

MGBS Furnace Comparison Chart

	<b>Curb Weight (Approximate)</b>	<b>Foot Print (Assembled w/ Accessories)</b>	<b>Dimensions (Disassembled/ no accessories)</b>	<b>Max. Working Dimension (Main Port)</b>	<b>Max. Working Dimension (Side Port)</b>	<b>Included Standard Crucible Size</b>	<b>Alternative Crucible Size Options</b>
<b>Mini Dragon</b>	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)	—
<b>Baby Dragon</b>	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)
<b>Double Baby Dragon</b>	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)
<b>Little Dragon</b>	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)
<b>Double Little Dragon</b>	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)
<b>Big Dragon</b>	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)	—
<b>Double Big Dragon</b>	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)	—
<b>Baby Phoenix</b>	550 pounds (250 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)	10" H x 11" W x 18" D (25cm x 28cm x 46cm)	—	40 lbs.** (18kg)	30 lb. (13 kg) or two 15 lb. (7 kg)
<b>Phoenix</b>	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 Baby Phoenix's 40 lb crucible is available in both freestanding or invested crucible module.

\*\*\*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.

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	Gas Type	Gas Use (Propane)	Gas Use (Natural Gas)	BTU/hr Range	Average Heat Up Time (Propane)**	Average Heat Up Time (Natural Gas)**
<b>Mini Dragon</b>	Propane or Natural Gas 14"wc (35mbar) max	+/- 0.5 gallons per hour (+/- 1.1 kg per hour)	+/- 46 ft <sup>3</sup> per hour (+/-1.4 m <sup>3</sup> per hour)	10,000 - 60,000	3 hours	4 hours
<b>Baby Dragon</b>	Propane or Natural Gas* 14"wc (35mbar) max	+/- 1 gallon per hour (+/- 2.2 kg per hour)	+/- 93 ft <sup>3</sup> per hour (+/- 2.63 m <sup>3</sup> per hour)	60,000 - 140,000	3.5 hours	4.5 hours
<b>Double Baby Dragon</b>	Propane or Natural Gas* 14"wc (35mbar) max	+/- 1 gallon per hour (+/- 2.2 kg per hour)	+/- 93 ft <sup>3</sup> per hour (+/- 2.63 m <sup>3</sup> per hour)	60,000 - 140,000	3.5 hours	4.5 hours
<b>Little Dragon</b>	Propane or Natural Gas* 14"wc (35mbar) max	+/- 1 to 1.5 gallon per hour (+/- 2.2 to 3.3 kg per hour)	+/- 93 to 140 ft <sup>3</sup> per hour (+/- 2.6 to 4.0 m <sup>3</sup> per hour)	60,000 - 150,000	4 hours	5 hours
<b>Double Little Dragon</b>	Propane or Natural Gas* 14"wc (35mbar) max	+/- 1 to 1.5 gallon per hour (+/- 2.2 to 3.3 kg per hour)	+/- 93 to 140 ft <sup>3</sup> per hour (+/- 2.6 to 4.0 m <sup>3</sup> per hour)	60,000 - 150,000	4 hours	5 hours
<b>Big Dragon</b>	Propane or Natural Gas* 14"wc (35mbar) max	+/- 1 to 2 gallon per hour (+/- 2.2 to 4.4 kg per hour)	+/- 93 to 186 ft <sup>3</sup> per hour (+/- 2.6 to 5.3 m <sup>3</sup> per hour)	60,000 - 150,000	5 hours	6 hours
<b>Double Big Dragon</b>	Propane or Natural Gas* 14"wc (35mbar) max	+/- 1 to 2 gallon per hour (+/- 2.2 to 4.4 kg per hour)	+/- 93 to 186 ft <sup>3</sup> per hour (+/- 2.6 to 5.3 m <sup>3</sup> per hour)	60,000 - 150,000	5 hours	6 hours
<b>Baby Phoenix</b>	Propane or Natural Gas* 14"wc (35mbar) max	+/- 1 to 1.5 gallon per hour (+/- 2.2 to 3.3 kg per hour)	+/- 93 to 140 ft <sup>3</sup> per hour (+/- 2.6 to 4.0 m <sup>3</sup> per hour)	60,000 - 120,000	4 hours	5 hours
<b>Phoenix</b>	Propane or Natural Gas* 14"wc (35mbar) max	+/- 1 to 2 gallon per hour (+/- 2.2 to 4.4 kg per hour)	+/- 93 to 186 ft <sup>3</sup> per hour (+/- 2.6 to 5.3 m <sup>3</sup> per hour)	60,000 - 150,000	4-5 hours	5-6 hours

\* These models of furnaces can also be fit with a Waste Veggie Burner system from Organic Combustion Systems. The Waste Veggie Burner System is sold separately.  
Estimate fuel usage on a Waste Veggie Burner System is 1 to 2 gallon of vegetable oil/hour.

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

MGBS Furnace Comparison Chart

	Burner Type	Burner Safety Standard	Burner Safety Additional Options	Recommended Max. Operating Temp	Electrical Use	Preheat Hose Option Availability
<b>Mini Dragon</b>	Giberson 2.5" Top Fired	Proof of Air	Proof of Flame, Comprehensive	2350 °F (1288 °C)	Blower is 120V AC, 1A-5A (240V available)	
<b>Baby Dragon</b>	Giberson Top Fired	Proof of Air	Proof of Flame, Comprehensive, Auto Control	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/>
<b>Double Baby Dragon</b>	Giberson Top Fired	Proof of Air	Proof of Flame, Comprehensive, Auto Control	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/>
<b>Little Dragon</b>	Giberson Top Fired	Proof of Air	Proof of Flame, Comprehensive, Auto Control	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/>
<b>Double Little Dragon</b>	Giberson Top Fired	Proof of Air	Proof of Flame, Comprehensive, Auto Control	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/>
<b>Big Dragon</b>	Giberson Top Fired	Proof of Air	Proof of Flame, Comprehensive, Auto Control	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/>
<b>Double Big Dragon</b>	Giberson Top Fired	Proof of Air	Proof of Flame, Comprehensive, Auto Control	2375 °F (~1301 °C)	Blower is 120V AC, 1A-5A (240V available)	<input checked="" type="checkbox"/>
<b>Baby Phoenix</b>	Pine Ridge Ribbon Side Fired	Proof of Air	Proof of Flame, Comprehensive, Auto Control, CSA Approved Midco	2375 °F (~1301 °C)	Variable Speed Blower is 120V AC, 5A (240V available)	
<b>Phoenix</b>	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)	

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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	☑		☑	☑	☑	☑	☑	One Half Moon
Baby Dragon	2	☑	☑	☑	☑	☑	☑	☑	One Half Moon
Double Baby Dragon	1	☑	☑	☑☑	☑☑	☑☑	☑	☑	Two Half Moon
Little Dragon	2		☑	☑	☑	☑	☑	☑	One Half Moon
Double Little Dragon	1		☑	☑☑	☑☑	☑☑	☑	☑	Two Half Moon
Big Dragon	2		☑	☑	☑	☑	☑	☑	One Half Moon
Double Big Dragon	1		☑	☑☑	☑☑	☑☑	☑	☑	Two Half Moon
Baby Phoenix	1		☑	☑				☑	One Half Moon
Phoenix	1		☑	☑				☑	Two Half Moon & One Heat-up

