



**MMF INDUCTION**

# PRODUCT CATALOGUE

We specialize in the manufacturing of induction heating machines, chillers, and temperature-controlled units.





Model	Output Power In KWs	Frequency In KHZ	Input voltage & power	cooling water flow & pressure	Protection class	HHT Weight	Power Supply Weight & Dimension
MMF-D5/40	5-Continuous	10-40	415v±1-10%,3PH 7.5KVA	12 lpm,4-6 bar	IP54	1.5Kgs	41.5Kgs L:590 W:280 H:340
MMF-D10/40	10-Continuous	10-40	415v±1-10%,3PH12.5KVA	12 lpm,4-6 bar	IP54	1.5Kgs	42Kgs L:590 W:280 H:340
MMF-D15/40	15-Continuous	10-40	415v±1-10%,3PH 17.5KVA	12 lpm,4-6 bar	IP54	1.5Kgs	42.5Kgs L:590 W:280 H:340
MMF-D20/40	20-Continuous	10-40	415v±1-10%,3PH 22.5KVA	12 lpm,4-6 bar	IP54	1.5Kgs	45Kgs L:590 W:280 H:340
MMF-D25/40	25-Continuous	10-40	415v±1-10%,3PH 27.5KVA	12 lpm,4-6 bar	IP54	1.5Kgs	47Kgs L:590 W:280 H:340
MMF-D30/40	30-Continuous	10-40	415v±1-10%,3PH 32.5KVA	12 lpm,4-6 bar	IP54	1.5Kgs	47.8Kgs L:590 W:280 H:340
MMF-D35/40	35-Continuous	10-40	415v±1-10%,3PH 37.5KVA	12 lpm,4-6 bar	IP54	1.5Kgs	48.2Kgs L:590 W:280 H:340

# INDUCTION HEATER

MMF-D5-35/40 induction heating power supplies have a series/parallel resonant circuit with a solid state design that is suitable for applications with a frequency range of 40 kHz and power between 4 and 35 kw.

These power supplies have inbuilt PLC controls that cover local/remote operations; they also have power and voltage-setpoints for the precise control of output power.



Model	Output Power In KWs	Frequency In KHZ	Input voltage & power	cooling water flow & pressure	Transformer Weight	Power Supply Weight & Dimension
MMF-D15/100	15	50-100	415 V+/-10%,17.5 KVA	15 LPM@1-2 Bar	10 Kgs	28 Kgs W:470 D:450 H:178
MMF-D30/250	30	100-250	415 V+/-10%,38 KVA	53 LPM@1-2 Bar	40 Kgs	122 Kgs W:560 D:555 H:1240
MMF-D50/200	50	100-200	415 V+/-10%,65 KVA	53 LPM@1-2 Bar	60 Kgs	170 Kgs W:690 D:720 H:1520
MMF-D60/30	60	10-30	415 V+/-10%,75 KVA	75 LPM@2-3 Bar	84 Kgs	145 Kgs W:600 D:550 H:1300
MMF-D80/30	80	10-30	415 V+/-10%,100 KVA	85 LPM@2-3 Bar	100 Kgs	220 Kgs W:700 D:700 H:1500
MMF-D120/30	120	10-30	415 V+/-10%,150 KVA	135 LPM@2-3 Bar	125 Kgs	230 Kgs W:700 D:700 H:1500
MMF-D160/30	160	10-30	415 V+/-10%,200 KVA	155 LPM@2-3 Bar	145 Kgs	242 Kgs W:700 D:700 H:1500

# INDUCTION HEATER

MMF-D15-160/250 induction heating power supplies feature a series/parallel resonant circuit with a solid-state design, suitable for applications with frequencies between 10 to 250 kHz and power outputs ranging from 15 to 160 kW.

These power supplies have built-in PLC controls that enable local and remote operations, as well as power and voltage set points for precise control of output power.



# WATER/OIL CHILLER

Model	Cooling Capacity	Refrigerant	Flow Rate /Pressure	Input Voltage	Condensor	Evaporator
MMF -SWC	1500 Kcal/hr	R134A	7.5 lpm @ 2.5 bar	1Ph 230 V 50 Hz AC	Air Cooled	BPHE
	3000 Kcal/hr	R134A	10 lpm @ 2.5 bar	3Ph 415 V 50 Hz AC	Air Cooled	BPHE
	6000 Kcal/hr	R407C	20 lpm @ 2.5 bar	3Ph 415 V 50 Hz AC	Air Cooled	BPHE
	9000 Kcal/hr	R407C	30 lpm @ 2.5 bar	3Ph 415 V 50 Hz AC	Air Cooled	BPHE
MMF -MWC	15000 Kcal/hr	R407C	50 lpm @ 2.5 bar	3Ph 415 V 50 Hz AC	Air Cooled	BPHE
	90000 Kcal/hr	R407C	300 lpm @ 2.5 bar	3Ph 415 V 50 Hz AC	Air Cooled	BPHE
MMF -LWC	300000 Kcal/hr	R407C	1000 lpm @ 2.5 bar	3Ph 415 V 50 Hz AC	Air Cooled	BPHE

Water chillers produce process water necessary to cool critical industrial equipment. These chillers have applications across various industries, including machine tools, chemicals, induction heating, XRD/XRF spectrometers, plastics, and medical equipment. We offer water chillers tailored to your applications, understanding that the chiller we supply will be an integral part of your process.



# TEMPERATURE CONTROLLED UNIT

MODEL NAME	FLOW RATE	INPUT VOLTAGE	CURRENT
MMF-TCU-50	50LPM	3Ph 415V 50Hz	18AMPS
MMF-TCU-100	100LPM	3Ph 415V 50Hz	26AMPS
MMF-TCU-150	150LPM	3Ph 415V 50Hz	31AMPS
MMF-TCU-200	200LPM	3Ph 415V 50Hz	36AMPS
MMF-TCU-250	250LPM	3Ph 415V 50Hz	44AMPS
MMF-TCU-400	400LPM	3Ph 415V 50Hz	70AMPS
MMF-TCU-500	500LPM	3Ph 415V 50Hz	81AMPS
MMF-TCU-600	600LPM	3Ph 415V 50Hz	93AMPS

An industrial temperature-controlled unit, often referred to as an industrial temperature control system or unit, is a piece of equipment used in various industrial processes to regulate and maintain specific temperature conditions within a controlled environment. These units are designed to provide precise temperature control, typically within a specific range, to ensure that industrial processes or equipment operate optimally and consistently.

Industrial temperature-controlled units can be used in a wide range of applications across industries such as manufacturing, pharmaceuticals, rubber mixing, food processing, chemical production, and more.



# INDUCTION COIL

We take pride in our expertise and capabilities in the manufacturing and design of induction heating coils. With years of experience and a team of skilled professionals, we specialize in creating customized and efficient induction heating coil solutions for a wide range of applications. Our commitment to precision engineering and innovative design ensures that our coils deliver consistent and reliable performance, meeting the unique needs of our clients. Whether you require coils for heating, brazing, or any other induction heating process, our dedicated team can provide tailored solutions that optimize energy efficiency and overall system effectiveness. When it comes to induction heating, we are your trusted partner for quality, craftsmanship, and innovation.



# THANK YOU

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