



Therma-Tek
115 Rotary Drive, Valmont Industrial Park
West Hazleton, PA 18202



MODEL	CAPACITY
TEK 40-N 40-LP	40 LB
TEK 50-N 50-LP	50 LB
TEK 70-N 70-LP	70 LB

GAS SHALL BE:

- Natural Gas
 Propane

FREE STANDING GAS FRYERS - THREE, FOUR & FIVE TUBE FRYER

STANDARD FEATURES

- Peened Stainless Steel tank with smoothed out welds
- Stainless Steel Front; top ledge and header
- 1 1/4" Ball type – Full Port Drain
- Cool Zone in Fry Tank
- Built in Flue Deflector
- Efficient heat exchange tubes with high heat baffles: 3, 4 and 5 tubes available. Model TEK40 - 3 Tube Burners, 40lb Vat (90,000 btu/hr). Model TEK50 - 4 Tube Burners, 50lb Vat (120,000 btu/hr). Model TEK70 - 5 Tube Burners, 70lb Vat (150,000 btu/hr).
- Double Rod Stainless Steel Basket Hanger
- Stainless Steel door with door stabilizer
- Smooth Finish, High Grade G90 galvanized sides and back
- Two nickel chrome wire mesh fry baskets - red plastic coated handles
- Invensys Thermostat - 200°F to 400°F
- Auto reset high limit
- 6" adjustable legs, casters available
- Full foam zone
- Heavy construction; shipping weight 200 lb
- Welded door magnet
- Recessed door handle
- Warranty: 2 year parts and labor

ACCESSORIES

- Non-adjustable casters
- Stainless steel tank covers
- Grease strips

SPECIFICATIONS

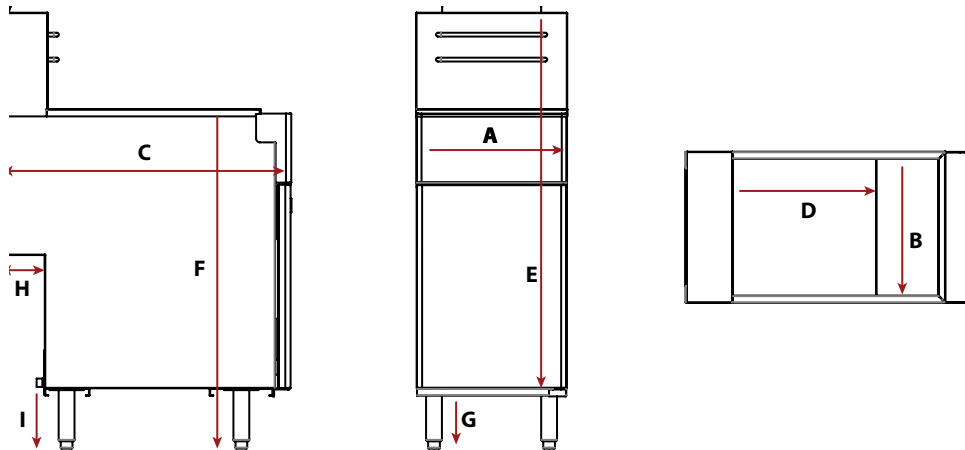
Therma-Tek Model TEK 40-N, TEK 40-LP, TEK 50-N, TEK 50-LP, TEK 70-N and TEK 70-LP are floor standing 3, 4 or 5 tube fryers in 40, 50 and 70 pound capacities. The fry tank is a peened all stainless steel tank with an efficient high heat battle system, cool zone and a 1 1/4" full port drain valve. The front and door is all stainless steel. Door is supported for extra strength with a welded magnet and reversible door handle. Two fry baskets are included with red plastic coated handles. 1 millivolt thermostat allows a temperature range of 200° F to 400°F. A back up safety Hi Limit control shuts the fryer down if shortening exceeds the maximum temperature. The Thermostat, Gas Valve and Hi Limit are Invensys/Robertshaw parts.



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IMPORTANT INFORMATION

- A combination valve with pressure regulator is provided with this unit.
 Natural Gas 4.0" (102 mm) W.C.
 Propane Gas 10.0" (279 mm) W.C.
- This fryer is not intended and should never be installed for home use and is manufactured with approvals for commercial installation only.
- Requires a 6" (152mm) clearance on the sides and rear to combustible surfaces.
- Requires a 16" (407mm) minimal clearance to open top burner units or any open flames.
- Pressure regulator is provided in the combination valve; pressure for Natural Gas 4" and Propane 10".
- Adequate ventilation and fire protection system for Commercial application of deep fat frying systems is required.
- Gas connection is 3/4" NPT (19mm) rear gas connection.



GAS SUPPLY AND BURNER INFORMATION

Supply pressure should be minimum of 4" W.C. for natural gas or 10" W.C. for propane. The fryer has one 3/4" NPT male connector located in the rear.

Model	Capacity		Depth		Height			Gas Connection		Total BTU/HR	Created Weight
	A	B	C	D	E	F	G	H	I		
TEK 40-N-LP	15.5"	14.0"	30.3"	14.0"	47.2"	34.7"	6.0"	4.2"	7.0"	90,000	169 s b
TEK 50-N-LP	15.5"	14.0"	30.3"	14.0"	47.2"	34.7"	6.0"	4.2"	7.0"	120,000	183 s b
TEK 70-N-LP	21.0"	18.0"	34.3"	14.0"	47.2"	34.7"	6.0"	4.2"	7.0"	150,000	209 s b

Model	Burners	Gas Type	Manifold Pressure	Number of heat tubes	Rate Each BTU/HR	Total BTU/HR	Orifice Size
TEK 40-N-LP	Main	Natural	4" .c.	3	30,000	90,000	#39
		Propane	10" .c.	3	30,000	90,000	#52
TEK 50-N-LP	Main	Natural	4" .c.	4	30,000	120,000	#39
		Propane	10" .c.	4	30,000	120,000	#52
TEK 70-N-LP	Main	Natural	4" .c.	5	30,000	150,000	#39
		Propane	10" .c.	5	30,000	150,000	#52

* Minimum supply pressure is 4" W.C. for natural gas and 10" W.C. for propane.
 ** Orifice sizes are for units installed at altitudes between 0 and 2000 feet above sea level.

Because of continuing product improvement, these specifications are subject to change without notice.

