

75, 80 & 100 Gallons Heavy Duty

12 Models ranging from 125,000 To 512,000 BTU's
Natural or L.P. Gas

Models: D-80-125-AS thru D-80-512-AS/ASME ('D' SERIES)

The American Standard Commercial Gas 'D' Series Models are designed to deliver large quantities of hot water economically utilizing only the most advanced energy saving techniques. Customary applications include industrial buildings, carwashes, hospitals, hotels, laundromats, motels, restaurants, schools, & multi-family developments up to 30 single or 21 double bath units.

Features

- **HEAVY GAUGE DURA-GLAS™ LINED STEEL TANK** – Provides optimal protection against corrosion effects for added years of trouble-free service.
- **NON CFC FOAM INSULATION** – Maximizes heat retention to save energy & reduce fuel costs.
- **EQUIPPED WITH 4 ANODE RODS** – Maximizes tank life.
- **ELECTRONIC DIRECT SPARK IGNITION** – Eliminates the requirement of a standing pilot.
- **AUTOMATIC MOTORIZED FLUE DAMPER** – Reduces operating costs during standby periods.
- **FULLY ADJUSTABLE TEMPERATURE SETTINGS** – 24 Volt controls allow simultaneous delivery of 180°F sanitizing & 140°F general purpose hot water.
- **FACTORY INSTALLED ENERGY CUT-OFF SYSTEM & PRESSURE TEMPERATURE RELIEF VALVE EFFORTLESS UNIVERSAL / MULTIPLE UNIT REPLACEMENT** – Circulating water connections lines are Top 1 1/2" and 2" Front & Rear.
- **CERTIFIED TO 300 PSI TEST & 150 PSI WORKING PRESSURES CSA INTERNATIONALLY CERTIFIED** – Up to 180°F operation as an automatic storage or circulating tank heater.
- **FULL SIZED HAND-HOLE CLEANOUT.**
- **FOUR YEAR LIMITED TANK WARRANTY** – On inner glass lined tank and one year limited warranty on all other components.

THIS WATER HEATER MEETS THE REQUIREMENTS OF ASHRAE 90.1-1999 AND MEETS OR EXCEEDS THE THERMAL EFFICIENCY AND STANDBY LOSS REQUIREMENTS OF CALIFORNIA AND OTHER STATES RECOGNIZING ASHRAE.

American Standard®
WATER HEATERS

www.americanstandardwaterheaters.com



Intertek

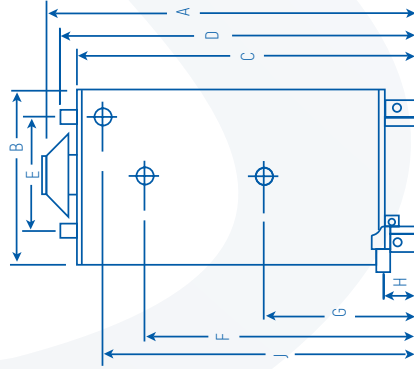


SPECIFICATIONS AND APPLICATION DATA

DIMENSIONS SHOWN IN INCHES

EXTERIOR DIMENSIONS

MODEL NUMBER	TANK GALLONS CAPACITY	BTU INPUT NAT GAS L/P.	REC GPH 100°F RISE	THERM EFF%	STANDBY LOSS	A		B		C		V E N T	PIPE SIZE		REAR & FRONT WATER CONN.	HGT. TO TOP WATER SPREAD	HGT. TO REAR & FRONT HOT	HGT. TO REAR & FRONT COLD	H S Z E	E N I N G
										TOP	TOP SIZE									
D-80-125-AS	80	125,000	121	80.23	95.4	73 1/4	26 1/4	67 1/4	5	1 1/2	2	70	19 5/8	55 1/4	22 3/4	4 3/4	1/2	57 1/8	3/4	
D-80-165-AS	80	165,000	160	80.18	95.7	75 1/4	26 1/4	67 1/2	6	1 1/2	2	70	19 5/8	55 1/4	22 3/4	4 3/4	1/2	57 1/8	3/4	
D-80-180-AS	80	180,000	175	80.27	105.1	75 1/4	26 1/4	67 1/2	6	1 1/2	2	70	19 5/8	55 1/4	22 3/4	4 3/4	1/2	57 1/8	3/4	
D-80-199-AS	80	199,900	194	80.69	855	68 1/4	28 1/4	60 1/2	6	1 1/2	2	63 5/8	21 1/4	52	18 3/4	4 3/4	1/2	53 5/8	3/4	
D-100-199-AS	100	199,900	194	80.32	1206	73 5/8	30 1/4	65 5/8	6	1 1/2	2	67 5/8	23 5/8	57 1/2	20	4 3/4	3/4	58 7/8	3/4	
D-100-T-199-AS	100	199,900	194	81.50	1120	78 1/4	28 1/4	70 1/2	6	1 1/2	2	73 5/8	21 1/4	62	18 3/4	4 3/4	3/4	63 5/8	3/4	
D-100-250-AS / D-100-250-ASME	100	250,000	242	81.01	1104.5	73 5/8	30 1/4	65 5/8	6	1 1/2	2	67 5/8	23 5/8	57 1/2	20	4 3/4	3/4	58 7/8	1	
D-100-270-AS / D-100-270-ASME	100	270,000	262	81.68	1141.5	73 5/8	30 1/4	65 5/8	6	1 1/2	2	67 5/8	23 5/8	57 1/2	20	4 3/4	3/4	58 7/8	1	
D-100-300-AS / D-100-300-ASME	100	300,000	291	81.06	1135	73 5/8	30 1/4	65 5/8	7	1 1/2	2	67 5/8	23 5/8	57 1/2	20	4 3/4	3/4	58 7/8	1	
D-75-365-AS / D-75-365-ASME	75	365,000	358	80.82	1298	75 3/4	30 1/4	66 1/4	8	N/A	2	N/A	N/A	57	19 1/4	4 3/4	3/4	58 1/4	1	
D-75-399-AS / D-75-399-ASME	75	399,900	393	80.87	1201	75 3/4	30 1/4	66 1/4	8	N/A	2	N/A	N/A	57	19 1/4	4 3/4	3/4	58 1/4	1	
D-80-512-AS / D-80-512-ASME	80	512,000	496	82.02	1309	72 1/4	30 1/4	66 1/4	10	N/A	2	N/A	N/A	57	19 1/4	4 3/4	1	58 1/4	1	



Requires 120 Volt 60 Cycle AC Power

SAMPLE SPECIFICATION

Commercial Gas Water Heaters 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-8.3. Water heater shall be CSA certified.

FOR PROPANE (LP) GAS MODEL ADD SUFFIX "LP". FOR SCAQMD REVIEW ULTRA LOW NOx SPEC SHEET MAXIMUM HOT WATER DELIVERABILITY AT VARIOUS TIME PERIODS

RECOVERY IN GALLONS AT VARIOUS TEMPERATURE RISES

MAXIMUM HOT WATER DELIVERABILITY AT VARIOUS TIME PERIODS										TEMPERATURE RISE									
MODEL NUMBER	STORAGE CAPACITY GALLONS	ONE HOUR RECOVERY 100° RISE	1ST HOUR	2 HOURS	3 HOURS	GPM REC. 100° RISE	GAS TYPE	BTU INPUT	40°	50°	60°	70°	80°	90°	100°	110°	120°	130°	140°
D-80-125-AS	80	121	177	298	419	20	NAT & L.P.	125,000	303	242	202	173	152	135	121	110	101	93	87
D-80-165-AS	80	160	216	375	536	27	NAT & L.P.	165,000	400	320	267	229	200	178	160	145	133	123	114
D-80-180-AS	80	175	231	406	581	29	NAT & L.P.	180,000	436	349	291	249	218	194	175	159	145	134	125
D-80-199-AS	80	194	250	444	638	3.2	NAT & L.P.	199,900	485	388	323	277	242	215	194	176	162	149	138
D-100-199-AS	100	194	264	468	662	3.2	NAT & L.P.	199,900	485	388	323	277	242	215	194	176	162	149	138
D-100-T-199-AS	100	194	264	468	662	3.2	NAT & L.P.	199,900	485	388	323	277	242	215	194	176	162	149	138
D-100-250-AS / D-100-250-ASME	100	242	312	554	796	4.0	NAT & L.P.	250,000	606	485	404	346	303	269	242	220	202	186	173
D-100-270-AS / D-100-270-ASME	100	262	332	594	856	4.4	NAT & L.P.	270,000	655	524	436	374	327	291	262	238	218	201	187
D-100-300-AS / D-100-300-ASME	100	291	361	662	943	4.9	NAT & L.P.	300,000	727	582	485	416	364	323	291	265	242	224	208
D-75-365-AS / D-75-365-ASME	75	358	411	769	1179	5.9	NAT & L.P.	365,000	895	716	597	511	448	398	358	326	298	276	256
D-75-399-AS / D-75-399-ASME	80	393	446	839	1232	6.6	NAT & L.P.	399,000	982	785	654	561	491	436	393	357	327	302	280
D-80-512-AS / D-80-512-ASME	80	496	552	1048	1544	8.3	NAT & L.P.	512,000	1241	993	827	709	621	552	496	451	414	382	355

Note: Recovery rate indicated on heater rating plate is based on 75% (76%) thermal efficiency according to CSA (ANSI Z21.10.3) Manufacturer reserves the right to make product changes and/or improvements with or without notice.

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American Standard
WATER HEATERS
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