

COMMERCIAL GAS MODELS



ASME & NON-ASME ELECTRONIC IGNITION

ASME and Non-ASME Electronic Ignition models, featuring the ICON HD™ Commercial Control System, provide solutions to applications with various demands for hot water. With capacities ranging from 38 – 100 gallons and with inputs from 125,000 - 505,000 BTU/Hr., there's a model that will meet most any requirement. Power Vent kits are available for all models.

APPLICATIONS:

Apartments, cafeterias, and restaurants

FEATURES:

full descriptions are available in glossary beginning on page 33

- ICON HD™ Commercial Control System
- OnGuard RMT™ System Compatible– Accessory Module Required
- Electronic Ignition
- Hydrojet® Sediment Reduction System
- Vitraglas® Lining
- Max Temp - 180°F
- Energy Cut-Off (E.C.O.)
- Hand Hole Cleanout
- NSF Construction Available
- ASME Construction Available on all Models Over 199,999 BTU/Hr.
- 1 ½" NPT Dielectric Waterway Fittings
- Low NOx Models Available
- Protective Magnesium Anode Rod
- T&P Relief Valve Installed
- Non-CFC Foam Insulation
- 3-Year Limited Tank Warranty– can be upgraded to 5-Year at additional cost

Model Number	Capacity U.S. Gal.	Input		First Hour Delivery Rating @100°F	Recovery GPH at Degree Rise			Floor to Top of Heater in.	Jacket Dia. in.	Vent Size in.	Approx. Shipping Weight lbs.	
		Nat. BTU/Hr.	LP BTU/Hr.		40°F	100°F	140°F				STD.	ASME
D-38T-155-3N+	38	155,000	155,000	177	376	150	107	43½	28¼	6	438	–
D-75T-125-3N	75	125,000	125,000	174	303	121	86	65	28¼	5	520	–
D-75T-160-3N	75	160,000	155,000	208	389	155	111	65	28¼	6	520	–
D-80T-180-3N	80	180,000	180,000	231	436	175	124	64½	28¼	6	540	–
D-80T-199-3N	80	199,999	199,999	250	485	194	139	64½	28¼	6	540	–
D-80T-250-3N(A)	80	250,000	235,000	298	606	242	173	64½	28¼	6	540	590
D-100T-199-3N	98	199,999	199,999	263	485	194	139	75½	28¼	6	610	–
D-100T-250-3N(A)	98	250,000	235,000	311	606	242	173	75½	28¼	6	610	690
D-75T-300-3N(A)	75	300,000	300,000	344	727	291	208	65¾	28¼	7	590	645
D-65T-370-3N(A)	65	370,000	370,000	405	897	359	256	64¾	28¼	8	665	720
D-65T-399-3N(A)**	65	399,999	399,999	424	970	388	277	64¾	28¼	8	665	720
D-80T-425-3N(A)	80	425,000	425,000	468	1030	412	294	75½	28¼	10	750	800
D-80T-505-3N(A)	80	505,000	505,000	527	1178	471	337	75½	28¼	10	750	800
D-100S-199-3N	100	199,999	199,999	264	485	194	139	67⅞	28¼	6	667	–
D-100S-250-3N(A)	100	250,000	250,000	312	606	242	173	67⅞	28¼	6	667	702
D-100L-199-3N	100	199,999	199,999	264	485	194	139	64¾	30¼	6	725	–
D-100L-250-3N(A)	100	250,000	250,000	312	606	242	173	64¾	30¼	6	725	765
D-100L-270-3N(A)**	100	270,000	270,000	332	655	262	187	64¾	30¼	6	725	765
D-100L-300-3N(A)	100	300,000	300,000	361	727	291	208	64¾	30¼	7	725	765
D-80L-399-3N(A)	80	399,999	375,000	444	970	388	277	60¼	30¼	8	800	835
D-80L-450-3N(A)	80	450,000	425,000	492	1091	436	312	60¼	30¼	10	800	835
D-80L-505-3N(A)	80	505,000	475,000	545	1224	489	350	60¼	30¼	10	800	835

Check local codes if installation is for sanitation purposes.

(A)= ASME Available
 ** = Available in Natural Gas Only
 + = Fiberglass Insulation
 For Propane (LP) Gas models change suffix "N" to "X".
 (Example D-75T-125-3X)
 220V/50Hz Available - Consult factory.

* Recoveries and First Hour Delivery Rating are based on Natural Gas Input and 80% Thermal Efficiency.
 Low NOx models are not available for inputs over 399,999 BTU/Hr.
 For Low NOx compliance place an "E" following the BTU input identifier of the model number. (Example: D-75T-125E-3N)
 Amperage Draw = .5 for damper models/less than 4 for induced draft models.
 For 5 year models change suffix from "3" to "5".

