

## Ultra Boiler - Series 1 & 2

### Heat Exchanger / Piping Parts - Ultra-80/105

Fig. No.	Part No.	Description	Boiler Model
1	383-500-612 383-500-613 383-500-614	Heat Exchanger Replacement Kit (Includes: Heat Exchanger, Cover Plate, Burner, Electrode, Water Sensors, Compression Fittings, Condensate Fitting, Gaskets and Hardware)	80NG 80LP 105
2	383-501-022	Cover Plate Replacement Kit (Includes: Cover Plate, Cover Plate Gasket, Burner Gasket and Hardware)	80, 105
3	591-200-000	Cover Plate Gasket/Insulation	80, 105
4	590-300-000	Burner Gasket	80, 105
5	383-500-260	Water Compression Fitting, 28mm Return	80, 105
6	564-100-002	Water Compression Fitting, 22mm Supply	80, 105
7	383-501-036	Water Supply Piping Assembly (Includes: Pipe, Temperature Well, Check Valve, Cap (Assembled) and Compression Fitting)	80, 105
8	383-500-270	½" N.P.T. Well for Temperature Gauge	ALL
9	383-500-275	Pressure/Temperature Gauge Check Valve	ALL
10	383-501-037	Return Water Pipe Assembly (Includes: Pipe, Drain Valve, Cap (Assembled) and Compression Fitting)	80, 105
11	511-246-392	Boiler Drain Valve, ¾" N.P.T.	ALL
12	383-501-027	Blower Assembly Kit (Includes: Blower, Gasket and Hardware)	80, 105
13	383-501-038	Gas Pipe Assembly (Includes: Gas pipe, Shut-Off Valve, 1½" Nipple, Adapter Block, O-ring and Hardware)	80, 105
N/S	563-910-031	Gas Valve Block (Includes Block, O-ring, and Screws)	All
14	383-501-029	Gas Valve/Venturi Kit (Includes: Gas valve, Venturi, 90° Elbow, Gaskets, and Hardware (Assembled)) (For LP boilers, Make Sure To Reinstall The Existing Propane Orifice)	80
	383-501-030	Gas Valve/Venturi Kit (Includes: Gas valve, Venturi, 90° Elbow, Gaskets, and Hardware (Assembled)) (For LP boilers, Make Sure To Reinstall The Existing Propane Orifice)	105
15	Obtain Locally	Manual Gas Valve, ½" N.P.T.	80, 105
16	383-501-026	Air Silencer Kit (Includes: Air Silencer and Gasket)	80, 105
17	383-501-025	Air Silencer Adapter Kit (Includes: Air Silencer Adapter and Hardware)	80, 105
18	383-501-031	Condensate Trap Kit (Includes: Condensate Trap, Hose Clamps, PVC Fittings and Gasket)	80, 105
19	383-500-045	Ignition Electrode Kit (Includes: Ignition Electrode, Suppressor, Gasket and Hardware)	ALL
N/S	511-330-253	Igniter Gasket	All
	383-500-050	Ignition Cable Kit (Includes: Ignition Cable, Suppressor and Wire Tie)	ALL
20	383-500-020	Inspection Glass Kit (Includes: Bracket, Glass, Gasket and Hardware)	ALL
21	383-501-032 383-501-033 383-501-034	Burner Replacement Kit (Includes: Burner, Gaskets and Hardware)	80NG 80LP 105
N/S	383-900-090	Burner Insert Repair Kit (Includes Drill, Tap, Inserts, Screws, Instructions)	All
22	590-300-003	Gasket Rubber, Blower	80, 105
23	383-500-300	Return/Supply Sensor Kit-- (1) Sensor	80, 105
N/S	590-317-310	Cork Gasket (Goes Between Gas Valve Venturi and Burner Inlet)	ALL
	560-340-598	Cover Plate Studs, M6, 1 Pitch	ALL
	561-928-449	Cover Plate Nuts, M6, 1 Pitch	ALL
24	561-200-000	Condensate Fitting	80/105

**Ultra Boiler - Series 1&2**  
**Heat Exchanger / Piping Parts Continued**  
**Ultra 155 / 230 / 310**

Fig. No.	Part No.	Description	Model
N/S	383-500-050	Ignition Cable Kit (Includes Ignition Cable, Suppressor, and Wire Tie)	All
18	383-500-020	Inspection Glass Kit (Includes Glass, Bracket, Gasket, and Hardware)	All
19	383-500-085	Burner Replacement Kit (Includes Burner, Gasket, and Hardware), Series 1&2, Natural Gas or Propane	155
	383-500-090		230
	383-500-407		310
N/S	383-900-090	Burner Insert Repair Kit (Includes 6.9 MM Drill, Tap, Inserts, Screws, and Instructions)	155,230,310
	383-500-660	Burner Locking Plate Kit (Includes 3 screws, and 3 locking plates)	155,230,310
20	383-500-300	Return/Supply Sensor (Includes 1 Sensor) ( 12 kohms)	All
N/S	562-248-755	Square Cut Gasket For Ultra 310 Supply/Return Compression Fittings Garlock	All
	561-326-828	Fitting Double Nipple For Ultra 310 Supply/Return- 1½"	
	511-330-253	Ignitor Gasket	All
	590-317-310	Cork Gasket (Goes Between Gas Valve Venturi and Blower)	All
	590-318-006	Gasket, Rubber (Goes Between Blower and Cover Plate)	All
	562-248-755	Gasket, Garlock (Supply/Return Fitting)	310