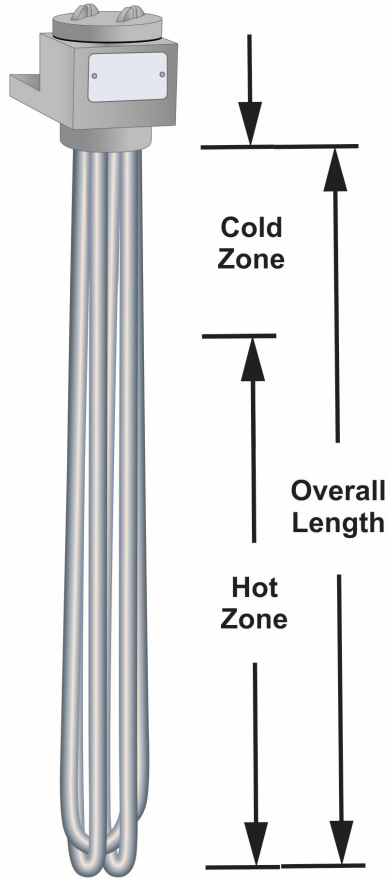


3 ELEMENT METAL HEATER



INFORMATION

- Durable, efficient chemical heater
- Designed for use over the side of a container
- Three-element, tubular construction
- Made of:
 - 316 stainless steel
- Consult solution recommendation chart with chemical supplier for proper sheath material selection
- Can be used in three phase systems
- Wattage range: 3000-10500 watts
- Voltages: 240-480

FEAUTRES

- Heavy wall metal sheath available in:
 - 316 stainless steel
- High watt density of up to 40 watts/square inch (6.2 w/cm²)
- Terminal enclosure made of vapor resistant, flame retardant polypropylene with 3 ft (.9m) flexible Teflon liquid tight conduit
- Grounded construction and built-in thermal protector
- Replaceable P1 protector included for solutions up to 180°F (82°C)



PROTECTOR / FUSE OPTIONS

CODE	TYPE OF FUSE	DESCRIPTION
P1	REPLACEABLE	Standard for solutions up to 180°F (82°C)
P4	REPLACEABLE	For solutions from 180 to 230°F (82 to 110°C)
P2	RESETTABLE	For solutions up to 180°F (82°C)
P6	RESETTABLE	For solutions from 180 to 230°F (82 to 110°C)

STANDARD PARTS

MPI P/N	WATTS	VOLTS	HOT ZONE	OVERALL LENGTH
IM-3HS3217-**	3000 W	240 V	11 "279 mm	17 "432 mm
IM-3HS3417-**	3000 W	480 V	11 "279 mm	17 "432 mm
IM-3HS4.5223-**	4500 W	240 V	16 "406 mm	23 "584 mm
IM-3HS4.5423-**	4500 W	480 V	16 "406 mm	23 "584 mm
IM-3HS7.5229-**	7500 W	240 V	21 "533 mm	29 "737 mm
IM-3HS7.5429-**	7500 W	480 V	21 "533 mm	29 "737 mm
IM-3HS10.5234-**	10500 W	240 V	26 "660 mm	34 "864 mm

*3-phase standard, single phase available. **Specify Protector / Fuse

3-4 Week Lead Time for Standard & Custom Products!

ORDER CODE

SERIES	WATTAGE	VOLTAGE	OVERALL LENGTH	PHASE	TYPE OF PROTECTOR	WIRE & CONDUIT LENGTH
3HS 3 element, 316 stainless steel	3 3000W	1 120V	17 3kW	No designator = 3 phase (std)	REPLACEABLE FUSE	blank - 36" TEFLON CONDUIT
	4.5 4500W	2 240V	23 4.5kW	1= single phase	P1 (std)- SOLUTIONS UP TO 180°F	SPECIFY LENGTH - EX. X84 = 84" TEFLON CONDUIT
	7.5 7500W	3 380V	29 7.5kW		P4 - SOLUTIONS UP TO 230°F	
	10.5 10500W	4 480V	34 10.5kW		P5 - SOLUTIONS UP TO 300°F	
		5 415V		M = Metal welded junction box (resettable protector required)	RESETTABLE FUSE	
		6 600V			P2 - SOLUTIONS UP TO 180°F	
		7 400V			P6 - SOLUTIONS UP TO 230°F	
		8 208V			P7 - SOLUTIONS UP TO 300°F	
		9 220V				
		0 200V				

EX. IM-3HS4.5523-1-P4 3 ELEMENT 316SS Immersion Heater, 4.5kW, 415V, Single Phase, 23" Overall Length, P4 Replaceable Fuse for Solutions up to 230degF, 36" Teflon Conduit