



## FSX Equipment Power and Air Requirements

	Volts	Amps	Kw	KVA	Hp	PF
<b>TestBench</b>	208v, 3 phase	5	1.6	2.0	1.5	.84
	220-240v, 3 phase	5	1.75	2.2	1.5	.84
	480v, 3 phase	2.5	1.7	2.2	1.5	.84
	575v, 3 phase	2.0	1.7	2.2	1.5	.84
<b>TrapBurner</b>	208v (US) 3 phase	21.4	7.2	7.2	n/a	n/a
	240v (US) 3 Phase	24.7	9.6	9.6	n/a	n/a
	480v (US) 3 phase	11.6	9.6	9.6	n/a	n/a
	208v (US) 1 phase (uncommon)	34.6	7.2	7.2	n/a	n/a
	240v (US) 1 phase (uncommon)	40	9.6	9.6	n/a	n/a
	220-240v (European) 3 phase	13 - 14	8.0 - 9.6	9.6	n/a	n/a
<b>TrapBlaster 7</b>	120v, 1 phase 50/60 hz	6	0.72	0.9	n/a	n/a
<b>SootSucker 2</b>	208v, 3 phase	10	3.1	3.9	2.0	.84
	220-240v, 3 phase	9	3.2	4.0	2.0	.84
	480v, 3 phase	5	3.5	4.4	2.0	.84
	575v, 3 phase	4	3.4	4.3	2.0	.84

### Cost of running Kilns

To calculate the (approximate) cost of running your kiln, use your local utility power rate in the following formula:

$$\text{Cost} = (\text{KW rating of your kiln}) * 9 \text{ hrs (run-time for kiln)} * (\text{utility rate in kwh})$$

Example: Cost = 9.6kw \* 9 hrs \* 0.072 \$/kwh (local power rate)

Cost = \$6.22 (per firing)

### Air Requirements for TrapBlaster

#### **Full Air Mode:**

- 120 Cubic Feet per min (CFM) or 3400 liters per minute (l/min)  
100 PSI or 7 Bar dry air delivered to TrapBlaster
- Minimum 30HP Air Compressor or 22.5 KW: larger air compressor may be required depending on compressor manufacturer, air dryer used, pipe configuration and altitude.

#### **Air Saver Mode: (Doubles Cleaning Time)**

- 60 Cubic Feet p/min (CFM) or 1700 liters per minute (l/min)  
100 PSI or 7 Bar dry air delivered to the TrapBlaster
- Minimum 20HP Air Compressor or 15 KW

**Air Dryer:** High Efficiency (Required) – desiccant style or refrigeration style for 120 CFM/3400 l/min at outlet

**Pipe Diameter:** 1 ½" ID delivery line