



## FSX Equipment Power and Air Requirements – North America

	Volts	Amps	Kw	KVA	Hp	PF
<b>TrapBlaster</b>	120v, Single phase 60 Hz	6	0.72	0.9	n/a	.80
<b>TrapBlaster JR</b>	120v, Single phase 60 Hz	12	1.44	1.71	n/a	.84
<b>SootSucker</b>	208v, 3 phase 60 Hz	10	3.1	3.9	2.0	.84
	220-240v, 3 phase 60 Hz	9	3.2	4.0	2.0	.84
	480v, 3 phase 60 Hz	5	3.5	4.4	2.0	.84
<b>TrapTester</b>	208v, 3 phase 60 Hz	5	1.6	2.0	1.5	.84
	220-240v, 3 phase 60 Hz	5	1.75	2.2	1.5	.84
	480v, 3 phase 60 Hz	2.5	1.7	2.2	1.5	.84
	220-240v, <b>Single phase</b> 60 Hz	10				
<b>TrapBurner 8</b>	208v 3 phase 60 Hz	21.4	7.2	7.2	n/a	n/a
	240v 3 phase 60 Hz	24.7	9.6	9.6	n/a	n/a
	480v 3 phase 60 Hz	11.6	9.6	9.6	n/a	n/a
	208-240v, <b>Single phase</b> 60 Hz	40	9.6	9.6	n/a	n/a
<b>TrapBurner 10</b>	208v 3 phase 60 Hz	27.8	10	10	n/a	n/a
	240v 3 phase 60 Hz	24.1	10	10	n/a	n/a
	480v 3 phase 60 Hz	12	10	10	n/a	n/a
	208-240v, <b>Single phase</b> 60 Hz	41 - 48	10	10	n/a	n/a

### Cost of running Kilns

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

$$\text{Cost} = (\text{KW rating of your kiln}) * 9 \text{ hrs. (run-time for kiln)} * (\text{utility rate in kwh}) \quad \text{Example: Cost} = 9.6\text{kw} * 9 \text{ hrs} * 0.072 \text{ \$/kwh (local power rate)} \text{ Cost} = \$6.22 \text{ (per firing)}$$

### Air Requirements for TrapBlaster

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

- Minimum 120 CFM @ 100 PSI dry air delivered to TrapBlaster
- Minimum compressor spec: 125CFM @ 125PSI rotary screw air compressor (30-40HP depending on brand): larger air compressor may be required depending on manufacturer, air dryer, pipe configuration and altitude.

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

**Pipe Diameter:** 1½" ID air supply line

### Air Requirements for TrapBlaster JR

- Minimum 40 CFM @ 120 PSI dry air delivered to TrapBlaster JR

**Air Dryer:** High Efficiency (Required) – desiccant style or refrigeration style for 40 CFM at outlet

**Pipe Diameter:** 1" ID air supply line

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

- 60 CFM @ 100 PSI dry air delivered to the TrapBlaster
- Minimum 20HP Rotary Screw Air Compressor

- Minimum 10HP: larger air compressor may be required depending on compressor manufacturer, air dryer used, pipe configuration and altitude.