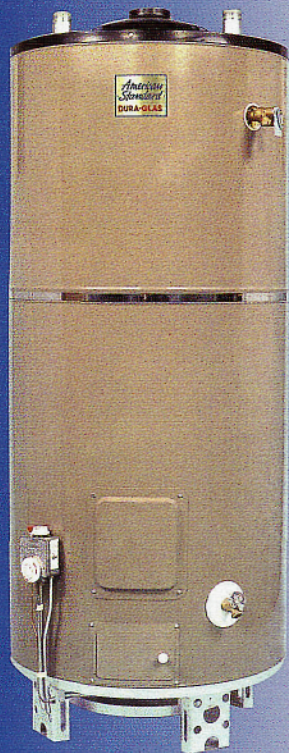


American Standard®

COMMERCIAL WATER HEATERS



■ LIGHT TO MEDIUM DUTY GAS MODELS

76,100 – 83,000 BTUs

■ HEAVY DUTY DIRECT SPARK IGNITION AND FLUE DAMPED GAS SERIES

125,000 – 512,000 BTUs

■ ELECTRIC MODELS

6 – 54 KW

■ STORAGE TANKS

80 – 120 Gallons

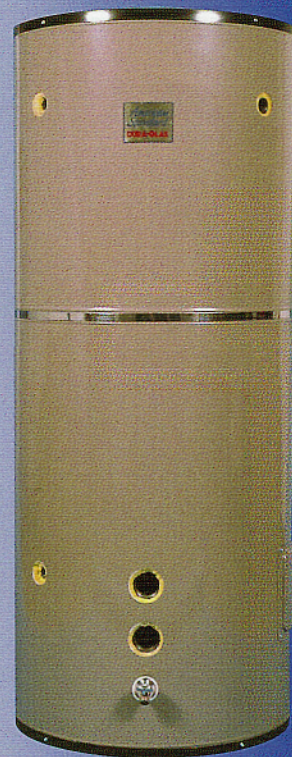
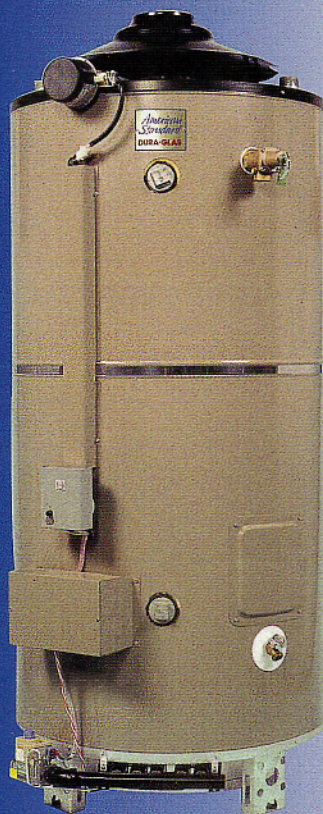
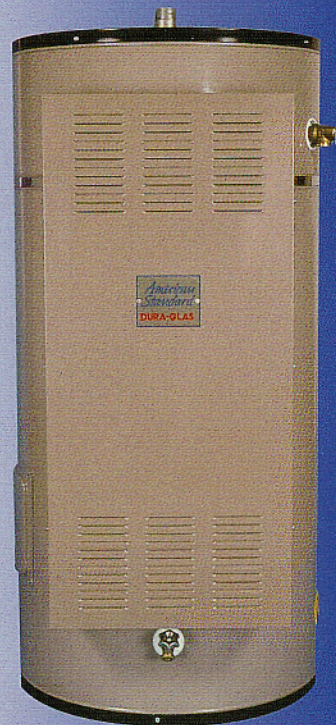
**DESIGNED and
MANUFACTURED
to the HIGHEST STANDARD**

AMERICAN STANDARD energy efficient natural and propane gas commercial water heaters are designed to deliver large amounts of hot water economically on a commercial basis. Vent sizes and top, rear and front water connections evince AMERICAN STANDARD commercial gas water heaters as universal replacements for all brands. Whether used singly, connected to other units or to AMERICAN STANDARD storage tanks, they can provide a totally independent hot water system.

AMERICAN STANDARD Commercial Electric Models are ideal for point-of-use installations.

AMERICAN STANDARD commercial tanks are constructed with heavy gauge steel, interiors completely enameled with DURA-GLAS™ to resist the corrosive effects of hot water, are hydrostatically tested and rated for 150 psi working pressure and protected with multiple long-life anode rods. Gas models are CSA International design-certified and meet or exceed federal and state energy efficiency, recovery and standby loss requirements. Commercial Electric models are Underwriters Laboratories listed.

AMERICAN STANDARD commercial water heaters are backed with a three-year limited warranty on the inner tank (five years on storage tanks) and a one-year limited warranty on all other component parts.



LIGHT DUTY STORAGE SERIES STANDARD FEATURES

- DURA-GLAS™ Enameled Heavy Gauge Single-Flue Steel Tank
- Dual Anode Tank Protection
- R-16 Foam Insulated
- Easy Access Full Size Inspection Port/Hand-hole Cleanout
- Factory Installed Pressure/Temperature Relief Valve
- Four-inch Vent for Easier Replacement Installations
- Automatic Non-electric Thermostat with Temperature Setting Adjustable to 180°
- Top Mount 1½" Male Water Connections... affords universal replacement of 1", 1¼", or 1½" water connect units
- Turbulence-inducing Cold Water Inlet Dip Tube to reduce settlement of energy-robbing sediment deposits

HEAVY DUTY SERIES STANDARD FEATURES

- DURA-GLAS™ Enameled Heavy Duty Multi-Flue Steel Tank
- R-8 Foam Insulated
- Automatic Motorized Flue Damper to reduce heat loss during standby periods for lowest operating costs
- Electronic Direct Spark Ignition System saves fuel by eliminating constant burning pilot
- Four Anode Rods to ensure maximum tank life
- Easy Access Full Size Inspection Port/Hand-hole Cleanout
- Fully Adjustable Controls to 180° temperature
- Turbulence-inducing Cold Water Inlet Dip Tube on 1½" Top Water Connections to reduce settlement of hard water area sediment
- Top 1½" and 2" Front and Rear Water Connections for eased multiple heater and storage tank installations and universal replacements
- Factory Installed Temperature/Pressure Relief Valve

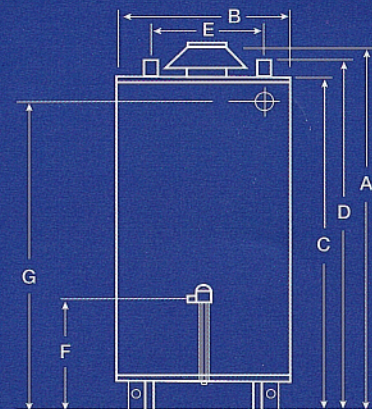
All models are design-certified by CSA International and meet or exceed the efficiency requirements of the D.O.E. Energy Policy Act (EPact), ASHRAE 90.1-1999 and the energy efficiency mandates of the State of California. Low NOx SCAQMD certified models available.

Recovery ratings indicated on the specification charts on adjacent page are based on thermal efficiencies up to 80%. Recovery rates shown on heater rating plates are based on 75% thermal efficiency in accordance with ANSI Z-21.103.

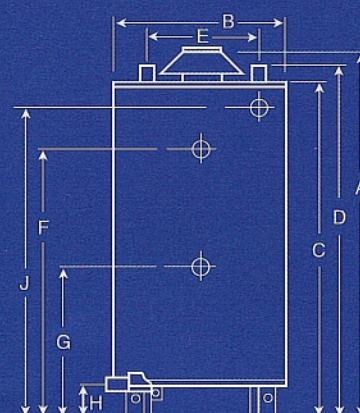
SPARK IGNITION and DAMPERED HEAVY DUTY MODELS

ELECTRICAL REQUIREMENTS:

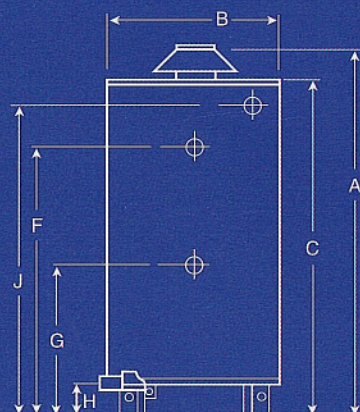
120 VOLT, 60 CYCLE AC POWER
DRAWS LESS THAN 5 AMPS



MODELS: 75-76; 100-83



MODELS: D-80-125; D-80-165;
D-80-180; D-80-199; D-100-199;
D-100T-199; D-100-250;
D-100-270; D-100-300



MODELS: D-75-365; D-75-399;
D-80-512

COMMERCIAL GAS WATER HEATERS

SPECIFICATIONS and DIMENSIONS

LIGHT DUTY STORAGE MODELS

MODEL NUMBER NAT. GAS*	GAL CAP	BTU INPUT	REC 100° RISE	CONNECTIONS IN INCHES				DIMENSIONS SHOWN IN INCHES <i>(See drawing left page)</i>						
				VENT	TOP WTR	GAS	T&P	A	B	C	D	E	F	G
75-76-AS	75	76,100	74	4	1½	½	¾	66¾	26¼	64½	66¾	16	18	56½
100-83-AS	100	83,000	81	4	1½	½	¾	70¾	28	68⅞	71⅞	16	18	59½

HEAVY DUTY SPARK IGNITION/FLUE DAMPERED MODELS

MODEL NUMBER NAT. GAS*	GAL CAP	BTU INPUT	REC 100° RISE	CONNECTIONS IN INCHES					DIMENSIONS SHOWN IN INCHES <i>(See drawing left page)</i>								
				VENT	TOP WTR	REAR & FRONT WTR	GAS	T&P	A	B	C	D	E	F	G	H	J
D-80-125-AS	80	125,000	121	5	1½	2	½	¾	73¼	26¼	67½	70	19⅝	55¼	22¾	4¾	57⅞
D-80-165-AS	80	165,000	168	6	1½	2	½	¾	75¼	26¼	67½	70	19⅝	55¼	22¾	4¾	57⅞
D-80-180-AS	80	180,000	177	6	1½	2	½	¾	75¼	26¼	67½	70	19⅝	55¼	22¾	4¾	57⅞
D-80-199-AS	80	199,900	194	6	1½	2	½	¾	68¼	28¼	60½	63⅝	21¼	52	18¾	4¾	53⅝
D-100-199-AS	100	199,900	194	6	1½	2	½	¾	73⅝	30¼	65⅝	67⅝	23⅝	57½	20	4¾	58⅞
D-100T-199-AS	100	199,900	194	6	1½	2	½	¾	78¼	28¼	70½	73⅝	21¼	62	18¾	4¾	63⅝
D-100-250-AS	100	250,000	242	6	1½	2	½	1	73⅝	30¼	65⅝	67⅝	23⅝	57½	20	4¾	58⅞
D-100-270-AS	100	270,000	255	6	1½	2	½	1	73⅝	30¼	65⅝	67⅝	23⅝	57½	20	4¾	58⅞
D-100-300-AS	100	300,000	291	7	1½	2	½	1	73⅝	30¼	65⅝	67⅝	23⅝	57½	20	4¾	58⅞
D-75-365-AS	75	365,000	358	8	N/A	2	1	1	75¾	30¼	66¼	N/A	N/A	57	19¼	4¾	58¼
D-75-399-AS	75	399,900	393	8	N/A	2	1	1	75¾	30¼	66¼	N/A	N/A	57	19¼	4¾	58¼
D-80-512-AS	80	512,000	496	10	N/A	2	1	1	72¼	30¼	66¼	N/A	N/A	57	19¼	4¾	58¼

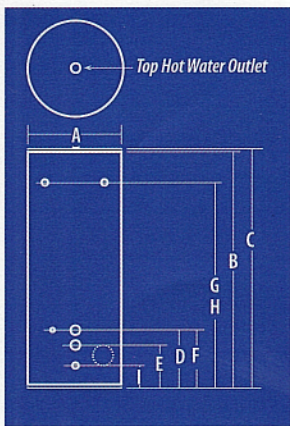
ASME CODE MODELS (Spark Ignition/Flue Dampered)

MODEL NUMBER NAT. GAS*	GAL CAP	BTU INPUT	REC 100° RISE	CONNECTIONS IN INCHES					DIMENSIONS SHOWN IN INCHES <i>(See drawing left page)</i>								
				VENT	TOP WTR	REAR & FRONT WTR	GAS	T&P	A	B	C	D	E	F	G	H	J
D-100-250-ASME	100	250,000	242	6	1½	2	½	1	73⅝	30¼	65⅝	67⅝	23⅝	57½	20	4¾	58⅞
D-100-270-ASME	100	270,000	255	6	1½	2	½	1	73⅝	30¼	65⅝	67⅝	23⅝	57½	20	4¾	58⅞
D-100-300-ASME	100	300,000	291	7	1½	2	½	1	73⅝	30¼	65⅝	67⅝	23⅝	57½	20	4¾	58⅞
D-75-365-ASME	75	365,000	358	8	N/A	2	1	1	75¾	30¼	66¼	N/A	N/A	57	19¼	4¾	58¼
D-75-399-ASME	75	399,900	393	8	N/A	2	1	1	75¾	30¼	66¼	N/A	N/A	57	19¼	4¾	58¼
D-80-512-ASME	80	512,000	496	10	N/A	2	1	1	72¼	30¼	66¼	N/A	N/A	57	19¼	4¾	58¼

* FOR PROPANE (LP) GAS MODELS ADD SUFFIX "LP" [EXAMPLE: 75-76-AS-LP]; FOR SCAQMD LOW NO_x MODELS ADD PREFIX "N" [EXAMPLE: N-D-80-165-AS]

COMMERCIAL STORAGE TANKS

(Full Two Inches — Non-CFC Foam Insulation)



MODEL	GAL CAP	DIMENSIONS IN INCHES								
		A	B	C	D	E	F	G	H	I
ST-80-AS	80	26 1/4	56 1/8	56 1/4	16 1/4	11 1/4	16 1/4	48 9/16	48 9/16	6 1/2
ST-120-AS	119	28 1/4	67 7/8	68	16 1/4	11 1/4	16 1/4	60	60	6 1/2
ST-120-ASME	120	28 1/4	67 7/8	68	16 1/4	11 1/4	16 1/4	60	60	6 1/2

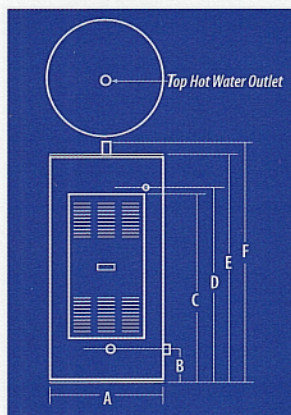
CONNECTIONS:

Hot Water and Circulation Line – 2"; Aquastat & Thermometer – 3/4"; T&P Valve – 1"

- All Storage Tank Models equipped with Full Size Hand-hole Clean-out.
- Five Year Limited Warranty on Inner Glass Lined Tank and One Year Limited Warranty on Component Parts.

COMMERCIAL ELECTRIC WATER HEATERS

(6-54 KW – 208V, 240V, 277V, 480V) *



MODEL	GAL CAP	WTR. CONNS	DIMENSIONS IN INCHES					
			A	B	C	D	E	F
CE-52-AS	52	1 1/2"	24 3/4	6 1/2	47 9/16	44 3/8	51 1/2	54 1/4
CE-80-AS	80	1 1/2"	28 1/4	6 1/2	47 9/16	44 17/32	56 1/4	58 5/8
CE-120-AS	119	1 1/2"	30 1/4	6 1/2	47 9/16	58 7/8	68	70 3/4

* 280V, 240V, 480V MODELS available in SINGLE or THREE PHASE.
277V MODELS SINGLE PHASE only.

ALL COMMERCIAL ELECTRIC MODELS FEATURE:

- Three Inches of Non-CFC Foam Insulation
- Multiple Anode Rods
- Low Watt Density Screw-in Incoloy Elements
- Individual Thermostat for each Heating Element
- Heating Elements and Thermostat Controls Fuse Protected
- Factory Installed Energy Cut-off System and Temperature/Pressure Relief Valve
- Full Size Hand-hole Cleanout
- Factory Pre-wired Control Box
- Heavy Gauge Steel Tank Glass lined with Dura-Glas™



KW INPUT	GPH RECOVERY AT VARIOUS TEMPERATURE RISES								
	40°	50°	60°	70°	80°	90°	100°	120°	140°
6	62	50	41	35	31	28	25	21	18
9	93	74	62	53	47	41	37	31	27
12	124	99	83	71	62	55	50	41	35
15	155	124	103	89	78	69	62	52	44
18	186	149	124	106	93	83	74	62	53
24	248	199	164	142	124	110	99	83	71
27	279	223	186	160	140	124	112	93	80
30	310	248	207	177	155	138	124	103	89
36	372	298	248	213	186	165	149	124	106
45	465	372	310	266	233	207	186	155	133
54	558	447	372	319	279	248	223	186	160

American Standard® Commercial Water Heaters

K D Sales Plumbing Supplies - 24821 Redlands Blvd. Loma Linda, CA
(909) 799-5485