



closing the loop on thermal solutions

Immersion Heaters

STANDARD SCREW PLUG IMMERSION HEATERS

No thermostat or sensor included in base models.

Application: Clean Water

1" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			120V 1 PH	240V 1 PH
60W/IN ² BRASS PLUG 1-COPPER ELEMENT NEMA 1 ENCLOSURE	500	4 ¾"	MS10BC-H04M3-0500ZN	MS10BC-H04M5-0500ZN
	750	6 ⅝"	MS10BC-H06K3-0750ZN	MS10BC-H06K5-0750ZN
	1000	8 ⅝"	MS10BC-H08K3-1000ZN	MS10BC-H08K5-1000ZN
	1250	10 ½"	MS10BC-H10H3-1250ZN	MS10BC-H10H5-1250ZN
	1500	12 ½"	MS10BC-H12H3-1500ZN	MS10BC-H12H5-1500ZN
	2000	16 ⅜"	MS10BC-H16F3-2000ZN	MS10BC-H16F5-2000ZN
	2500	20 ¼"	MS10BC-H20D3-2500ZN	MS10BC-H20D5-2500ZN
	3000	24 ⅛"	MS10BC-H24B3-3000ZN	MS10BC-H24B5-3000ZN
	4000	31 ⅞"	MS10BC-H31P3-4000ZN	MS10BC-H31P5-4000ZN

Application: Forced Air and Gases, Caustic Solutions, Degreasing Solutions

1" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			120V 1 PH	240V 1 PH
23W/IN ² 304 SS PLUG 1-INCOLOY [®] ELEMENT NEMA 1 ENCLOSURE	250	6 ½"	MS1044-H06H3-0250ZN	MS1044-H06H5-0250ZN
	375	9 ⅛"	MS1044-H09B3-0375ZN	MS1044-H09B5-0375ZN
	500	11 ⅞"	MS1044-H11P3-0500ZN	MS1044-H11P5-0500ZN
	750	17 ½"	MS1044-H17H3-0750ZN	MS1044-H17H5-0750ZN
	1000	23"	MS1044-H2303-1000ZN	MS1044-H2305-1000ZN
	1500	34 ⅛"	MS1044-H34B3-1500ZN	MS1044-H34B5-1500ZN

Application: Lightweight Oils, Degreasing Solutions, Heat Transfer Oils

1" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			120V 1 PH	240V 1 PH
23W/IN ² STEEL PLUG 1-STEEL ELEMENT NEMA 1 ENCLOSURE	250	6 ½"	MS10SB-H06H3-0250ZN	MS10SB-H06H5-0250ZN
	375	9 ⅛"	MS10SB-H09B3-0375ZN	MS10SB-H09B5-0375ZN
	500	11 ⅞"	MS10SB-H11P3-0500ZN	MS10SB-H11P5-0500ZN
	750	17 ½"	MS10SB-H17H3-0750ZN	MS10SB-H17H5-0750ZN
	1000	23"	MS10SB-H2303-1000ZN	MS10SB-H2305-1000ZN
	1500	34 ⅛"	MS10SB-H34B3-1500ZN	MS10SB-H34B5-1500ZN

Application: Clean Water

1 ¼" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			120V 1 PH	240V 1 PH
60W/IN ² BRASS PLUG 1-COPPER ELEMENT	500	4 ¾"	MS1DBC-H04M3-0500ZN	MS1DBC-H04M5-0500ZN
	750	6 ⅝"	MS1DBC-H06K3-0750ZN	MS1DBC-H06K5-0750ZN
60W/IN ² BRASS PLUG 2-COPPER ELEMENT NEMA 1 ENCLOSURE	1000	4 ¾"	MS1DBC-J04M3-1000ZN	MS1DBC-J04M5-1000ZN
	1500	6 ⅝"	MS1DBC-J06K3-1500ZN	MS1DBC-J06K5-1500ZN
	2000	8 ⅝"	MS1DBC-J08K3-2000ZN	MS1DBC-J08K5-2000ZN
	2500	10 ½"	MS1DBC-J10H3-2500ZN	MS1DBC-J10H5-2500ZN
	3000	12 ½"	MS1DBC-J12H3-3000ZN	MS1DBC-J12H5-3000ZN
	4000	16 ⅜"	MS1DBC-J16F3-4000ZN	MS1DBC-J16F5-4000ZN
	5000	20 ¼"	MS1DBC-J20D3-5000ZN	MS1DBC-J20D5-5000ZN
6000	24 ⅛"	MS1DBC-J24B3-6000ZN	MS1DBC-J24B5-6000ZN	
8000	31 ⅞"	MS1DBC-J31P3-8000ZN	MS1DBC-J31P5-8000ZN	

Process Heaters



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No thermostat or sensor included in base models.

Application: Process Water

1 ¼" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			120V 1 PH	240V 1 PH
48W/IN ² 304 SS PLUG	1000	6 ½"	MS1D44-J06H3-1000ZN	MS1D44-J06H5-1000ZN
	1500	9 ⅛"	MS1D44-J09B3-1500ZN	MS1D44-J09B5-1500ZN
	2000	11 ⅞"	MS1D44-J11P3-2000ZN	MS1D44-J11P5-2000ZN
2-INCOLOY [®] ELEMENT	3000	17 ½"	MS1D44-J17H3-3000ZN	MS1D44-J17H5-3000ZN
	4000	23"	MS1D44-J2303-4000ZN	MS1D44-J2305-4000ZN
NEMA 1 ENCLOSURE	6000	34 ⅛"	MS1D44-J34B3-6000ZN	MS1D44-J34B5-6000ZN

Application: Forced Air and Gases, Caustic Solutions, Degreasing Solutions

1 ¼" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			120V 1 PH	240V 1 PH
23W/IN ² 304 SS PLUG	500	6 ½"	MS1D44-J06H3-0500ZN	MS1D44-J06H5-0500ZN
	750	9 ⅛"	MS1D44-J09B3-0750ZN	MS1D44-J09B5-0750ZN
	1000	11 ⅞"	MS1D44-J11P3-1000ZN	MS1D44-J11P5-1000ZN
2-INCOLOY [®] ELEMENT	1500	17 ½"	MS1D44-J17H3-1500ZN	MS1D44-J17H5-1500ZN
	2000	23"	MS1D44-J2303-2000ZN	MS1D44-J2305-2000ZN
NEMA 1 ENCLOSURE	3000	34 ⅛"	MS1D44-J34B3-3000ZN	MS1D44-J34B5-3000ZN

Application: Lightweight Oils, Degreasing Solutions, Heat Transfer Oils

1 ¼" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			120V 1 PH	240V 1 PH
23W/IN ² STEEL PLUG	500	6 ½"	MS1DSB-J06H3-0500ZN	MS1DSB-J06H5-0500ZN
	750	9 ⅛"	MS1DSB-J09B3-0750ZN	MS1DSB-J09B5-0750ZN
	1000	11 ⅞"	MS1DSB-J11P3-1000ZN	MS1DSB-J11P5-1000ZN
2-STEEL ELEMENT	1500	17 ½"	MS1DSB-J17H3-1500ZN	MS1DSB-J17H5-1500ZN
	2000	23"	MS1DSB-J2303-2000ZN	MS1DSB-J2305-2000ZN
NEMA 1 ENCLOSURE	3000	34 ⅛"	MS1DSB-J34B3-3000ZN	MS1DSB-J34B5-3000ZN

Application: Mildly Corrosive Solutions, Medium Weight Oils, Heat Transfer Oils

1 ¼" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			120V 1 PH	240V 1 PH
16W/IN ² 304 SS PLUG	335	6 ½"	MS1D44-J06H3-0335ZN	MS1D44-J06H5-0335ZN
	500	9 ⅛"	MS1D44-J09B3-0500ZN	MS1D44-J09B5-0500ZN
	670	11 ⅞"	MS1D44-J11P3-0670ZN	MS1D44-J11P5-0670ZN
2-INCOLOY [®] ELEMENT	1000	17 ½"	MS1D44-J17H3-1000ZN	MS1D44-J17H5-1000ZN
	1335	23"	MS1D44-J2303-1335ZN	MS1D44-J2305-1335ZN
NEMA 1 ENCLOSURE	2000	34 ⅛"	MS1D44-J34B3-2000ZN	MS1D44-J34B5-2000ZN

Application: Clean Water

2" NPT	WATTS	IMMERSION LENGTH	PART NO.			
			120V/240V 1 PH	240V 3 PH	240V/480V 1PH	480V 3PH
60W/IN ² BRASS PLUG	2000	8 ⅜"	MS20BC-J08FR-2000ZN		MS20BC-J08FT-2000ZN	
	3000	11 ⅛"	MS20BC-J11BR-3000ZN		MS20BC-J11BT-3000ZN	
	4000	13 ⅞"	MS20BC-J13PR-4000ZN		MS20BC-J13PT-4000ZN	
2-COPPER ELEMENT	5000	16 ⅝"	MS20BC-J16KR-5000ZN		MS20BC-J16KT-5000ZN	
	6000	19 ⅜"	MS20BC-J19FR-6000ZN		MS20BC-J19FT-6000ZN	
	8000	24 ⅞"	MS20BC-J24PR-8000ZN		MS20BC-J24PT-8000ZN	
NEMA 1 ENCLOSURE	10000	30 ⅜"	MS20BC-J30FR-100CZN		MS20BC-J30FT-100CZN	

60W/IN ² BRASS PLUG	3000	8 ⅜"		MS20BC-A08FL-3000ZN		MS20BC-A08FP-3000ZN
	4500	11 ⅛"		MS20BC-A11BL-4500ZN		MS20BC-A11BP-4500ZN
	6000	13 ⅞"		MS20BC-A13PL-6000ZN		MS20BC-A13PP-6000ZN
3-COPPER ELEMENT	7500	16 ⅝"		MS20BC-A16KL-7500ZN		MS20BC-A16KP-7500ZN
	9000	19 ⅜"		MS20BC-A19FL-9000ZN		MS20BC-A19FP-9000ZN
	12000	24 ⅞"		MS20BC-A24PL-120CZN		MS20BC-A24PP-120CZN
NEMA 1 ENCLOSURE	15000	30 ⅜"		MS20BC-A30FL-150CZN		MS20BC-A30FP-150CZN



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Application: Process Water

2" NPT	WATTS	IMMERSION LENGTH	PART NO.			
			120V/240V 1 PH	240V 3 PH	240V/480V 1PH	480V 3PH
48W/IN ² 304 SS PLUG	2000	10 ¼"	MS2044-J10DR-2000ZN		MS2044-J10DT-2000ZN	
	3000	14"	MS2044-J140R-3000ZN		MS2044-J140T-3000ZN	
	4000	17 ⅝"	MS2044-J17KR-4000ZN		MS2044-J17KT-4000ZN	
2-INCOLOY [®] ELEMENT	5000	21 ¼"	MS2044-J21DR-5000ZN		MS2044-J21DT-5000ZN	
	6000	25"	MS2044-J250R-6000ZN		MS2044-J250T-6000ZN	
NEMA 1 ENCLOSURE	8000	32 ⅜"	MS2044-J32FR-8000ZN		MS2044-J32FT-8000ZN	
	10000	39 ⅝"	MS2044-J39KR-100CZN		MS2044-J39KT-100CZN	
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48W/IN ² 304 SS PLUG	3000	10 ¼"		MS2044-A10DL-3000ZN		MS2044-A10DP-3000ZN
	4500	14"		MS2044-A140L-4500ZN		MS2044-A140P-4500ZN
	6000	17 ⅝"		MS2044-A17KL-6000ZN		MS2044-A17KP-6000ZN
3-INCOLOY [®] ELEMENT	7500	21 ¼"		MS2044-A21DL-7500ZN		MS2044-A21DP-7500ZN
	9000	25"		MS2044-A250L-9000ZN		MS2044-A250P-9000ZN
NEMA 1 ENCLOSURE	12000	32 ⅜"		MS2044-A32FL-120CZN		MS2044-A32FP-120CZN
	15000	39 ⅝"		MS2044-A39KL-150CZN		MS2044-A39KP-150CZN
	18000	47 "		MS2044-A470L-180CZN		MS2044-A470P-180CZN

Application: Forced Air and Gases, Caustic Solutions, Degreasing Solutions

2" NPT	WATTS	IMMERSION LENGTH	PART NO.			
			120V/240V 1 PH	240V 3 PH	240V/480V 1PH	480V 3PH
23W/IN ² 304 SS PLUG	1000	10 ¼"	MS2044-J10DR-1000ZN		MS2044-J10DT-1000ZN	
	2000	17 ⅝"	MS2044-J17KR-2000ZN		MS2044-J17KT-2000ZN	
	3000	25"	MS2044-J250R-3000ZN		MS2044-J250T-3000ZN	
2-INCOLOY [®] ELEMENT	4000	32 ⅜"	MS2044-J32FR-4000ZN		MS2044-J32FT-4000ZN	
	5000	39 ⅝"	MS2044-J39KR-5000ZN		MS2044-J39KT-5000ZN	
NEMA 1 ENCLOSURE	6000	47"	MS2044-J470R-6000ZN		MS2044-J470T-6000ZN	
	8000	61 ¾"	MS2044-J61MR-8000ZN		MS2044-J61MT-8000ZN	
	10000	76 ⅜"	MS2044-J76FR-100CZN		MS2044-J76FT-100CZN	
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23W/IN ² 304 SS PLUG	1500	10 ¼"		MS2044-A10DL-1500ZN		MS2044-A10DP-1500ZN
	3000	17 ⅝"		MS2044-A17KL-3000ZN		MS2044-A17KP-3000ZN
	4500	25"		MS2044-A250L-4500ZN		MS2044-A250P-4500ZN
3-INCOLOY [®] ELEMENT	6000	32 ⅜"		MS2044-A32FL-6000ZN		MS2044-A32FP-6000ZN
	7500	39 ⅝"		MS2044-A39KL-7500ZN		MS2044-A39KP-7500ZN
NEMA 1 ENCLOSURE	9000	47"		MS2044-A470L-9000ZN		MS2044-A470P-9000ZN
	12000	61 ¾"		MS2044-A61ML-120CZN		MS2044-A61MP-120CZN
	15000	76 ⅜"		MS2044-A76FL-150CZN		MS2044-A76FP-150CZN

Process Heaters



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No thermostat or sensor included in base models.

Application: Lightweight Oils, Degreasing Solutions, Heat Transfer Oils

2" NPT	WATTS	IMMERSION LENGTH	PART NO.			
			120V/240V 1 PH	240V 3 PH	240V/480V 1PH	480V 3PH
23W/IN ² STEEL PLUG	1000	10 1/4"	MS20SB-J10DR-1000ZN		MS20SB-J10DT-1000ZN	
	1500	14"	MS20SB-J140R-1500ZN		MS20SB-J140T-1500ZN	
	2000	17 5/8"	MS20SB-J17KR-2000ZN		MS20SB-J17KT-2000ZN	
2-STEEL ELEMENT	2500	21 1/4"	MS20SB-J21DR-2500ZN		MS20SB-J21DT-2500ZN	
	3000	25"	MS20SB-J250R-3000ZN		MS20SB-J250T-3000ZN	
NEMA 1 ENCLOSURE	4000	32 3/8"	MS20SB-J32FR-4000ZN		MS20SB-J32FT-4000ZN	
	5000	39 5/8"	MS20SB-J39KR-5000ZN		MS20SB-J39KT-5000ZN	
	6000	47"	MS20SB-J470R-6000ZN		MS20SB-J470T-6000ZN	
23W/IN ² STEEL PLUG	1500	10 1/4"		MS20SB-A10DL-1500ZN		MS20SB-A10DP-1500ZN
	3000	17 5/8"		MS20SB-A17KL-3000ZN		MS20SB-A17KP-3000ZN
	4500	25"		MS20SB-A250L-4500ZN		MS20SB-A250P-4500ZN
3-STEEL ELEMENT	6000	32 3/8"		MS20SB-A32FL-6000ZN		MS20SB-A32FP-6000ZN
	7500	39"		MS20SB-A39KL-7500ZN		MS20SB-A39KP-7500ZN
NEMA 1 ENCLOSURE	9000	47"		MS20SB-A470L-9000ZN		MS20SB-A470P-9000ZN
	12000	61 3/4"		MS20SB-A61ML-120CZN		MS20SB-A61MP-120CZN

Application: Mildly Corrosive Solutions, Medium Weight Oils, Heat Transfer Oils

2" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			240V 3 PH	480V 3PH
16W/IN ² 304 SS PLUG	1000	10 1/4"	MS2044-A10DL-1000ZN	MS2044-A10DP-1000ZN
	1500	14"	MS2044-A140L-1500ZN	MS2044-A140P-1500ZN
	2000	17 5/8"	MS2044-A17KL-2000ZN	MS2044-A17KP-2000ZN
	2500	21 1/4"	MS2044-A21DL-2500ZN	MS2044-A21DP-2500ZN
	3000	25"	MS2044-A250L-3000ZN	MS2044-A250P-3000ZN
3-INCOLOY [®] ELEMENT	4000	32 3/8"	MS2044-A32FL-4000ZN	MS2044-A32FP-4000ZN
	5000	39 5/8"	MS2044-A39KL-5000ZN	MS2044-A39KP-5000ZN
NEMA 1 ENCLOSURE	6000	47"	MS2044-A470L-6000ZN	MS2044-A470P-6000ZN
	8000	61 3/4"	MS2044-A61ML-8000ZN	MS2044-A61MP-8000ZN
	10000	76 3/8"	MS2044-A76FL-100CZN	MS2044-A76FP-100CZN

Application: Medium Weight Oils, Heat Transfer Oils, Paraffin

2" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			240V 3 PH	480V 3PH
16W/IN ² STEEL PLUG	1000	10 1/4"	MS20SB-A10DL-1000ZN	MS20SB-A10DP-1000ZN
	1500	14"	MS20SB-A140L-1500ZN	MS20SB-A140P-1500ZN
	2000	17 5/8"	MS20SB-A17KL-2000ZN	MS20SB-A17KP-2000ZN
	2500	21 1/4"	MS20SB-A21DL-2500ZN	MS20SB-A21DP-2500ZN
	3000	25"	MS20SB-A250L-3000ZN	MS20SB-A250P-3000ZN
3-STEEL ELEMENT	4000	32 3/8"	MS20SB-A32FL-4000ZN	MS20SB-A32FP-4000ZN
	5000	39 5/8"	MS20SB-A39KL-5000ZN	MS20SB-A39KP-5000ZN
NEMA 1 ENCLOSURE	6000	47"	MS20SB-A470L-6000ZN	MS20SB-A470P-6000ZN
	8000	61 3/4"	MS20SB-A61ML-8000ZN	MS20SB-A61MP-8000ZN
	10000	76 3/8"	MS20SB-A76FL-100CZN	MS20SB-A76FP-100CZN

Process Heaters



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Immersion Heaters

STANDARD SCREW PLUG IMMERSION HEATERS

No thermostat or sensor included in base models.

Application: Clean Water

2 ½" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			240V 3 PH	480V 3PH
60W/IN ² BRASS PLUG 3-COPPER ELEMENT NEMA 1 ENCLOSURE	3000	8 ¼"	MS2HBC-A08DL-3000ZN	MS2HBC-A08DP-3000ZN
	4500	11"	MS2HBC-A110L-4500ZN	MS2HBC-A110P-4500ZN
	6000	13 ¾"	MS2HBC-A13ML-6000ZN	MS2HBC-A13MP-6000ZN
	7500	16 ½"	MS2HBC-A16HL-7500ZN	MS2HBC-A16HP-7500ZN
	9000	19 ¼"	MS2HBC-A19DL-9000ZN	MS2HBC-A19DP-9000ZN
	12000	24 ¾"	MS2HBC-A24ML-120CZN	MS2HBC-A24MP-120CZN
	15000	30 ¼"	MS2HBC-A30DL-150CZN	MS2HBC-A30DP-150CZN
	18000	35 ¾"	MS2HBC-A35ML-180CZN	MS2HBC-A35MP-180CZN

Application: Deionized Water, Demineralized Water

2 ½" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			240V 3 PH	480V 3PH
60W/IN ² 316 SS PLUG 3-316 SS ELEMENT (PASSIVATED) NEMA 1 ENCLOSURE	3000	8 ¼"	MS2H6S-A08DL-3000ZN	MS2H6S-A08DP-3000ZN
	4500	11"	MS2H6S-A110L-4500ZN	MS2H6S-A110P-4500ZN
	6000	13 ¾"	MS2H6S-A13ML-6000ZN	MS2H6S-A13MP-6000ZN
	7500	16 ½"	MS2H6S-A16HL-7500ZN	MS2H6S-A16HP-7500ZN
	9000	19 ¼"	MS2H6S-A19DL-9000ZN	MS2H6S-A19DP-9000ZN
	12000	24 ¾"	MS2H6S-A24ML-120CZN	MS2H6S-A24MP-120CZN
	15000	30 ¼"	MS2H6S-A30DL-150CZN	MS2H6S-A30DP-150CZN
	18000	35 ¾"	MS2H6S-A35ML-180CZN	MS2H6S-A35MP-180CZN

Application: Process Water

2 ½" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			240V 3 PH	480V 3PH
48W/IN ² 304 SS PLUG 3-INCOLOY [®] ELEMENT NEMA 1 ENCLOSURE	3000	10 ⅛"	MS2H44-A10BL-3000ZN	MS2H44-A10BP-3000ZN
	4500	13 ⅞"	MS2H44-A13PL-4500ZN	MS2H44-A13PP-4500ZN
	6000	17 ½"	MS2H44-A17HL-6000ZN	MS2H44-A17HP-6000ZN
	7500	21 ⅛"	MS2H44-A21BL-7500ZN	MS2H44-A21BP-7500ZN
	9000	24 ⅞"	MS2H44-A24PL-9000ZN	MS2H44-A24PP-9000ZN
	12000	32 ¼"	MS2H44-A32DL-120CZN	MS2H44-A32DP-120CZN
	15000	39 ½"	MS2H44-A39HL-150CZN	MS2H44-A39HP-150CZN
	18000	46 ⅞"	MS2H44-A46PL-180CZN	MS2H44-A46PP-180CZN

Application: Forced Air and Gases, Caustic Solutions, Degreasing Solutions

2 ½" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			240V 3 PH	480V 3PH
23W/IN ² 304 SS PLUG 3-INCOLOY [®] ELEMENT NEMA 1 ENCLOSURE	3000	17 ½"	MS2H44-A17HL-3000ZN	MS2H44-A17HP-3000ZN
	4500	24 ⅞"	MS2H44-A24PL-4500ZN	MS2H44-A24PP-4500ZN
	6000	32 ¼"	MS2H44-A32DL-6000ZN	MS2H44-A32DP-6000ZN
	7500	39 ½"	MS2H44-A39HL-7500ZN	MS2H44-A39HP-7500ZN
	9000	46 ⅞"	MS2H44-A46PL-9000ZN	MS2H44-A46PP-9000ZN
	12000	61 ⅝"	MS2H44-A61KL-120CZN	MS2H44-A61KP-120CZN
	15000	76 ¼"	MS2H44-A76DL-150CZN	MS2H44-A76DP-150CZN

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No thermostat or sensor included in base models.

Application: Lightweight Oils, Degreasing Solutions, Heat Transfer Oils

2 1/2" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			240V 3 PH	480V 3PH
23W/IN ² STEEL PLUG	3000	17 1/2"	MS2HSB-A17HL-3000ZN	MS2HSB-A17HP-3000ZN
	4500	24 7/8"	MS2HSB-A24PL-4500ZN	MS2HSB-A24PP-4500ZN
	6000	32 1/4"	MS2HSB-A32DL-6000ZN	MS2HSB-A32DP-6000ZN
3-STEEL ELEMENT	7500	39 1/2"	MS2HSB-A39HL-7500ZN	MS2HSB-A39HP-7500ZN
	9000	46 7/8"	MS2HSB-A46PL-9000ZN	MS2HSB-A46PP-9000ZN
NEMA 1 ENCLOSURE	12000	61 5/8"	MS2HSB-A61KL-120CZN	MS2HSB-A61KP-120CZN
	15000	76 1/4"	MS2HSB-A76DL-150CZN	MS2HSB-A76DP-150CZN

Application: Mildly Corrosive Solutions, Medium Weight Oils, Heat Transfer Oils

2 1/2" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			240V 3 PH	480V 3PH
16W/IN ² 304 SS PLUG	1000	10 1/8"	MS2H44-A10BL-1000ZN	MS2H44-A10BP-1000ZN
	1500	13 7/8"	MS2H44-A13PL-1500ZN	MS2H44-A13PP-1500ZN
	2000	17 1/2"	MS2H44-A17HL-2000ZN	MS2H44-A17HP-2000ZN
	2500	21 1/8"	MS2H44-A21BL-2500ZN	MS2H44-A21BP-2500ZN
3-INCOLOY [®] ELEMENT	3000	24 7/8"	MS2H44-A24PL-3000ZN	MS2H44-A24PP-3000ZN
	4000	32 1/4"	MS2H44-A32DL-4000ZN	MS2H44-A32DP-4000ZN
NEMA 1 ENCLOSURE	5000	39 1/2"	MS2H44-A39HL-5000ZN	MS2H44-A39HP-5000ZN
	6000	46 7/8"	MS2H44-A46PL-6000ZN	MS2H44-A46PP-6000ZN

Application: Medium Weight Oils, Heat Transfer Oils, Paraffin

2 1/2" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			240V 3 PH	480V 3PH
16W/IN ² STEEL PLUG	1000	10 1/8"	MS2HSB-A10BL-1000ZN	MS2HSB-A10BP-1000ZN
	1500	13 7/8"	MS2HSB-A13PL-1500ZN	MS2HSB-A13PP-1500ZN
	2000	17 1/2"	MS2HSB-A17HL-2000ZN	MS2HSB-A17HP-2000ZN
	2500	21 1/8"	MS2HSB-A21BL-2500ZN	MS2HSB-A21BP-2500ZN
3-STEEL ELEMENT	3000	24 7/8"	MS2HSB-A24PL-3000ZN	MS2HSB-A24PP-3000ZN
	4000	32 1/4"	MS2HSB-A32DL-3000ZN	MS2HSB-A32DP-3000ZN
NEMA 1 ENCLOSURE	5000	39 1/2"	MS2HSB-A39HL-5000ZN	MS2HSB-A39HP-5000ZN
	6000	46 7/8"	MS2HSB-A46PL-6000ZN	MS2HSB-A46PP-6000ZN

Application: Bunker C and #6 Fuel Oils

2 1/2" NPT	WATTS	IMMERSION LENGTH	PART NO.	
			240V 3 PH	480V 3PH
8W/IN ² STEEL PLUG	1000	17 1/2"	MS2HSB-A17HL-1000ZN	MS2HSB-A17HP-1000ZN
	1500	24 7/8"	MS2HSB-A24PL-1500ZN	MS2HSB-A24PP-1500ZN
	2000	32 1/4"	MS2HSB-A32DL-2000ZN	MS2HSB-A32DP-2000ZN
3-STEEL ELEMENT	2500	39 1/2"	MS2HSB-A39HL-2500ZN	MS2HSB-A39HP-2500ZN
	3000	47"	MS2HSB-A47OL-3000ZN	MS2HSB-A47OP-3000ZN
NEMA 1 ENCLOSURE	4000	61 5/8"	MS2HSB-A61KL-4000ZN	MS2HSB-A61KP-4000ZN
	5000	76 1/4"	MS2HSB-A76DL-5000ZN	MS2HSB-A76DP-5000ZN

Process Heaters