

Commercial
Gas
Light Duty
Water Heaters

JOB NAME _____

LOCATION _____

ENGINEER _____

MECH. CONTRACTOR _____

MODEL NO. _____

GAS TYPE _____

Btu/hr INPUT _____

RECOVERY RATE IN GPH _____ @ _____ °F RISE

NOTES

Features

- **Heavy Gauge Steel Tank** – for extra years of trouble-free service.
- **Inner Tank Glass-Lined** – with Dura-Glas™ and fired at 1600° F for optimum protection from the effects of corrosion.
- **R-16.7 Non-CFC Foam Insulated** – to save energy and reduce fuel costs by maximizing heat retention.
- **Two Anode Rods** – to prolong tank life.
- **Self-Cleaning Turbulence Inducing Cold Water Inlet-Tube** – engineered to diminish hard water area sediment deposits.
- **Full Sized Hand-hole Cleanout** – for eased tank inspection and/or removal of sediment deposits.
- **Furnished with Four Heavy Gauge Steel Legs** – designed to maximize durability & afford rock-steady installation.
- **Automatic Non-Electric Gas Thermostat Adjustable to 180° F** – when installed with a mixing valve, can deliver 180° F sanitizing and 140° F general purpose hot water simultaneously.
- **Combustion Chamber Door** – including hinged knob outside access & sliding inner door to sequester burner & pilot area for added safety.
- **Factory Installed Energy Cut-Off System & Pressure/ Temperature Relief Valve.**
- **Small Vent Size & Top Mount Water Connections** – allow for universal replacement of other brands.
- **AMERICAN STANDARD Gas Water Heaters** – are certified at 300 PSI test pressure & for 150 PSI working pressure.
- **All Tanks Are Hydrostatically Tested at the Factory.**
- **Tested & Listed with ETL InterTek** – in accordance with ANSI, Z.21.10.3 - up to 180° F operation as an automatic storage and/or automatic circulating tank heater. ASHRAE Standard 90.1 1999 addendum 90.1b. ETL certified to meet NSF/ANSI 5 Standards.
- **Four Year Limited Warranty** – on inner glass-lined tank and one year limited warranty on all other component parts.

SPECIFICATIONS AND APPLICATION DATA

DIMENSIONS SHOWN IN INCHES

MODEL NUMBER	EXTERIOR DIMENSIONS			VENT	WATER PIPE SIZE	WATER I.P.S. CONNECTIONS		GAS I.P.S. CONNECTIONS		HEIGHT TO T & P OPENING	T & P OPENING
						HEIGHT TO TOP CONNECT	TOP WATER SPREAD	HGT	SIZE		
	A	B	C			D	E	F			
D 75-76-AS	69 1/4	26 3/8	62 1/2	4	1	66 1/8	16	17	1/2 NPT	55	3/4 NPT
D 100-83-AS	73 7/8	28 3/8	67		1 1/4	70 7/8				59 3/8	

MAXIMUM HOT WATER DELIVERABILITY AT VARIOUS TIME PERIODS

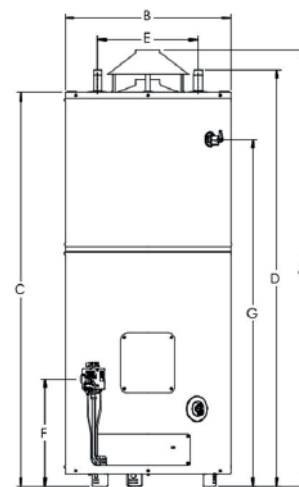
MODEL NUMBER	STORAGE CAPACITY U.S. GALLONS	ONE HOUR RECOVERY 100° RISE	1ST HOUR	2 HOURS	3 HOURS	GPM REC. 100° RISE
D 75-76-AS	75	74	127	201	275	1.2
D 100-83-AS	100	78	148	229	310	1.4

Note: Recovery rate indicated on heater rating plate is based on 75% (76%) thermal efficiency according to ANSI, Z.21.10.3 Manufacturer reserves the right to make product changes or improvements without notice.

SPECIFICATIONS

MODEL NUMBER	TANK GALLONS CAPACITY	BTU INPUT NAT/L.P. GAS	REC GPH 100° RISE NAT/L.P. GAS	THERM EFF %
D 75-76-AS	75	76,000	74	80
D 100-83-AS	100	80,000	78	

*For Propane (LP) Gas Model Add suffix "LP"; For SCAQMD Low NOx Model Add prefix "N"



RECOVERY IN GALLONS PER HOUR AT VARIOUS TEMPERATURE RISES

MODEL NUMBER	GAS TYPE	BTU INPUT	TEMPERATURE RISE										
			40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
D 75-76-AS	NAT / L.P.	76,000	185	148	123	105	92	82	74	67	62	57	53
D 100-83-AS		80,000	198	158	131	112	98	86	78	70	64	59	55

Note: Recovery rate indicated on heater rating plate is based on 75% (76%) thermal efficiency according to ANSI, Z.21.10.3. Manufacturer reserves the right to make product changes and/or improvements with or without notice.

SAMPLE SPECIFICATION

Commercial gas water heater shall be AMERICAN STANDARD model _____ having a storage capacity of _____ gallons, operate on _____ Gas, with a BTU input of _____ and a recovery rate of _____ gallons per hour at 100° F temperature rise. Water heater tank interior shall be glass lined with Dura-Glas™, furnished with four anode rods and insulation shall be non-CFC foam of R-16 Water heater shall be ETL listed.



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WATER HEATERS

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