

# RDO

Induction L.L.C.

## INDUCTION HEATING SOLUTIONS

### Induction Power Supply Model LCLF

#### 1-20 kHz Induction Power Supplies

##### Features:

- Compact Design
- Standard Remote Heat Station
- 100% Duty Cycle
- Attractive Pricing
- Highly Efficient IGBT based Solid State Circuitry
- Available from 15 to 160kW in power
- 1-20 kHz Frequency Range
- 4-20 mA Remote Interface Input
- Power Control from 10-100%
- Applications include:  
Forging, Pipe Heating, Melting, Shrink Fitting  
Annealing & Brazing



#### RDO Model LCLF Induction Heating Power Supplies

The LCLF series of power supplies are supplied in a power output range from 15 to 160kW in power and a 1-20 kHz output frequency, desirable for the heating a large parts, forging applications, melting and other applications where deep heat penetration is required. These systems have been designed with the latest in IGBT Solid State circuitry and offer a very compact design combined with high energy output. The systems are produced with a Parallel Resonant Circuit and will Auto-Tune to the Induction Coil. No internal tuning of the systems are required.

#### Diagnostic Systems and Displays

All systems are equipped with Diagnostic Limit indicators for Voltage, Phase Failure, Over Temperature, Water Flow, Current and Out of Frequency, which are located on the front panel for easy view and trouble-shooting in the event of a problem. The systems are also equipped with an LED Display so that the user can monitor Output power in kW, Voltage, Amperage and Frequency.



For more information visit us on the web: [www.rdoinduction.com](http://www.rdoinduction.com)

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### Power Supply Specifications:

Model	Output Power	Frequency	Input Voltage	Weight	Dimensions (LxWxH)
LCLF 15	15 kW	1-20 kHz	220V, 3-Phase	54 lbs	18x9x16"
LCLF 25	25 kW	1-20 kHz	220V, 3-Phase	68 lbs	18x11x18"
LCLF 35	35 kW	1-20 kHz	380/460V, 3-Phase	74 lbs	21x11x18"
LCLF 45	45 kW	1-20 kHz	380/460V, 3-Phase	80 lbs	26x14x22"
LCLF 70	70 kW	1-20 kHz	380/460V, 3-Phase	115 lbs	26x14x22"
LCLF 90	90 kW	1-20 kHz	380/460V, 3-Phase	130 lbs	30x16x35"
LCLF 110	110 kW	1-20 kHz	380/460V, 3-Phase	200 lbs	30x16x35"
LCLF 160	160 kW	1-20 kHz	380/460V, 3-Phase	200 lbs	30x16x35"