



FSX Equipment Power and Air Requirements

| | Volts | Amps | Kw | KVA | Hp | PF |
|-----------------------|-------------------------------------|------|------|------|-----|-----|
| TrapBlaster | 120v, 1 phase 60 Hz | 6 | 0.72 | 0.9 | n/a | .80 |
| TrapBlaster JR | 120v, 1 phase 60Hz | 12 | 1.44 | 1.71 | n/a | .84 |
| | | | | | | |
| SootSucker | 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 |
| | | | | | | |
| TrapTester | 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 |
| | | | | | | |
| TrapBurner | 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 |

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:

- 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 Saver Mode: (Doubles Cleaning Time)

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

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

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

Pipe Diameter: 1" ID air supply line