

The TOCCOtron 400 delivers reliable heating at a frequency range of 135 to 450 kHz. Advanced design features incorporated in this compact MOSFET based power supply make it user friendly. Load matching is automatic, based on a swept frequency design. Load matching components are internal, creating a reduced footprint. The relative high frequency capability of the TOCCOtron 400 makes this power supply the ideal choice when heating very thin materials, or in processes requiring precise depths of heating.



FEATURES

- Solid state MOSFET design
- Tracks load resonance
- Built -in solid state heat timer (12.5kW and 25kW only)
- 24 Vdc PLC compatible communication port
- Reliable output from 135 to 450 kHz
- Selectable output parameters meter
- Readily accepts lightweight remote load matching devices
- Remote loads can be mounted up to 200 feet away from the power source
- Automatic limit and fault protection with annunciation
- Automatic load matching

Specifications:

Model	5 kW TOCCOtron 400	7.5 kW TOCCOtron 400	12.5 kW TOCCOtron 400	25 kW TOCCOtron 400
RF Output Power	5 kW continuous	7.5 kW continuous	12.5 kW continuous	25 kW continuous
Frequency Range	135 to 450 kHz			
RF Coil Voltage	0-500 V(rms)			
AC line Input 50/60 Hz	195 to 264 Vac 3 phase			
AC line Power	5.7 kW	8.7 kW	14.7 kW	29.1 kW
Water Cooling Requirements 30 psi (207 kPa) minimum 105°F (41°C) maximum	0.5 gpm (.032 l/s)		1.0 gpm (.064 l/s)	2.0 gpm (.128 l/s)
Distance to optional remote heat station	10 ft (3.048 m) standard; up to 200 ft (60.96 m)			
Customer I/O	24 Vdc PLC compatible; 0-10 Vdc and 4-20 mA control input; built in digital heat timer (12.5 kW and 25 kW only) optional plug -and-play remote pendant controller			
Weight	55 lbs (25 kg)		110 lbs (50 kg)	150 lbs (68 kg)
Dimensions	L 23.5in (597mm) W 14.5in (369mm) H 14.0in (356mm)		L 15in (381mm) W 20in (508mm) H 36in (915mm)	



Pendant Controller
for process control



Induction Coil Quick Clamp
allows quick changing of coils
without wrenches or water valves



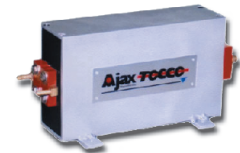
Water Recirculating Systems



**TOCCOtron Temperature
Controller**



Heavy Duty Foot Switch
for hands free initiation of process



Remote Heat Station
remote mount induction coils up to
200 feet away