

BAXI

Warmth, efficiency,
and total peace of mind.

Luna Duo-tec MP Multiple Boiler Packages

Baxi Multiple Boiler Packages include 2 - 4 of our Luna Duo-tec 1.70MP or 1.110MP high efficiency condensing water boilers with your choice of staging control.



- 2 - 4 Boiler Package Options
 - Luna Duo-tec 1.70MP
 - Luna Duo-tec 1.110MP
- Staging Control Choice
 - MBC Control
 - 275 Control
 - 284 Control



MBC Control
Luna Duo-tec 1.70MP



Control Features



Control Feature	Baxi MBC Control	275 Control	284 Control
Display & Interface	LCD Display – Push Button	LCD Display – Push Button	Touch Screen & Push Button
4 Stages	Yes	Yes	Yes
On – Off Boiler Operation	Yes	Yes	Yes
Controls Individual Boiler Modulation 0-10 Vdc or 2-10 Vdc	No – Each individual boiler would control its own modulation rate	Yes - Requires boiler supply sensor on each outlet	Yes - Requires boiler supply sensor on each outlet
Boiler Supply Sensors	None	Optional (4) - to control individual boiler modulation	Optional (4) - to control individual boiler modulation
Sensors – Factory Supplied	Outdoor Air Sensor (1) Water Temperature Sensor (2)	Outdoor Air Sensor (1) Water Temperature Sensor (2)	Outdoor Air Sensor (1) Water Temperature Sensor (2)
DHW Sensor	Optional	Optional	Optional
EMS (0 -10 Vdc) Energy Management System Compatibility	Yes	Yes	Yes
BACnet & Modbus	No	No	Yes
Program Setback Scheduling	Yes	Yes	Yes
Indirect DHW Priority	Yes	Yes	Yes
DHW Sensor	Optional	Optional	Optional
Outdoor Temperature Reset	Yes	Yes	Yes
Warm Weather Shutdown	Yes	Yes	Yes
Adjustable Automatic Staging Delays	Yes	Yes	Yes
Rotation – Equal Run Time On – Off	Yes	Yes	Yes
Fixed Lead Option	Yes	Yes	Yes
Fixed Last Option	Yes	Yes	Yes
Boiler Loop Pump	Yes	Yes	Yes
System Primary Pump	1	1	2
DHW Pump Operation	Yes	Yes	Yes
DHW Recirculation Pump	Yes	Yes	Yes
Pump(s) Post Purge	Yes	Yes	Yes
System Primary Pump Rotation	No	No	Yes
Combustion Air Damper or Alarm	Yes – 1 relay terminal	Yes – 1 relay terminal	Yes – 2 relay terminals

Boiler Features

Luna Duo-tec 1.70MP:

- 240 MBH Input
- 95% AFUE
- 6.7:1 Turndown modulation ratio (CH)
- 3 speed, electronically controlled pump
- 17.75" (w) x 23" (d) x 30.06" (h)
- 120.15 lbs

Luna Duo-tec 1.110MP:

- 380 MBH Input
- 95% Thermal Efficiency
- 10.5:1 Turndown modulation ratio (CH)
- Fixed speed pump built in
- Automatic air vent on heat exchanger
- 23.63" (w) x 25.38" (d) x 37.44" (h)
- 215.6 lbs

Common Features:

- Stainless steel ANSI 316L pre-mixed burner and heat exchanger
- Anti-wind function - control automatically adjusts the fan speed to prevent loss of flame and lockouts
- Flame stabilization - control allows the flame to stabilize before modulating, preventing flame drop out and recycling
- Electronic Ignition
- Frost Protection Mode
- Vent Material - coaxial or two-pipe polypropylene
- Gas Type: Natural Gas / Propane



Product Specifications



Luna Duo-tec 1.70MP

# of Boilers	Heat Input (Btuh)	Heat Capacity (Btuh)
2	481,000	432,000
3	722,000	648,000
4	963,000	865,000



Luna Duo-tec 1.110MP

# of Boilers	Heat Input (Btuh)	Heat Capacity (Btuh)
2	758,000	696,000
3	1,137,000	1,044,000
4	1,516,000	1,392,000

Multiple Boiler Package Configurations



Package Contents	# of Boilers		
	2	3	4
MBC Control (AMB4BBX) with Luna Duo-tec 1.70MP (BD721452602)	2	3	4
MBC Control (AMB4BBX) with Luna Duo-tec 1.110MP (BD721536401)	2	3	4
275 Control (240012784BX) with Luna Duo-tec 1.70MP (BD721452602)	2	3	4
275 Control (240012784BX) with Luna Duo-tec 1.110MP (BD721536401)	2	3	4
284 Control (240012783BX) with Luna Duo-tec 1.70MP (BD721452602)	2	3	4
284 Control (240012783BX) with Luna Duo-tec 1.110MP (BD721536401)	2	3	4



www.baxiboilers.com



All specifications subject to change without notice.
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PN 240012826 Rev. [11/27/19]