

MGBS Furnace Comparison Chart

	Curb Weight (Approximate)	Foot Print (Assembled w/ Accessories)	Dimensions (Disassembled/ no accessories)	Max. Working Dimension (Main Port)	Max. Working Dimension (Side Port)	Included Standard Crucible Size	Alternative Crucible Size Options
Mini Dragon	180 pounds (82 kg)	48" D x 48" W x 81" H (122cm x 122cm x 206cm)	16" D x 16" W x 52" H* (41cm x 41cm x 132cm)	7" H x 7" W x 11.5" D (17.8cm x 17.8cm x 29 cm)	—	15 lb. (7 kg)	—
Baby Dragon	550 pounds (249 kg)	90" D x 48" W x 78" H (229cm x 122cm x 198cm)	34" D x 31" W x 56" H (87cm x 79cm x 143cm)	8" H x 8" W x 16" D (21cm x 21cm x 41 cm)	—	30 lb. (13 kg)	40 lbs. (18kg)
Double Baby Dragon	550 pounds (249 kg)	90" D x 90" W x 78" H (229cm x 229cm x 198cm)	34" D x 31" W x 56" H (87cm x 79cm x 143cm)	8" H x 8" W x 16" D (21cm x 21cm x 41 cm)	8" H x 8" W x 16" D (21cm x 21cm x 41 cm)	30 lb. (13 kg)	40 lbs. (18kg)
Little Dragon	850 pounds (385 kg)	90" D x 48" W x 78" H (229cm x 122cm x 198cm)	34" D x 31" W x 56" H (87cm x 79cm x 143cm)	9" H x 9" W x 20" D (23cm x 23cm x 51 cm)	—	60 lbs. (27 kg)	95 lbs. (43 kg)
Double Little Dragon	850 pounds (385 kg)	90" D x 90" W x 78" H (229cm x 229cm x 198cm)	34" D x 31" W x 56" H (87cm x 79cm x 143cm)	9" H x 9" W x 20" D (23cm x 23cm x 51 cm)	8" H x 8" W x 20" D (21cm x 21cm x 51 cm)	60 lbs. (27 kg)	95 lbs. (43 kg)
Big Dragon	850 pounds (385 kg)	90" D x 48" W x 78" H (229cm x 122cm x 198cm)	34" D x 31" W x 56" H (87cm x 79cm x 143cm)	12" H x 12" W x 20" D (30cm x 30cm x 51 cm)	—	95 lbs. (43 kg)	—
Double Big Dragon	850 pounds (385 kg)	90" D x 90" W x 78" H (229cm x 229cm x 198cm)	34" D x 31" W x 56" H (87cm x 79cm x 143cm)	12" H x 12" W x 20" D (30cm x 30cm x 51 cm)	8" H x 8" W x 20" D (21cm x 21cm x 51 cm)	95 lbs. (43 kg)	—
Phoenix	750 pounds (340 kg)	60" D x 31" W x 56" H (152cm x 79cm x 143cm)	47" D x 31" W x 56" H (120cm x 79cm x 143cm)	12" H x 14" W x 19" D (30cm x 36cm x 48cm)	—	—	Crucibles sold separately. Multiple configurations available***

*The Mini Dragon can detach from its base, for more compact transportation and storage.

***The Phoenix does not come with a crucible. However, it has the capacity for a variety of configurations in both freestanding and invested modules. For all the possibilities, please see the Phoenix Crucible Options document.

MGBS Furnace Comparison Chart

	Gas Type	Gas Pressure	Gas Use (Propane)	Gas Use (Natural Gas)	BTU/hr Range	Avg. Heat Up Time (Propane)*	Avg. Heat Up Time (Natural Gas)*
Mini Dragon	Propane or Natural Gas	11 wci (27mbar) recommended 7 wci (17mbar) min. 14 wci (35mbar) max.	+/- 0.5 gallons per hour (+/- 1.1 kg per hour)	+/- 46 ft ³ per hour (+/-1.4 m ³ per hour)	10,000 - 60,000	3 hours	4 hours
Baby Dragon	Propane or Natural Gas	11 wci (27mbar) recommended 7 wci (17mbar) min. 14 wci (35mbar) max.	+/- 1 gallon per hour (+/- 2.2 kg per hour)	+/- 93 ft ³ per hour (+/- 2.63 m ³ per hour)	60,000 - 140,000	3.5 hours	4.5 hours
Double Baby Dragon	Propane or Natural Gas	11 wci (27mbar) recommended 7 wci (17mbar) min. 14 wci (35mbar) max.	+/- 1 gallon per hour (+/- 2.2 kg per hour)	+/- 93 ft ³ per hour (+/- 2.63 m ³ per hour)	60,000 - 140,000	3.5 hours	4.5 hours
Little Dragon	Propane or Natural Gas	11 wci (27mbar) recommended 7 wci (17mbar) min. 14 wci (35mbar) max.	+/- 1 to 1.5 gallon per hour (+/- 2.2 to 3.3 kg per hour)	+/- 93 to 140 ft ³ per hour (+/- 2.6 to 4.0 m ³ per hour)	60,000 - 150,000	4 hours	5 hours
Double Little Dragon	Propane or Natural Gas	11 wci (27mbar) recommended 7 wci (17mbar) min. 14 wci (35mbar) max.	+/- 1 to 1.5 gallon per hour (+/- 2.2 to 3.3 kg per hour)	+/- 93 to 140 ft ³ per hour (+/- 2.6 to 4.0 m ³ per hour)	60,000 - 150,000	4 hours	5 hours
Big Dragon	Propane or Natural Gas	11 wci (27mbar) recommended 7 wci (17mbar) min. 14 wci (35mbar) max.	+/- 1 to 2 gallon per hour (+/- 2.2 to 4.4 kg per hour)	+/- 93 to 186 ft ³ per hour (+/- 2.6 to 5.3 m ³ per hour)	60,000 - 150,000	5 hours	6 hours
Double Big Dragon	Propane or Natural Gas	11 wci (27mbar) recommended 7 wci (17mbar) min. 14 wci (35mbar) max.	+/- 1 to 2 gallon per hour (+/- 2.2 to 4.4 kg per hour)	+/- 93 to 186 ft ³ per hour (+/- 2.6 to 5.3 m ³ per hour)	60,000 - 150,000	5 hours	6 hours
Phoenix	Propane or Natural Gas	11 wci (27mbar) recommended 7 wci (17mbar) min. 14 wci (35mbar) max.	+/- 1 to 2 gallon per hour (+/- 2.2 to 4.4 kg per hour)	+/- 93 to 186 ft ³ per hour (+/- 2.6 to 5.3 m ³ per hour)	60,000 - 150,000	4-5 hours	5-6 hours

* Times are approximate and will vary based on a number of factors.

MGBS Furnace Comparison Chart

						Compatibility with Optional Accessories		
	Burner Type	Burner Safety Standard	Burner Safety Additional Options	Recommended Max. Operating Temp	Electrical Use	CAT-60	FATCAT-60	Auxiliary Pipe Warmer
Mini Dragon	Ceramic 2.5" Top Fired	Proof of Air	Proof of Flame	2350 °F (1288 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/> Left side only		<input checked="" type="checkbox"/> Left side only
Baby Dragon	Ceramic Top Fired	Proof of Air	Proof of Flame, Comprehensive	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double Baby Dragon	Ceramic Top Fired	Proof of Air	Proof of Flame, Comprehensive	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/> Right side only	<input checked="" type="checkbox"/> Right side only	<input checked="" type="checkbox"/> Right side only
Little Dragon	Ceramic Top Fired	Proof of Air	Proof of Flame, Comprehensive	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double Little Dragon	Ceramic Top Fired	Proof of Air	Proof of Flame, Comprehensive	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/> Right side only	<input checked="" type="checkbox"/> Right side only	<input checked="" type="checkbox"/> Right side only
Big Dragon	Ceramic Top Fired	Proof of Air	Proof of Flame, Comprehensive	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double Big Dragon	Ceramic Top Fired	Proof of Air	Proof of Flame, Comprehensive	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/> Right side only	<input checked="" type="checkbox"/> Right side only	<input checked="" type="checkbox"/> Right side only
Phoenix	Pine Ridge Ribbon Side Fired*	Proof of Air	Proof of Flame, Comprehensive, Auto Control	2375 °F (~1301 °C)	Variable Speed Blower is 120V AC, 5A (240V available)	<input checked="" type="checkbox"/> Left side only	<input checked="" type="checkbox"/> Left side only	<input checked="" type="checkbox"/> Left side only

* On Phoenix Comprehensive and Auto Control options, burner is a Direct Fire Phoenix VH015

MGBS Furnace Comparison Chart

Included Accessories

	Accessory Port(s)	Lift Handles	Push/Pull Bar	Double Yoke Holder	Mini Marver 16" x 8"	Pipe Warmer	Pipe Hanger	Propane Gas Feed Package	Door
Mini Dragon	1	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	One Half Moon
Baby Dragon	2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	One Half Moon
Double Baby Dragon	1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Two Half Moon
Little Dragon	2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	One Half Moon
Double Little Dragon	1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Two Half Moon
Big Dragon	2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	One Half Moon
Double Big Dragon	1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Two Half Moon
Phoenix	1		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	Two Half Moon & One Heat-up