

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
- 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 1/2" 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		Recovery* GPH at Degree Rise			Floor to Vent Conn. 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	376	150	107	51	28 1/4	6	438	-
D-75T-125-3N	75	125,000	125,000	303	121	86	72 1/4	28 1/4	5	520	-
D-75T-160-3N	75	160,000	155,000	389	155	111	72 1/4	28 1/4	6	520	-
D-80T-180-3N	80	180,000	180,000	436	175	124	71 7/8	28 1/4	6	540	-
D-80T-199-3N	80	199,999	199,999	485	194	139	71 7/8	28 1/4	6	540	-
D-80T-250-3N(A)	80	250,000	235,000	606	242	173	71 3/8	28 1/4	6	540	590
D-100T-199-3N	98	199,999	199,999	485	194	139	83 3/8	28 1/4	6	610	-
D-100T-250-3N(A)	98	250,000	235,000	606	242	173	83 3/8	28 1/4	6	610	690
D-75T-300-3N(A)	75	300,000	300,000	727	291	208	74 3/8	28 1/4	7	590	645
D-65T-370-3N(A)	65	370,000	370,000	897	359	256	73 1/4	28 1/4	8	665	720
D-65T-399-3N(A)**	65	399,999	399,999	970	388	277	73 1/4	28 1/4	8	665	720
D-80T-425-3N(A)	80	425,000	425,000	1030	412	294	82 3/4	28 1/4	10	750	800
D-80T-505-3N(A)	80	505,000	505,000	1178	471	337	82 3/4	28 1/4	10	750	800
D-100S-199-3N	100	199,999	199,999	485	194	139	76 3/4	28 1/4	6	667	-
D-100S-250-3N(A)	100	250,000	250,000	606	242	173	76 3/4	28 1/4	6	667	702
D-100L-199-3N	100	199,999	199,999	485	194	139	75	30 1/4	6	725	-
D-100L-250-3N(A)	100	250,000	250,000	606	242	173	75	30 1/4	6	725	765
D-100L-270-3N(A)**	100	270,000	270,000	655	262	187	75	30 1/4	6	725	765
D-100L-300-3N(A)	100	300,000	300,000	727	291	208	75 3/8	30 1/4	7	725	765
D-80L-399-3N(A)	80	399,999	375,000	970	388	277	71 1/2	30 1/4	8	800	835
D-80L-450-3N(A)	80	450,000	425,000	1091	436	312	69	30 1/4	10	800	835
D-80L-505-3N(A)	80	505,000	475,000	1224	489	350	69	30 1/4	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 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".



LLC - Low Lead Content

