

ULTRAFLEX M-AIR

8-25 kW/ 5-50kHz

**EFFICIENT POWER FOR
INDUCTION HEATING**



FEATURES

- Output regulation – Voltage, Power, Current
- Displayed parameters – Voltage, Power, Current, Temperature
- Limits Setting – Current, Volts, Power, Temperature
- Automatic, Remote or Local Control
- Variable ratio output isolation transformer for load matching to a wide range of loads and coils
- RS485 interface for remote computer monitoring, control and diagnostics
- Power control from 10 to 100% in 1% increments
- Built-in temperature controller with thermocouple input
- Multiple user programs with programmable steps: power level, temperature, time duration
- 0-10V or 4-20mA external control and remote operation

The Ultraflex UPT-M/AIR family of products is specifically designed for preheating applications, stress relieving or shrink fitting applications.

Air-cooled Induction Heating Systems, with compact and mobile units, easy to use and to move around the work area.

Easy to configure the heating coil using either dry cables or water cooled leads.

Utilize advanced, cost effective induction heating technology with adaptive digital phase control providing very efficient operation in a wide frequency and load ranges.

CE certified with built in safety features (open coil detection, isolation fault protection, over current and over temperature protection).

APPLICATIONS

Pipe and Plate heating, Weld Pre-heating, Stress Relieving, Shrink Fitting, Mounting/Dismounting, Coating Curing and more...

HEADQUARTERS

10 Colt Court
Ronkonkoma, New York 11779
Tel: 631.467.6814
sales@ultraflexpower.com



ultraflexpower.com



ULTRAFLEX M-AIR

8-25 kW/ 5-50kHz

EFFICIENT POWER FOR
INDUCTION HEATING

BENEFITS

- Improved energy efficiency compared to resistance or flame heating
- Uniform heating with high degree of controllability and repeatability
- Increased productivity by rapid time-to-temperature heating
- Eliminates open flame safety hazard and propane handling costs
- Low maintenance requirements, easy to use systems

Optional Equipment

Description	
RCP-02	Remote Control Box (Start/Stop)



Power Supply Model

	M8/50-AC OUFX-006-200	M12/50-AC OUFX-006-200	M25/25-AC OUFX-006-100
Output kW	8 kW	12 kW	25 kW
Frequency kHz	10-50	10-50	5 - 25
AC Line Volts (50/60Hz)	380/480±10	380/480±10	380/480±10
Line Phases	3	3	3
Weight Lb (kg)	242.5 (110)	242.5 (110)	440.9 (200)
Dimensions Inch (cm) WxDxH	19.9" x 30.1" x 28.1" (50 x 77 x 71)	19.9" x 30.1" x 28.1" (50 x 77 x 71)	23.6" x 34.4" x 36.6" (60 x 88 x 94)

HEADQUARTERS

10 Colt Court
Ronkonkoma, New York 11779
Tel: 631.467.6814
sales@ultraflexpower.com



ultraflexpower.com

