Comparison of TOPSFLO Wort Hog Pump and Chugger Pump®*

TOPSFLO Wort Hog DC Pump

VS

Chugger Pump

*Manufactured by: Chugger Pump

Smaller Size, Lighter Weight and Higher Performance Than AC Pumps

Model	Size	Weight	Flow rate	Water head
Wort Hog Pump	**4.7 x 3.1 x 3.5 in**	**1.9lbs / 0.86kgs**	**25 L/Min**	**4.5M**
Chugger Pump®*	4.8 x 3.3 x 7.7 in	6 lbs / 2.7kgs	22.7 L/Min	4.1M

The lighter weight and smaller size allows the Wort Hog Pump to be connected straight to a kettle in order to save space. The Wort Hog Pump can be disconnected from the the power supply at any time for convenience.

*Manufactured by: Chugger Pump

Quieter and Lower Energy Consumption Than AC Pumps (The New Standard of Energy Savings)

Model	Type	Rated Voltage	Rated Current (A)	Over-Voltage Protection	Over-Current Protection	Blocked Protection	Polarity Protection
Wort Hog Pump	**DC**	**12V/24V**	**1.4**	√	√	√	√
Chugger Pump®*	AC	115V / 230V	1.9	×	×	×	×

1. The Wort Hog Pump is virtually silent and has a lower energy consumption, longer life, requires little to no maintenance, is safer and far better than traditional AC pumps.

2. The Wort Hog Pump uses a safer 24V DC voltage that in the event of a short circuit any liquid will not pose a safety concern.

3. There are many protection functions that the Wort Hog Pump provides that traditional AC pumps do not.

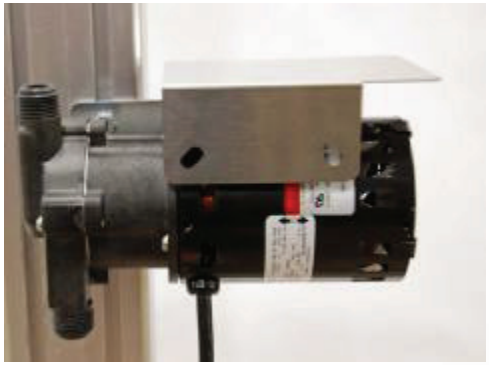
*Manufactured by: Chugger Pump

Mounting Bracket

Wort Hog Rubber Mounting Bracket

VS

Chugger®* Stainless Mounting Bracket



The Wort Hog mounting bracket is made of a special rubber for easy installation and removal. The special rubber mounting bracket also helps to reduce noise caused by vibration which makes the pump quieter than pumps using a metal mounting bracket.

*Manufactured by: Chugger Pump

Key Advantages

1	Wort Hog Pumps are made of 316 stainless steel
2	The pump is brushless so it won't wear down as easily, for years of reliable use
3	It is silent and small, and can connect straight to a kettle to save space
4	It has a larger bearing length than other brew pumps
5	DC pump with an adapter that is safer and can run on 120 or 230 V AC