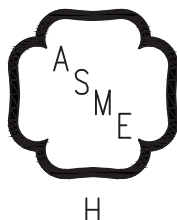


ALPINE™

Residential

- Condensing
- High Efficiency
- Direct Vent
- Gas-Fired
- Water Boiler



Models: 08 MBH through 285 MBH

As an ENERGY STAR® Partner, U.S. Boiler Company has determined that the ALPINE™ Series meets the ENERGY STAR® guidelines for energy efficiency established by the United States Environmental Protection Agency (EPA).



TO THE INSTALLER:

Affix these instructions adjacent to boiler.

TO THE CONSUMER:

Retain these instructions for future reference.



WARNING Improper installation, adjustment, alteration, service or maintenance can cause property damage, injury, or loss of life. For assistance or additional information, consult a qualified installer, service agency or the gas supplier. This boiler requires a special venting system. Read these instructions carefully before installing.

X. Operation F. Changing Adjustable Parameters (continued)



WARNING

Asphyxiation Hazard. Boiler type is factory set and must match the boiler model. Only change the boiler type setting if you are installing a new or replacement Control. The boiler type setting determines minimum and maximum blower speeds. Incorrect boiler type can cause hazardous burner conditions and improper operation that may result in **PROPERTY LOSS, PHYSICAL INJURY OR DEATH.**

“Press” Modulation
Setup button to access the following parameters:

Factory Setting	Range / Choices	Parameter and Description
See Table 29	See Table 29	Boiler Type Boiler Size Setup To verify the boiler size selection, a qualified technician should do the following: 1. Check boiler’s label for actual boiler size. 2. Set “Boiler Type” to match actual boiler size. 3. Select “Confirm”. The Boiler Type parameter changes the minimum and maximum modulation settings. This parameter is intended to allow a user to set the parameters in a spare part Control to a particular boiler type.

Table 29: Parameters Changed Using the Boiler Type Parameter Selections:

Spare Part:	Sage2.X Repair Control Kit - P/N 106191-01 Maximum Light-off Heat Rate = 3000									Sage2.X Repair Control Kit P/N 106191-02 Maximum Light-off Heat Rate = 3000		Sage2.X Repair Control Kit P/N 106191-03 Maximum Light-off Heat Rate = 2500 rpm
Altitude	0 - 7000 Ft.									7001 - 10,000 Ft.		
Boiler Type	080 -02	080 -27	105 -02	105 -27	150 -02	150 -27	210 -02	210 -27	285 -07	150 -70	210 -70	285 -70
Minimum Heat Rate	1120	1700	1250	1800	1300	2000	1370	2400	1450	2000	1800	2400
Maximum Heat Rate	4480	4480	4450	4450	5000	5000	5950	5950	5560	6200	7000	7000
Absolute Maximum Heat Rate	5000	5000	4850	4850	5500	5500	6350	6350	6200	6200	7000	7000
Light-off Heat Rate	4000									3000	3000	2500

NOTE: Maximum Modulation Rates are designed for 100% nameplate rate at 0°F (-18°C) combustion air. Contact factory before attempting to increase the Maximum Modulation Rate.

SERVICE RECORD

DATE

SERVICE PERFORMED