2" opening (from Boiler Mfg)
-----------	---------------	---------------	--------------	---	-----------------	------------------	---------------	--

BURNHAM

V906A	7.00	1010	702GO	51500A	4.00 60P	N/A	100/300	602292461
V907A	8.30	1198	702GO	51500A	5.00 60P	N/A	100/300	602292461
V908A	9.60	1386	702GO	51500A	5.50 60P	N/A	100/300	602292461
V909A	11.60	1674	801GO	51600A	5.50 45H	4.00 45H	150	602292461
V910A	13.20	1905	801GO	51600A	6.50 45H	4.50 45H	150	602292461
V911A	14.80	2136	801GO	51600B	6.00 45H	6.00 45H	150	602292461
V912A	16.40	2367	801GO	51600B	7.00 45H	6.50 45H	150	602292461

PEERLESS – Spacer Plate Required (Part # 51610A)

LC-05	6.10	881	702G/O	51500A	3.50 45P	N/A	100/300	S-1109-1
LC-06	7.50	1077	702G/O	51500A	4.50 45P	N/A	100/300	S-1109-1
LC-07	8.80	1273	702G/O	51500A	5.00 45P	N/A	100/300	S-1109-1
LC-08	10.20	1469	702G/O	51500A	6.00 45P	N/A	100/300	S-1109-1
LC-09	11.60	1664	801G/O	51600A	5.50 45H	4.00 45H	150	S-1109-1
LC-10	12.80	1860	801G/O	51600A	6.00 45H	4.50 45H	150	S-1109-1
LC-11	14.20	2056	801G/O	51600A	6.00 45H	5.50 45H	150	S-1109-1
LC-12	15.60	2252	801G/O	51600B	6.50 45H	6.00 45H	150	S-1109-1
LCE-13	17.00	2464	801G/O	51600B	6.50 45H	7.00 45H	150	S-1109-1

SMITH

19A-6	6.50	931	702G/O	51500A	3.75 60P	N/A	100/300	3640
19A-7	6.90	1137	702G/O	51500A	4.50 70B	N/A	100/300	3640
19A-8	9.30	1342	702G/O	51500A	5.00 70B	N/A	100/300	3640
19A-9	10.80	1548	801G/O	51600A	5.50 45H	3.50 45H	150	3640
19A-10	12.20	1754	801G/O	51600A	5.50 45H	4.00 45H	150	3640
19A-11	13.60	1989	801G/O	51600A	5.50 45H	5.50 45H	150	3640
19A-12	15.00	2165	801G/O	51600B	6.00 45H	6.00 45H	150	3640

WEIL-McLAIN

780	6.50	935	702G/O	515000A	3.75 45B	N/A	100/300	J20911
880	6.50	1082	702G/O	515000A	4.50 45B	N/A	100/300	J20911
980	8.50	1230	702G/O	515000A	5.00 45B	N/A	100/300	J20911
1080	9.60	1378	702G/O	515000A	5.50 45B	N/A	100/300	J20911
1180	10.60	1526	801G/O	515000A	5.50 45B	3.25 45B	150	J20911
1280	11.60	1674	801G/O	515000A	5.50 45B	4.00 45B	150	J20911
488	7.00	1010	702G/O	515000A	4.00 70B	N/A	100/300	386-300-207
588	9.40	1357	702G/O	515000A	5.50 60B	N/A	100/300	386-300-207
688	11.80	1701	801G/O	515000A	5.50 45B	4.50 45B	150	386-300-207
788	14.20	2046	801G/O	515000A	6.00 45B	5.50 45B	150	386-300-207
888	16.60	2382	801G/O	515000B	6.50 45B	7.00 45B	150	386-300-207

2. SELECT YOUR PANEL CONFIGURATION

Standard panel included with 702GO and 801GO burners (at no additional cost). Panel upgrade options are available via one of our factory installed panel kits (listed below).

Standard Panel Includes: LIGHTS: Power.On, Call for Heat. SWITCHES: Service, Fuel Selector, Low/High Fire, Air Flow

Part Number	Lights		Switches		Additional Features	
	Flame Failure	Low Water	Hi Limit	Alarm Silencer	Aux Relay	Alarm Bell
PNLKIT1	x				x	
PNLKIT2	x	x				
PNLKIT3	x		x	x		x

3. SELECT YOUR GAS TRAIN

IMPORTANT: Gas pressure can fluctuate based on local area demand. Select the gas train that corresponds to the lowest anticipated pressure. When in doubt, select the next larger train size or call Tech Support at 800-989-2275 for assistance.

702GO – STANDARD			
Part Number	Gas Pressure	Maximum MBH	Description
51572B	< 5" WC	950	1" Gas Train for Low Pressure up to 950,000 BTUH, Standard Pressure up to 1,100,000 BTUH
	> 5" WC	1,100	
51572E	< 5" WC	1,050	1 ¹ / ₄ " Gas Train for Low Pressure up to 1,050 BTUH, Standard Pressure up to 1,350,000 BTUH
	> 5" WC	1,350	
51572G	< 5" WC	1,200	1 ¹ / ₂ " Gas Train for Low Pressure up to 1,200,000 BTUH, Standard Pressure up to 1,600,000 BTUH
	> 5" WC	1,600	
51572J	< 5" WC	1,600	2" Gas Train for Low and Standard Pressure up to 1,600,000 BTUH
	> 5" WC	1,600	

VENTLESS DUAL FUEL TRAINS

51601CV	< 5" WC	950	1" Gas Train for Low Pressure up to 950,000 BTUH, Standard Pressure up to 1,100,000 BTUH
	> 5" WC	1,100	
51601HV	< 5" WC	1,200	1 ¹ / ₂ " Gas Train for Low Pressure up to 1,200,000 BTUH, Standard Pressure up to 1,600,000 BTUH
	> 5" WC	1,600	
51601KJV	< 5" WC	1,600	2" Gas Train for Low and Standard Pressure up to 1,600,000 BTUH
	> 5" WC	1,600	

702GO – MASS CODE

Part Number	Gas Pressure	Maximum MBH	Description
51572C	< 5" WC	950	1" Gas Train with Low and High Gas Pressure Switches
	> 5" WC	1,100	
51572F	< 5" WC	1,050	1-1/4" Gas Train with Low and High Gas Pressure Switches
	> 5" WC	1,350	
51572H	< 5" WC	1,200	1-1/2" Gas Train with Low and High Gas Pressure Switches
	> 5" WC	1,600	
51572K	< 5" WC	1,600	2" Gas Train with Low and High Gas Pressure Switches
	> 5" WC	1,600	

VENTLESS DUAL FUEL TRAINS

51601CV	< 5" WC	950	1" Gas Train for Low Pressure up to 950,000 BTUH, Standard Pressure up to 1,100,000 BTUH
	> 5" WC	1,100	
51601HV	< 5" WC	1,200	1 ¹ / ₂ " Gas Train for Low Pressure up to 1,200,000 BTUH, Standard Pressure up to 1,600,000 BTUH
	> 5" WC	1,600	
51601KJV	< 5" WC	1,600	2" Gas Train for Low and Standard Pressure up to 1,600,000 BTUH
	> 5" WC	1,600	

801GO – STANDARD

51572G	< 5" WC	1,800	1 ¹ / ₂ " Gas Train for Low Pressure up to 1,400,000 BTUH, Standard Pressure up to 2,100,000 BTUH
	> 5" WC	2,100	
51572J	< 5" WC	2,100	2" Gas Train for Low and Standard Pressure up to 2,499,999 BTUH
	> 5" WC	2,499	

VENTLESS DUAL FUEL TRAINS

51601HV	< 5" WC	1,800	1 ¹ / ₂ " Gas Train for Low Pressure up to 1,800,000 BTUH, Standard Pressure up to 2,100,000 BTUH
	> 5" WC	2,100	
51601KV	< 5" WC	2,100	2" Gas Train for Low and Standard Pressure up to 2,499,999 BTUH
	> 5" WC	2,499	

801GO – MASS CODE

51572C	< 5" WC	1,800	1 ¹ / ₂ " Gas Train for Low Pressure up to 1,800,000 BTUH, Standard Pressure up to 2,100,000 BTUH
	> 5" WC	2,100	
51572F	< 5" WC	2,100	2" Gas Train for Low and Standard Pressure up to 2,499,999 BTUH
	> 5" WC	2,499	

VENTLESS DUAL FUEL TRAINS

51601HV	< 5" WC	1,800	1 ¹ / ₂ " Gas Train for Low Pressure up to 1,800,000 BTUH, Standard Pressure up to 2,100,000 BTUH
	> 5" WC	2,100	
51601KV	< 5" WC	2,100	2" Gas Train for Low and Standard Pressure up to 2,499,999 BTUH
	> 5" WC	2,499	