

GAS PROPANE FORGE

Furnace Burner

12/18/2020

Specification

ATM: Gas pressure from gas pressure regulator (in Atmospheres). 1ATM - 1.01Bar - 14.5PSI

PSI: Gas pressure from gas pressure regulator (in Pounds per square inch). 1PSI - 0.06ATM - 0.068Bar

BTU/Hr: British thermal unit per hour. 1 BTU/hr = 0.00029307107 kW

LBS/Hr: Pounds per hour. 1 lbs = 0.45359237 kilograms

Kg/Hr: Kilogram per hour. 1 kilogram = 2.20462262 lbs

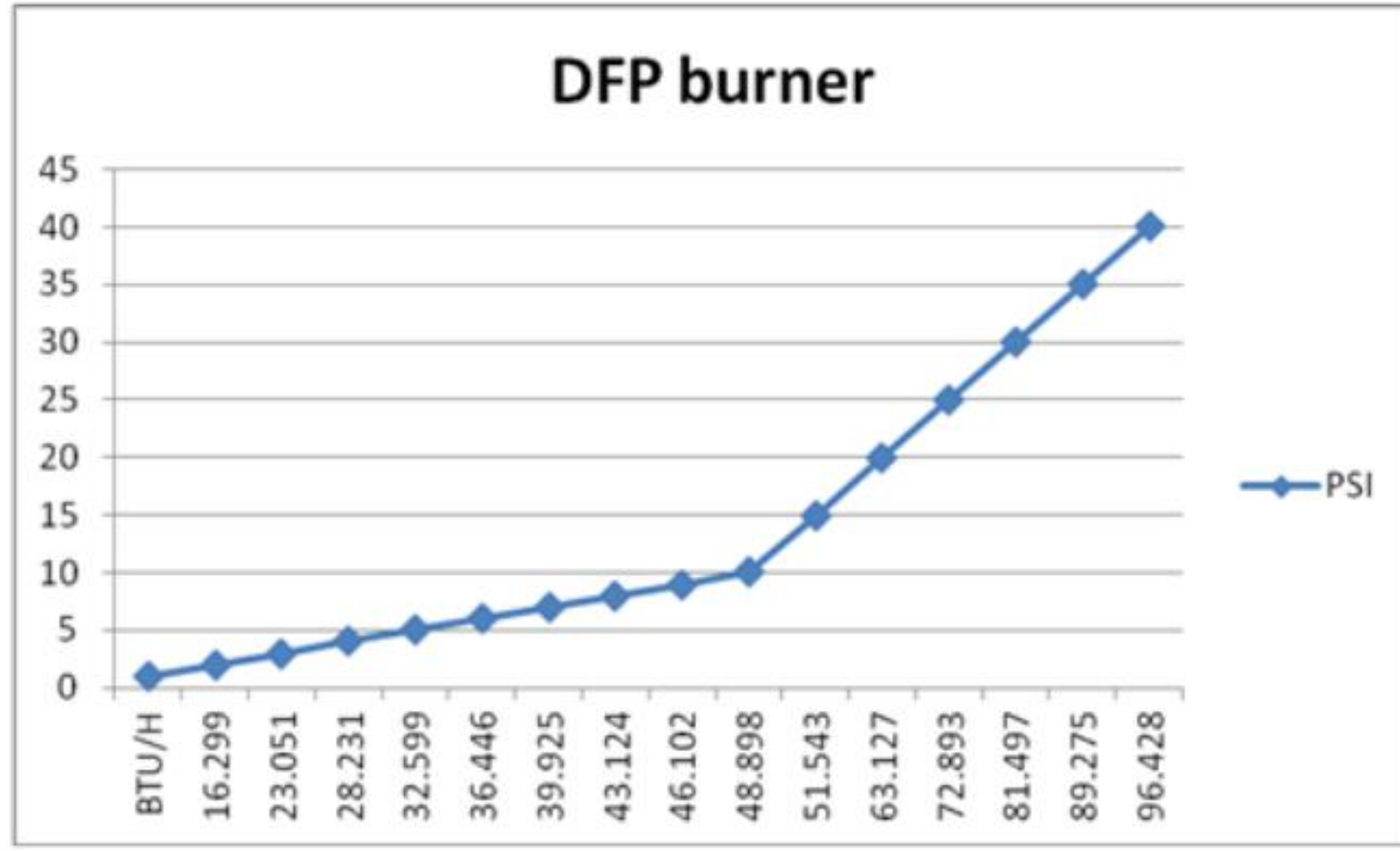
KW/Hr: Kilowatt per hour. 1 kW/Hr = 3412.142 BTU/Hr

BTU为英制锻造炉的功率 (1Kw每小时=3412.142BTU)

● DFP Burner

PSI	ATM	BTU/H	lbs/h	KW/h	Kg/h
1	0.07	16,299	0.75	4.78	0.34
2	0.14	23,051	1.07	6.76	0.48
3	0.20	28,231	1.31	8.27	0.59
4	0.27	32,599	1.51	9.55	0.68
5	0.34	36,446	1.69	10.68	0.77
6	0.41	39,925	1.85	11.70	0.84
7	0.48	43,124	2.00	12.64	0.91
8	0.54	46,102	2.14	13.51	0.97
9	0.61	48,898	2.26	14.33	1.03
10	0.68	51,543	2.39	15.11	1.08
15	1.02	63,127	2.92	18.50	1.33
20	1.36	72,893	3.38	21.36	1.53
25	1.70	81,497	3.77	23.88	1.71
30	2.04	89,275	4.13	26.16	1.88
35	2.38	96,428	4.47	28.26	2.03
40	2.72	103,086	4.77	30.21	2.17

DFP Burner



Regulator

GAS REGULATOR WITH POL CGA-510 CONNECTION INCLUDED FOR THESE COUNTRIES:

UNITED STATES, CANADA, SWEDEN, NORWAY, AUSTRALIA, NEW ZEALAND, ISRAEL, MEXICO, INDONESIA, THAILAND



OUR GAS REGULATOR FITS TO:

GERMANY, AUSTRIA, FRANCE, NETHERLANDS, SPAIN, BELGIUM, SLOVENIA, FINLAND, POLAND, LATVIA, RUSSIA (AND OTHER COUNTRIES)

OUR PRESSURE REGULATOR CONNECTION STANDARD:

SHELL DIN EXTERNAL THREAD TO - W21.8 X 1/14" LH INTERNAL THREAD.



GAS REGULATOR WITH G 5/8" UK POL LH CONNECTION INCLUDED FOR THESE COUNTRIES:

UNITED KINGDOM, SOUTH AFRICA



Regulator

- Gas regulator with POL CGA-510 connection included for: UNITED STATES, CANADA, SWEDEN, NORWAY, AUSTRALIA, NEW ZEALAND, ISRAEL, MEXICO, INDONESIA, THAILAND
- · Gas regulator with G 5/8" UK POL LH connection included for: UNITED KINGDOM, SOUTH AFRICA
- · Our standard gas pressure regulator with connection - Shell DIN external thread to - W21.8 x 1/14" LH internal thread (Left thread) included for all other countries not mentioned above. (Fits to GERMANY, AUSTRIA, FRANCE, NETHERLANDS, SPAIN, BELGIUM, SLOVENIA, FINLAND, POLAND, LATVIA, RUSSIA and other countries)

DFS-1

- DFS – 1 burner forge
- **Our DFS forge is portable and powerful, high quality. Designed for blacksmiths, farriers and knife makers. We combined this forge with powerful DFP burner. We guarantee that You will reach welding temperature - this forge can reach 2500° Fahrenheit (approx. 1370° Celsius).**
- **DFP burner (80,000 BTU). Powerful and efficient. Our nozzle design is lasting longer and increases the burner's efficiency. Its operating pressure range 1 - 25 PSI. There is a choke on the top of our burner – it regulates the amount of air that is mixed with the propane during combustion.**
- **Note: If You are looking for a good burner, You must know one thing – good burner must have air choke. If the burner doesn't have it (don't look at that side!), You can't reach maximum temperature because you need a different quantity of air on different pressure!**

- **WATCH VIDEO "LESSON HOW TO REGULATE AIR CHOKE TO REACH IDEAL FLAME"**
- **Specification DFS:**
- **Burner: DFP 1pcs. ;**
- **Forge Body Constructed of: steel 21 gauge (0.8mm), the shell is lightweight;**
- **Interior Dimensions: 5.6"Width x 5.6"Height x 10"Length (140mm x 140mm x 250mm); (Height with brick: 4" - 100mm);**
- **Weight: 10lb (5kg).**
- **Interior of the forge is fully covered with a 30mm ceramic blanket. The floor is made of firebrick, providing superior strength and durability.**
- **Connection kit included with every forge:**
- **Gas pressure regulator, gauge with manometer;**
- **(3m) gas hose;**
- **2 clamps.**
- **All you need to supply is the propane tank.**
- **Our manometer with Mpa measurement. 0.1Mpa - 1Bar - 14.5PSI**

DFSW-1

Specification DFSW:

Burner: DFP 1pcs. ;

Forge Body Constructed of: steel 21 gauge (0.8mm), the shell is lightweight;

Interior Dimensions : 6"Width x 4.8"Height x 10"Length (150mm x 120mm x 250mm);
(Height with brick: 3.2" - 80mm);

Weight: 10lb (5kg).

Interior of the forge is fully covered with a 30mm ceramic blanket. The floor is made of firebrick, providing superior strength and durability.

Connection kit included with every forge:

Gas pressure regulator, gauge with manometer;

7.8 ft (3m) gas hose

2 clamps.

DFSW-2

Specification DFSW2:

Burner: DFP 2pcs. ;

Forge Body Constructed of: steel 21 gauge (0.8mm), the shell is lightweight;

Interior Dimensions: 6"Width x 4.8"Height x 16"Length (150mm x 120mm x 400mm);
(Height with brick: 3,2" - 80mm);

Weight: 16lb (7kg).

Interior of the forge is fully covered with a 1-inch ceramic blanket. The floor is made of firebricks, providing superior strength and durability.

Connection kit included with every forge:

Gas pressure regulator, gauge with manometer;

7.8 ft (3m) gas hose;

2 clamps

DFPROF-1

- **Specification DFPROF1:**
- **Burner: DFP 1pcs. ;**
- **Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;**
- **Interior Dimensions: 4.8"Width x 4.8"Height x 10"Length (120mm x 120mm x 250mm);**
- **Weight: 15lb (7kg).**
- **Interior of the forge is fully covered with a 1-inch ceramic blanket. The floor is made of firebrick, providing superior strength and durability.**
- **Connection kit included with every forge:**
- **Gas pressure regulator, gauge with manometer;**
- **7.8 ft (3m) gas hose;**
- **2 clamps.**
- **All you need to supply is the propane tank.**

DFPROF-1+1D

- **Specification DFPROF1 + 1D:**
- **Burner: DFP 1pcs. ;**
- **Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;**
- **Interior Dimensions: 4.8"Width x 4.8"Height x 10"Length (120mm x 120mm x 250mm);**
- **Weight: 15lb (7kg).**
- **Interior of the forge is fully covered with a 30mm ceramic blanket. The floor is made of firebrick, providing superior strength and durability.**
- **Connection kit included with every forge:**
- **Gas pressure regulator, gauge with manometer;**
- **7.8 ft (3m) gas hose;**
- **All you need to supply is the propane tank.**
- **Our manometer with Mpa measurement 0-1Mpa - 1Bar - 14.5PSI**

DFPROF-1+2D

- Specification DFPROF1 + 2D:
- Burner: DFP 1pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 4.8"Width x 4.8"Height x 10"Length (120mm x 120mm x 250mm);
- Weight: 15lb (7kg).
- Interior of the forge is fully covered with a **30mm** ceramic blanket. The floor is made of firebrick, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- 6.5 ft (2m) gas hose;
- All you need to supply is the propane tank.

DFPROF-2

- **Specification DFPROF2:**

- **Burner: DFP 2pcs. ;**
- **Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;**
- **Interior Dimensions: 5.6"Width x 5.6"Height x 16"Length (140mm x 140mm x 400mm);**
- **Weight: 27lb (12kg).**
- **Interior of the forge is fully covered with a 30mm ceramic blanket. The floor is made of firebricks, providing superior strength and durability.**
- **Connection kit included with every forge:**
- **Gas pressure regulator, gauge with manometer;**
- **6.5 ft (2m) gas hose;**
- **2 clamps.**
- **All you need to supply is the propane tank.**
- **Our manometer with Mpa measurement. 0.1Mpa - 1Bar - 14.5PSI**

DFPROF-2+1D

- Specification DFPROF2 + 1D:
- **Burner: DFP 2pcs. ;**
- **Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;**
- **Interior Dimensions: 5.6"Width x 5.6"Height x 16"Length (140mm x 140mm x 400mm);**
- **Weight: 27lb (12kg).**
- **Interior of the forge is fully covered with a 30mm ceramic blanket. The floor is made of firebricks, providing superior strength and durability.**
- **Connection kit included with every forge:**
- **Gas pressure regulator, gauge with manometer;**
- **(3m) gas hose;**
- **2 clamps.**
- **All you need to supply is the propane tank.**
- **Our manometer with Mpa measurement. 0.1Mpa - 1Bar - 14.5PSI**

DFPROF-2+2D

- **Specification DFPROF2 + 2D:**
- **Burner: DFP 2pcs. ;**
- **Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;**
- **Interior Dimensions: 5.6"Width x 5.6"Height x 16"Length (140mm x 140mm x 400mm);**
- **Weight: 27lb (12kg).**
- **Interior of the forge is fully covered with a 30mm ceramic blanket. The floor is made of firebricks, providing superior strength and durability.**
- **Connection kit included with every forge:**
- **Gas pressure regulator, gauge with manometer;**
- **(3m) gas hose;**
- **All you need to supply is the propane tank.**
- **Our manometer with Mpa measurement. 0.1Mpa - 1Bar - 14.5PSI**

DFPROF-3

- Specification DFPROF3:
- Burner: DFP 3pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 5.8"Width x 5.8"Height x 24"Length (145mm x 145mm x 600mm);
- Weight: 32lb (15kg).
- Interior of the forge is fully covered with a 1-inch ceramic blanket. The floor is made of firebricks, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- (3m) gas hose;
- All you need to supply is the propane tank.

DFPROF-3-1D

- Specification DFPROF3 + 1D:
- Burner: DFP 3pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 5.8"Width x 5.8"Height x 24"Length (145mm x 145mm x 600mm);
- Weight: 32lb (15kg).
- Interior of the forge is fully covered with a **30mm** ceramic blanket. The floor is made of firebricks, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- (3m) gas hose;
- All you need to supply is the propane tank.

DFPROF-3-2D

- **Specification DFPROF3 + 2D:**
- **Burner: DFP 3pcs. ;**
- **Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;**
- **Interior Dimensions: 5.8"Width x 5.8"Height x 24"Length (145mm x 145mm x 600mm);**
- **Weight: 32lb (15kg).**
- **Interior of the forge is fully covered with a30mm ceramic blanket. The floor is made of firebricks, providing superior strength and durability.**
- **Connection kit included with every forge:**
- **Gas pressure regulator, gauge with manometer;**
- **(3m) gas hose;**
- **All you need to supply is the propane tank.**

DFPROF-5

- Specification DFPROF5:
- Burner: DFP 5pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 5.8"Width x 5.8"Height x 50"Length (145mm x 145mm x 1250mm);
- Weight: 63lb (29kg).
- Interior of the forge is fully covered with a **30mm** ceramic blanket. The floor is made of firebricks, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- (3m) gas hose;
- All you need to supply is the propane tank.

DFHS1+1D/2.8"

- Specification DFHS1 + 1D 2.8":
- Burner: DFP 1pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 7.2"Width x 2.8"Height x 10"Length (180mm x 70mm x 250mm);
- Weight: 19lb (8.8kg).
- Interior of the forge is fully covered with a 1-inch ceramic blanket. The floor is made of firebricks, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- (3m) gas hose;
- All you need to supply is the propane tank.

DFHS2+1D/5.2"

- Specification DFHS2 + 1D 5.2":
- Burner: DFP 2pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 9.2"Width x 5.2"Height x 14.2"Length (230mm x 130mm x 355mm);
- Weight: 31lb (14.1kg).
- Interior of the forge is fully covered with a **30mm** ceramic blanket. The floor is made of firebricks, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- (3m) gas hose;
- All you need to supply is the propane tank.

• Our manometer with Mpa measurement. 0.1Mpa - 1Bar - 14.5PSI

DFHS2+2D/5.2"

- Specification DFHS2 + 2D 5.2":
- Burner: DFP 2pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 10.2"Width x 5.2"Height x 12.8"Length (255mm x 130mm x 320mm);
- Weight: 32lb (14.5kg).
- Interior of the forge is fully covered with a **30mm** ceramic blanket. The floor is made of firebricks, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- (3m) gas hose;

DFPROF1+1D/2"

- Specification DFPROF1 + 1D 2":
- Burner: DFP 1pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 6"Width x 4.4"Height x 10"Length (150mm x 110mm x 250mm);
- Weight: 27lb (12kg).
- Interior of the forge is fully covered with a 2-inch ceramic blanket. The floor is made of firebrick, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- (3m) gas hose;
- All you need to supply is the propane tank.

DFPROF2+1D/2"

- Specification DFPROF2 + 1D 2":
- Burner: DFP 2pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 6"Width x 4.4"Height x 16"Length (150mm x 110mm x 400mm);
- Weight: 35lb (16kg).
- Interior of the forge is fully covered with a 2-inch ceramic blanket. The floor is made of firebrick, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- (3m) gas hose;
- All you need to supply is the propane tank.

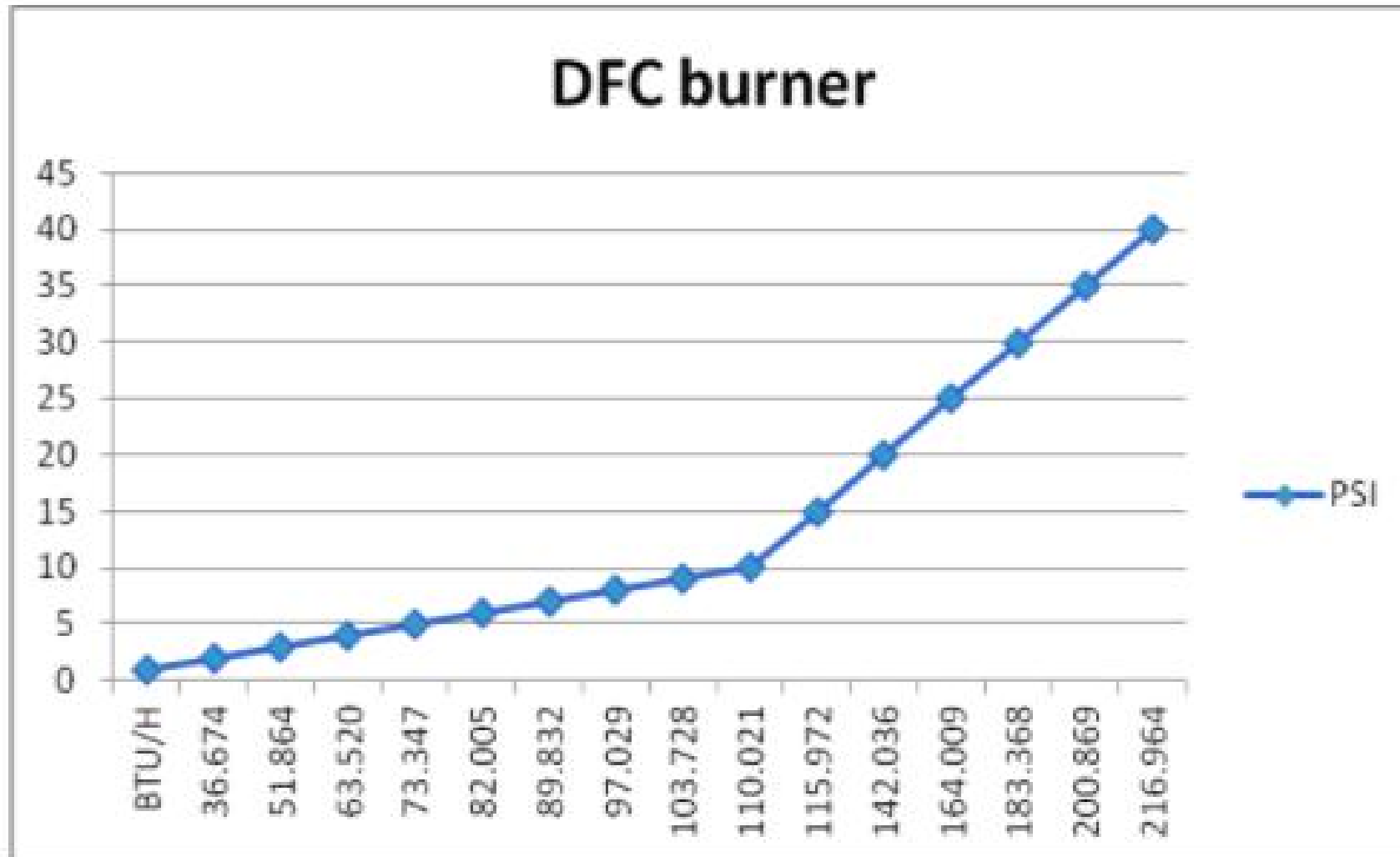
DFPROF3+1D/2"

- Specification DFPROF3 + 1D 2":
- Burner: DFP 3pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 6"Width x 4.4"Height x 24"Length (150mm x 110mm x 600mm);
- Weight: 46lb (21kg).
- Interior of the forge is fully covered with a 2-inch ceramic blanket. The floor is made of firebricks, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- (3m) gas hose;
- All you need to supply is the propane tank.

DFC Burner

PSI	ATM	BTU/H	lbs/h	KW/h	Kg/h
1	0,07	36674	1,70	10,75	0,77
2	0,14	51864	2,40	15,20	1,09
3	0,20	6352	2,94	18,62	1,33
4	0,27	73347	3,40	21,50	1,54
5	0,34	82005	3,80	24,03	1,72
6	0,41	89832	4,16	26,33	1,89
7	0,48	97029	4,49	28,44	2,04
8	0,54	103728	4,80	30,40	2,18
9	0,61	110021	5,10	32,24	2,31
10	0,68	115972	5,37	33,99	2,44
15	1,02	142036	6,58	41,63	2,98
20	1,36	164009	7,60	48,07	3,45
25	1,70	183368	8,49	53,74	3,85
30	2,04	200869	9,30	58,87	4,22
35	2,38	216964	10,05	63,59	4,56
40	2,72	231944	10,74	67,98	4,87

DFC Burner



DFPROFK2+2D

- Specification DFPROFK2:
- Burner: DFC 2pcs. ;
- Forge Body Constructed of: steel 16 gauge (1.5mm), the shell is lightweight;
- Interior Dimensions: 9.2"Width x 4"Height x 16"Length (230mm x 100mm x 400mm);
- Weight: 62lb (28kg).
- Interior of the forge is fully covered with a 2-inch ceramic blanket. The floor and both sides are made of firebricks, providing superior strength and durability.
- Connection kit included with every forge:
- Gas pressure regulator, gauge with manometer;
- (3m) gas hose;
- All you need to supply is the propane tank.