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Solid State Induction Heater *EGMA line* from 6 up 30 KW

MODELLI

	Power
EGMA 6	6 KW
EGMA 10	10 KW
EGMA 15	
EGMA 20	
EGMA 25	25 KW
EGMA 30	30 KW

BENEFITS

Reliable performance
Solid State technology
Wide frequency Range
50-300 kHz
Fast Operation
Automatic Tuning
Flexible configuration
Remote Heating Head
Process Repeatability
Closed Loop Control



Dimension POWER SUPPLY: 300Lx530Wx470H mm
Dimensioni HEAD: see on rear side

APPLICATION

Forging
Melting
Soldering
Brazing
Annealing
Hardening
Drying
Bonding/Debonding

USER FRIENDLY !!

Thanks to the
"AUTOTUNE" function
implied in the
PROCESS CONTROL,
setting P.I.D. Parameters
is very easy

SELF COOLING UNIT



DIMENSIONS
700Lx900Px1300H
WEIGHT
170 kg

WATER REFRIGERATOR

Technical features:

Supply	400/3/50
Cooling power	7 KW
Gas	R 407C
Water Temp.	20-24
Water tank	45 liters



EASY
TO EXTRACT

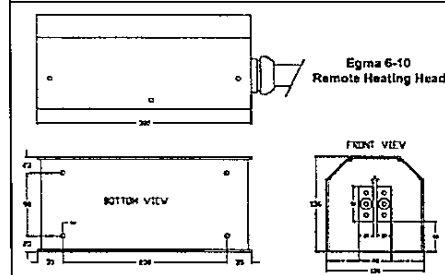
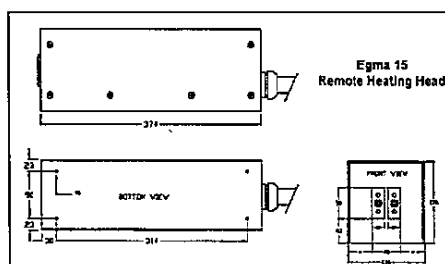
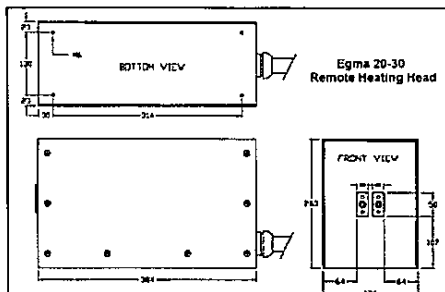
ECOFITEC

21 rue de Sassenage
38600 FONTAINE
tel +33(0)476 01 03 01
info@ecofitec.com
www.ecofitec.com

INDUCTION HEATING SYSTEM



HEATING HEAD DIMENSIONS



EGMA line power supplies, provide safe, reliable and repeatable power for precision induction heating application.

If your heating process requires up to 30 KW of power and frequency from 50 to 300 kHz, **EGMA** is best low-cost solution .

EGMA series line of RF power supplies includes 6 different models: 6-10-15-20-25-30

Flexible Remote Heating Head

To increase operator workspace on the production floor and provide maximum flexibility, each Unit has got a Remote Heating Head very small and light, which may be located up to 10 mt (standard is 5 mt) from the power supply.

Process Repeatability

For repeatable result, cycle by cycle and day after day, our power supplies has got a automatic tuning system.

This system automatically tunes the Unit to the resonant frequency of the coil and workpiece and providing more flexibility for application which use multiple heat station and different coils for different applications.

Unsurpassed Reliability

Maximum uptime and reliability are achieved through careful design and 100% solid state construction. This approach minimize stress on internal power components and eliminates the maintenance.

Coil Design, Easy Use

To meet specific application needs, EGMA line design allow the use of a wide range of coil, including single and multiple turn, helical and open saddle type.

Self Cooled Design

EGMA line is also available integrated of Water Refrigerator. These models don not need of external water cooling.

	EGMA 6	EGMA 10	EGMA 15	EGMA 20	EGMA 25	EGMA 30
Power Output	6	10	15	20	25	30
Power absorbed KVA	7,2	12	18	24	30	36
Power Supply Dimension	300L x 530D x 470H mm					
Power Supply Weight	40 Kg			55 kG		
Kind of Heating Head	T1		T1 or T2		T3	
Cooling Water Flow Rate	3 liter/min			7 liter/min		
Cooling Water Input pressure	4 bar			5 bar		
Frequency Range	From 50 to 300 kHz					
AC line Power	3 phases 400 50-60 Hz					
Max Output Voltage	400 Vrms	400 Vrms	500 Vrms			
Cable Length to Heating Head	Standard 5 mt, available up to 10 mt					
Operator I/O	0-10 V, 4-20 mA for power regulation, ON-OFF digital and others					
Self Cooled Unit	EGMA 6R	EGMA 10R	EGMA 15R	EGMA 20R	EGMA 25R	EGMA 30R
AC KVA	12,1	16,5	22	27,5	33	38,5
Cooling Capacity to 33 degrees	7 KW	7 KW	7 KW	10 KW	10 KW	10 KW
AC line Power	3 phases 400 50 Hz					
Cooling Gas	R 407C					

HEATING HEAD (weight and dimension)			
Kind of HEAD	T1	T2	T3
Dimension	136L x 300D x 136H	136L x 374D X 136H	176L x384D X 263H
Weight	8 Kg	10 Kg	16 Kg