



Integrated Cooktops Service Manual

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Technical Data

WATTAGE/OHM CHART		
Unit/Part	Full Wattage	Ohm
Grill	1400 W	41.1 ($\pm 4 \Omega$)
Steamer	2500 W	22.15 ($\pm 2 \Omega$)
Fryer	2800 W	22.15 ($\pm 2 \Omega$)
RTD		1080 Ω at 75° F
Drain Valve (Steamer)	20 W at 240 VAC	800 Ω ($\pm 50 \Omega$)

OIL SMOKE CHART	
Oil Type	Smoke Point
Canola oil, refined	400° F (204° C)
Corn oil, refined	450° F (232° C)
Lard	361-401° F (183-205° C)
Olive oil, pure	280° F (138° C)
Olive oil, extra virgin	406° F (208° C)
Peanut oil	450° F (232° C)
Sunflower oil	450° F (232° C)
Shortening	356-370° F (180-188° C)
Vegetable oil	441-450° F (227-232° C)

TRIAC TESTING CHART	
Triac Terminals	Expected Value
T1 - T2	Open
T2 - G	Open
T1 - G	40 - 80 Ω

TCO RATING	
Module	TCO Rating
Fryer	450° F
Steamer	250° F

Multi-Function Gas Cooktop Technical Data (for altitudes up to 8,000 feet)

GAS PRESSURE		
Gas Pressure		
Gas supply line pressure	Natural gas and liquid propane maximum	14° WC
	Natural gas minimum	7° WC
	Liquid propane minimum	11° WC
Natural gas manifold pressure, with standard orifice		5° WC
Liquid propane manifold pressure, with standard orifice		10° WC

DOMESTIC NATURAL GAS		
Description	IM15	IM15-2
Valve, burner		
Orifice, bypass	Stamped "100"	Stamped "140"
Jet holder, large		
Orifice	Stamped "190"	Stamped "195"

DOMESTIC LP GAS		
Description	IM15	IM15-2
Valve, burner large		
Orifice, bypass	Stamped "61"	Stamped "75"
Jet holder, large		
Orifice	Stamped "120"	1.45 mm

ICB Product Orifice Usage

ICB NATURAL GAS (NO ALTITUDE CONVERSION KIT REQUIRED)	
Description	Identifier
Valve, burner	
Orifice, bypass	Stamped "140"
Jet holder, large	Purple & blue

ICB LP GAS (CONVERSION KIT AVAILABLE FOR USE ABOVE 8,000 FEET)	
Description	Identifier
Valve, burner large	
Orifice, bypass	Stamped "75"
Jet holder, large	Purple & pink

MULTI-FUNCTION TECHNICAL DATA

GAS PRESSURE		
Gas Supply Line Pressure	<i>Natural Gas and Liquid Propane Maximum</i>	14" WC
	<i>Natural Gas Minimum</i>	7" WC
	<i>Liquid Propane Minimum</i>	11" WC
Natural Gas Manifold Pressure, with Standard Orifice		5" WC
Liquid Propane Manifold Pressure, with Standard Orifice		10" WC

DOMESTIC NATURAL GAS		
Description	IM15	IM15-2
Valve, Burner		
Orifice, Bypass,	Stamp 100	Stamp 140
Jet Holder, Large		
Orifice	Stamp 190	Stamp 195

DOMESTIC LP GAS		
Description	IM15	IM15-2
Valve, Burner Large		
Orifice, Bypass	Stamp 61	Stamp 75
Jet Holder, Large		
Orifice	Stamp 120	1.45 mm

For Altitudes up to 8,000 Feet

ICB PRODUCT ORIFICE USAGE

ICB NATURAL GAS	
Description	Identifier
Valve, Burner	
Orifice, Bypass,	Stamped 140
Jet Holder, Large	Purple & Blue

No Altitude Conversion Kit Required

ICB LP GAS	
Description	Identifier
Valve, Burner Large	
Orifice, Bypass	75
Jet Holder, Large	Purple & Pink

Conversion Kit Available for use above 8,000 Feet