

# Commercial Gas Water Heaters

## All Models Feature

- Glass-lined tank and flue tubes provide prolonged life
- Multi-flue design for maximum heat transfer
- 2-inch polyurethane insulation for maximum heat retention and lowest standby heat loss
- Magnesium 'tank savers' inhibit corrosion and prolong tank life
- Heavy steel jacket with baked enamel finish
- 100% Pilot Safety
- 115 VAC required
- Dual inlet-outlet connections on top and sides for easy replacement
- Handhole cleanout
- Slide-out burner tray

## Standard Equipment

### **ATMOSPHERIC**

- Low silhouette drafthood
- Standing pilot

### **ATMOSPHERIC WITH VENT DAMPER**

- Automatic electronic flue damper
- Spark ignition

### **DRAFT ASSISTED**

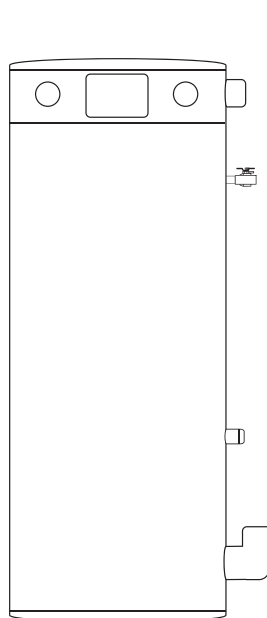
- Vent Damper
- 4-second main gas shutdown
- Spark ignition

### **SEALED COMBUSTION**

- Fan assisted
- High efficiency
- Condensing
- Hot surface ignitor

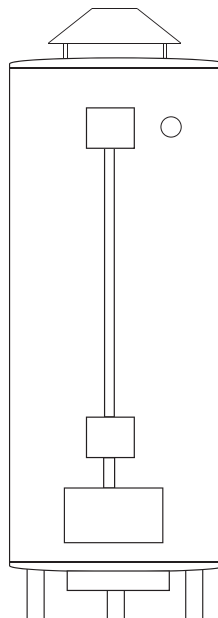
### Up to 96% Thermal Efficiency

- 125-300 MBTU Input
- 3-Year Warranty
- AGA Certified
- Natural and LP Gas



### Up to 80% Thermal Efficiency

- 80-723 MBTU Input
- 3-Year Warranty
- AGA Certified
- Natural and LP Gas



# Specifications and Dimensions

## Standard Efficiency Gas Water Heating

Model	Tank Const.	Gallon Cap	GPH @ 100°F Rise	BTU/hr. Input	Vent Size	Heater Height	Total Height	Diameter	Gas Conn. Height	Water Conn.** (NPT)	Gas Conn. (NPT)	Shipping Weight
HE 50-65*	STD	48	60	65,000	4"	56.25"	59.25"	22.00"	13.00"	0.75" T	0.50"	160 lbs.
HE 75-80*	STD	74	75	76,000	4"	59.00"	62.25"	26.00"	15.00"	1.00" T	0.50"	247 lbs.
HE 100-88*	STD	100	82	85,000	4"	65.25"	68.75"	28.25"	15.50"	1.25" T	0.50"	420 lbs.
HED 75-125*	STD	75	121	125,000	5"	65.00"	72.25"	28.25"	4.75"	1.50" T/F	0.75"	520 lbs.
HED 75-160**	STD	75	155	160,000	6"	65.00"	72.25"	28.25"	4.75"	1.50" T/F	0.75"	520 lbs.
HED 80-180	STD	80	175	180,000	6"	64.25"	75.00"	28.25"	4.75"	1.50" T/F	0.75"	540 lbs.
HED 100-200S	STD	100	194	199,999	6"	65.00"	75.00"	30.25"	5.0"	1.50" T/F, 2.00" B	0.75"	725 lbs.
HED 80-200*	STD	80	194	199,999	6"	64.5"	72.5"	28.25"	4.75"	1.50" T/F	0.75"	540 lbs.
HED 98-200	STD	98	194	199,999	6"	75.50"	83.5"	28.25"	4.75"	1.50" T/F	0.75"	610 lbs.
HED 100-250A*	ASME	98	242	250,000	6"	75.50"	83.50"	28.25"	4.75"	1.50" T/F	0.75"	690 lbs.
HED 75-300A	ASME	75	291	300,000	7"	64.50"	73.00"	28.25"	10.50"	1.50" F	0.75"	645 lbs.
HED 65-370A	ASME	65	359	370,000	8"	64.50"	73.50"	28.25"	10.50"	1.50" F	1.00", 0.75" LP	720 lbs.
HED 80-400A*	ASME	80	388	399,999	8"	60.00"	71.50"	30.25"	10.50"	1.50" F, 2.00" B	1.00", 0.75" LP	835 lbs.
HED 80-505A*	ASME	80	496	505,000	10"	60.00"	69.50"	30.25"	10.50"	1.50" F, 2.00" B	1.00", 0.75" LP	835 lbs.
HED 65-625A	ASME	65	606	625,000	8"	69.50"	69.50"	28.25"	10.50"	1.50" F	1.00", 0.75" LP	775 lbs.
HED 80-725A	ASME	80	703	725,000	8"	79.75"	79.25"	28.25"	10.50"	1.50" F	1.00", 0.75" LP	880 lbs.

\* Models have one aquastat

\*\* T = Top Connections

F = Front Connections

B = Back Connections

• LP Inputs

## LP Inputs

Model	BTU/hr Input	GPH @ 100°F Rise
HED 75-160	155,000	147
HED 80-200	190,000	184
HED 98-250A	235,000	228
HED 80-400A	375,000	364
HED 80-505A	475,000	461

## High Efficiency Condensing Water Heating

Model	Tank Const.	Gallon Cap	GPH @ 100°F Rise	BTU/hr. Input	Vent Size	Heater Height	Total Height	Diameter	Gas Conn. Height	Water Conn.** (NPT)	Gas Conn. (NPT)	Shipping Weight
HCD 60-125	STD	60	148	125,000	3" or 4"	57.00"	57.00"	28.25"	53.50"	1"	0.75"	570 lbs.
HCD 60-150	STD	60	178	150,000	3" or 4"	57.00"	57.00"	28.25"	53.50"	1"	0.75"	570 lbs.
HCD 100-150	STD	100	178	150,000	3" or 4"	77.75"	77.75"	28.25"	74.75"	1"	0.75"	900 lbs.
HCD 100-200	STD	100	238	199,000	3" or 4"	77.75"	77.75"	28.25"	74.75"	1"	0.75"	900 lbs.
HCD 100-250A	ASME	100	297	250,000	3" or 4"	77.75"	77.75"	28.25"	74.75"	1.50"	0.75"	900 lbs.
HCD 100-300A	ASME	100	342	300,000	3" or 4"	77.75"	77.75"	28.25"	73.25"	1.50"	0.75"	900 lbs.

### Notes:

HE = Standing Pilot

HED = Spark Ignition and Flue Damper (Models HED 65-625A & HED 80-725A are Draft Assisted)

All models over 200,000 input are available in Standard or ASME construction

All models meet or exceed ASHRAE requirements for efficiency and stand-by heat loss

Mounted T & P Relief Valve on all models