

# UPT-M/AIR

8-25 kW/ 5-50kHz

Efficient Power for Heating Solutions



## BENEFITS OF INDUCTION HEATING

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



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

Air-cooled, 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)

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## FEATURES

- Air cooled coil
- 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
- RS232/485 interface for remote computer monitoring, control and diagnostics
- Power control from 2 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



## SPECIFICATIONS

### Power Supply Model

	UPT-M8/AC	UPT-M12/AC	UPT-M25/AC
Output Power, kW	8	12	25
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) LxWxH	25.2 x 19.7 x 23.6 (64 x 50 x 60)	25.2 x 19.7 x 23.6 (64 x 50 x 60)	31.5 x 23.7 x 32.7 (80 x 60 x 83)

### Optional Equipment

	Description
RCP-02	Remote Control Box (Start/Stop)
FS-01	Foot Switch Assembly
CAB-025	25 ft Dry cables
CAB-050	50 ft Dry cables
CAB-075	75 ft Dry cables
CAB-W25	25 ft Water cables

## APPLICATIONS

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



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