



Service Bulletin

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Bulletin 2003-15-E
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Date: 01/20/2003

SUBJECT: European Community (CE) Gas Conversions

This bulletin cancels and replaces Service Bulletin 2001-34-E. Remove bulletin 2001-34-E from your active files.

This bulletin provides a quick reference for identifying the requirements for converting CE gas fryers from one gas type to another. 2nd Family (natural) gases addressed are G20 and G25. 3rd Family gases addressed are G30 (Butane) and G31 (Propane).

High Efficiency (H50/H52) Conversion Requirements					
To Convert Fryer		Change Burner Orifices	Change Ignitor	Replace Gas Valve Spring¹	Adjust Pressure at Regulator²
From	To				
G20	G25				✓
G20	G30	✓	✓	✓	✓
G20	G31	✓	✓	✓	✓
G25	G20				✓
G25	G30	✓	✓	✓	✓
G25	G31	✓	✓	✓	✓
G30	G20	✓	✓	✓	✓
G30	G25	✓	✓	✓	✓
G30	G31				✓
G31	G20	✓	✓	✓	✓
G31	G25	✓	✓	✓	✓
G31	G30				✓

¹ Required only on units equipped with Robertshaw gas valves (i.e., built before 11/98).

² Refer to the gas pressure chart in the appropriate product manual for the specific pressure.

Open Burner (45/47/MJCF) Conversion Requirements					
To Convert Fryer		Change Burner Orifices	Change Pilot	Replace Gas Valve Regulator	Adjust Pressure at Regulator¹
From	To				
G20	G25				✓
G20	G31	✓	✓	✓	✓
G25	G20				✓
G25	G31	✓	✓	✓	✓
G31	G20	✓	✓	✓	✓
G31	G25	✓	✓	✓	✓

¹ Refer to the gas pressure chart in the appropriate product manual for the specific pressure.

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Gas Conversion Kits

Description	P/N	List Price
H50/H52 Series		
H50/H52 Series G20/G25 to G30/G31 (for use on full- or dual-val units) ¹	826-1196	\$138.00
H50/H52 Series G30/G31 to G20/G25 (for use on full- or dual-val units) ¹	826-1197	\$125.00
H50/H52 Series G20/G25 to G30/G31 (Robertshaw gas valve spring only)	826-1198	\$ 6.00
H50/H52 Series G30/G31 to G20/G25 (Robertshaw gas valve spring only)	826-1199	\$ 8.00
¹ In addition to 2 orifices and 2 ignitors, this kit also contains a gas valve spring for use on Robertshaw valves.		
45/47 Series		
45/47 Series G20/G25 to G30/G31 (orifices, pilot, and regulator)	826-1200	\$ 50.00
45/47 Series G31 to G20/G25 (orifices, pilot, and regulator)	826-1201	\$ 50.00
45/47 Series G20/G25 to G31 (regulator only)	826-1202	\$ 66.00
45/47 Series G31 to G20/G25 (regulator only)	826-1203	\$ 66.00
MJCFE Series		
MJCFE Series G20/G25 to G30/G31 (orifices, pilot, and regulator)	826-1204	\$ 78.00
MJCFE Series G31 to G20/G25 (orifices, pilot, and regulator)	826-1478	\$123.00
MJCFE Series G20/G25 to G31 (regulator only)	826-1202	\$ 66.00
MJCFE Series G31 to G20/G25 (regulator only)	826-1203	\$ 66.00

There are no CE conversion kits available for the 35 Series. If a 35 Series fryer is equipped with a Robertshaw gas valve, the valve must be changed to a Honeywell valve. Honeywell G31 (propane) gas valves can be adjusted for G20 and G25 (natural) gases, but G20 and G25 gas valves cannot be adjusted for G31. Therefore, if converting from a G20 or G25 gas to G31 gas, in addition to the pilot and orifices, the gas valve must be changed. The table below identifies the parts required to convert from one gas family to another.

2 nd Family (G20/G25) to 3 rd Family (G31)	3 rd Family (G31) to 2 nd Family (G20/G25)
1 x 826-1354 (package of 10 burner orifices)	1 x 826-1353 (package of 10 burner orifices)
2 x 810-0427 pilot orifices	2 x 810-0426 pilot orifices
1 x 807-2121 CE Gas Valve	

Converting Rating Plates and Labeling

After performing the gas conversion, remove the rating plate and install a new one. Contact the Frymaster factory by telephone (1-318-865-1711) or FAX (1-318-219-7135) to request immediate processing and delivery of the new plate. Please have available the serial number of the fryer and the languages and gas types involved in the conversion. If the destination language changes, replace the fryer labels. (NOTE: There are no language label kits available for Danish, Finnish, Icelandic, Norwegian, or Swedish fryers.)

Label Kit Part Numbers						
Language	MJ35V	MJ/FM35	MJ/FM45	MJ/FMCFE	H/FM/FPH50	H/BIH52
Dutch/Flemish	KIT2446	KIT2359	KIT2360	KIT2361	KIT2362	KIT2363
English	KIT2442	KIT2368	KIT2369	KIT2370	KIT2371	KIT2372
French	KIT2443	KIT2380	KIT2381	KIT2382	KIT2383	KIT2384
German	KIT2445	KIT2389	KIT2390	KIT2391	KIT2392	KIT2393
Greek	KIT2448	KIT2398	KIT2399	KIT2400	KIT2401	KIT2402
Italian	KIT2449	KIT2410	KIT2411	KIT2412	KIT2413	KIT2414
Portuguese	KIT2447	KIT2421	KIT2422	KIT2423	KIT2424	KIT2425
Spanish	KIT2444	KIT2429	KIT2430	KIT2431	KIT2432	KIT2433

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