



### Immersion Cartridge Heater Order List - Metric Measures

Part Number	Fitting Size	Sheath OD (mm)	Inserted Length (mm)	Watts	Volts	Watt Density (W/cm <sup>2</sup> )	Termination	Lead Wire Length (mm)
HDL00001	1/2" NPT	15.9 mm	38.1 mm	100W	120V	7.9 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00002	1/2" NPT	15.9 mm	38.1 mm	400W	240V	31.6 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00003	1/2" NPT	15.9 mm	88.9 mm	250W	120V	6.6 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00004	1/2" NPT	15.9 mm	88.9 mm	250W	240V	6.6 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00005	1/2" NPT	15.9 mm	88.9 mm	1000W	240V	26.3 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00006	1/2" NPT	15.9 mm	88.9 mm	1000W	480V	26.3 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00007	1/2" NPT	15.9 mm	200 mm	500W	120V	5.4 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00008	1/2" NPT	15.9 mm	200 mm	500W	240V	5.4 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00009	1/2" NPT	15.9 mm	200 mm	2000W	240V	21.4 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00010	1/2" NPT	15.9 mm	200 mm	2000W	480V	21.4 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00011	1/2" NPT	15.9 mm	304.8 mm	750W	120V	5.1 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00012	1/2" NPT	15.9 mm	304.8 mm	750W	240V	5.1 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00013	1/2" NPT	15.9 mm	304.8 mm	3000W	480V	20.6 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00014	1/2" NPT	15.9 mm	304.8 mm	3000W	120V	20.6 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00015	3/4" NPT	19.1 mm	108.0 mm	500W	240V	8.8 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00016	3/4" NPT	19.1 mm	108.0 mm	500W	120V	8.8 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00017	3/4" NPT	19.1 mm	108.0 mm	750W	240V	13.2 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00018	3/4" NPT	19.1 mm	108.0 mm	750W	120V	13.2 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00019	3/4" NPT	19.1 mm	108.0 mm	1000W	240V	17.2 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00020	3/4" NPT	19.1 mm	108.0 mm	1000W	240V	17.2 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00021	3/4" NPT	19.1 mm	117.5 mm	300W	120V	4.8 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00022	3/4" NPT	19.1 mm	117.5 mm	300W	240V	4.8 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00023	3/4" NPT	19.1 mm	117.5 mm	1200W	240V	19.1 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00024	3/4" NPT	19.1 mm	117.5 mm	1200W	480V	19.1 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00025	3/4" NPT	19.1 mm	120.7 mm	375W	120V	5.8 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00026	3/4" NPT	19.1 mm	120.7 mm	375W	240V	5.8 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00027	3/4" NPT	19.1 mm	120.7 mm	1500W	240V	23.2 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00028	3/4" NPT	19.1 mm	120.7 mm	1500W	480V	23.2 W/cm <sup>2</sup>	CMA	254.0 mm
HDL00029	3/4" NPT	19.1 mm	146.1 mm	500W	120V	6.3 W/cm <sup>2</sup>	CMA	254.0 mm

HDL00030	3/4" NPT	19.1 mm	146.1 mm	500W	240V	6.3 W/cm2	CMA	254.0 mm
HDL00031	3/4" NPT	19.1 mm	146.1 mm	2000W	240V	25.1 W/cm2	CMA	254.0 mm
HDL00032	3/4" NPT	19.1 mm	146.1 mm	2000W	480V	25.1 W/cm2	CMA	254.0 mm
HDL00033	3/4" NPT	19.1 mm	158.8 mm	500W	120V	5.7 W/cm2	CMA	254.0 mm
HDL00034	3/4" NPT	19.1 mm	158.8 mm	500W	240V	5.7 W/cm2	CMA	254.0 mm
HDL00035	3/4" NPT	19.1 mm	158.8 mm	2000W	240V	22.9 W/cm2	CMA	254.0 mm
HDL00036	3/4" NPT	19.1 mm	158.8 mm	2000W	480V	22.9 W/cm2	CMA	254.0 mm
HDL00037	3/4" NPT	19.1 mm	165.1 mm	625W	120V	6.9 W/cm2	CMA	254.0 mm
HDL00038	3/4" NPT	19.1 mm	165.1 mm	625W	240V	6.9 W/cm2	CMA	254.0 mm
HDL00039	3/4" NPT	19.1 mm	165.1 mm	2500W	240V	27.4 W/cm2	CMA	254.0 mm
HDL00040	3/4" NPT	19.1 mm	165.1 mm	2500W	480V	27.4 W/cm2	CMA	254.0 mm
HDL00041	3/4" NPT	19.1 mm	184.2 mm	750W	120V	7.3 W/cm2	CMA	254.0 mm
HDL00042	3/4" NPT	19.1 mm	184.2 mm	750W	240V	7.3 W/cm2	CMA	254.0 mm
HDL00043	3/4" NPT	19.1 mm	184.2 mm	3000W	24V	29.2 W/cm2	CMA	254.0 mm
HDL00044	3/4" NPT	19.1 mm	184.2 mm	3000W	480V	29.2 W/cm2	CMA	254.0 mm
HDL00045	3/4" NPT	19.1 mm	228.6 mm	1000W	120V	7.7 W/cm2	CMA	254.0 mm
HDL00046	3/4" NPT	19.1 mm	228.6 mm	1000W	240V	7.7 W/cm2	CMA	254.0 mm
HDL00047	3/4" NPT	19.1 mm	228.6 mm	4000W	240V	31.0 W/cm2	CMA	254.0 mm
HDL00048	3/4" NPT	19.1 mm	228.6 mm	4000W	480V	31.0 W/cm2	CMA	254.0 mm
HDL00049	3/4" NPT	19.1 mm	266.7 mm	750W	120V	4.9 W/cm2	CMA	254.0 mm
HDL00050	3/4" NPT	19.1 mm	266.7 mm	750W	240V	4.9 W/cm2	CMA	254.0 mm
HDL00051	3/4" NPT	19.1 mm	266.7 mm	3000W	240V	19.7 W/cm2	CMA	254.0 mm
HDL00052	3/4" NPT	19.1 mm	266.7 mm	3000W	480V	19.7 W/cm2	CMA	254.0 mm
HDL00053	3/4" NPT	19.1 mm	273.1 mm	1250W	120V	8.0 W/cm2	CMA	254.0 mm
HDL00054	3/4" NPT	19.1 mm	273.1 mm	1250W	240V	8.0 W/cm2	CMA	254.0 mm
HDL00055	3/4" NPT	19.1 mm	273.1 mm	5000W	240V	32.1 W/cm2	CMA	254.0 mm
HDL00056	3/4" NPT	19.1 mm	273.1 mm	5000W	480V	32.1 W/cm2	CMA	254.0 mm
HDL00057	3/4" NPT	19.1 mm	317.5 mm	1500W	240V	8.2 W/cm2	CMA	254.0 mm
HDL00058	3/4" NPT	19.1 mm	317.5 mm	6000W	480V	32.9 W/cm2	CMA	254.0 mm
HDL00059	3/4" NPT	19.1 mm	346.1 mm	1000W	120V	5.0 W/cm2	CMA	254.0 mm
HDL00060	3/4" NPT	19.1 mm	346.1 mm	1000W	240V	5.0 W/cm2	CMA	254.0 mm
HDL00061	3/4" NPT	19.1 mm	346.1 mm	4000W	240V	20.0 W/cm2	CMA	0.0 mm
HDL00062	3/4" NPT	19.1 mm	346.1 mm	4000W	480V	20.0 W/cm2	CMA	0.0 mm

HDL00063	3/4" NPT	19.1 mm	406.4 mm	2000W	240V	8.5 W/cm2	CMA	0.0 mm
HDL00064	3/4" NPT	19.1 mm	406.4 mm	8000W	480V	34.0 W/cm2	CMA	0.0 mm
HDL00065	3/4" NPT	19.1 mm	489.0 mm	2500W	240V	8.8 W/cm2	CMA	0.0 mm
HDL00066	3/4" NPT	19.1 mm	489.0 mm	10000W	480V	35.1 W/cm2	CMA	0.0 mm
HDL00067	1/2" NPT	15.9 mm	38.1 mm	400W	240V	31.6 W/cm2	CMA	0.0 mm
HDL00068	1/2" NPT	15.9 mm	88.9 mm	1000W	240V	26.3 W/cm2	CMA	0.0 mm
HDL00069	1/2" NPT	15.9 mm	88.9 mm	1000W	480V	26.3 W/cm2	CMA	0.0 mm
HDL00070	1/2" NPT	15.9 mm	200.0 mm	2000W	240V	21.4 W/cm2	CMA	0.0 mm
HDL00071	1/2" NPT	15.9 mm	200.0 mm	2000W	480V	21.4 W/cm2	CMA	0.0 mm
HDL00072	1/2" NPT	15.9 mm	304.8 mm	3000W	240V	20.6 W/cm2	CMA	0.0 mm
HDL00073	1/2" NPT	15.9 mm	304.8 mm	3000W	480V	20.6 W/cm2	CMA	0.0 mm
HDL00074	3/4" NPT	19.1 mm	108.0 mm	2000W	240V	35.1 W/cm2	CMA	0.0 mm
HDL00075	3/4" NPT	19.1 mm	108.0 mm	2000W	480V	35.1 W/cm2	CMA	0.0 mm
HDL00076	3/4" NPT	19.1 mm	108.0 mm	3000W	240V	52.6 W/cm2	CMA	0.0 mm
HDL00077	3/4" NPT	19.1 mm	108.0 mm	3000W	480V	52.6 W/cm2	CMA	0.0 mm
HDL00078	3/4" NPT	19.1 mm	108.0 mm	4000W	240V	70.2 W/cm2	CMA	0.0 mm
HDL00079	3/4" NPT	19.1 mm	108.0 mm	4000W	480V	70.2 W/cm2	CMA	0.0 mm
HDL00080	3/4" NPT	19.1 mm	117.5 mm	1200W	240V	19.1 W/cm2	CMA	0.0 mm
HDL00081	3/4" NPT	19.1 mm	117.5 mm	1200W	480V	19.1 W/cm2	CMA	0.0 mm
HDL00082	3/4" NPT	19.1 mm	120.7 mm	1500W	240V	23.2 W/cm2	CMA	0.0 mm
HDL00083	3/4" NPT	19.1 mm	120.7 mm	1500W	480V	23.2 W/cm2	CMA	0.0 mm
HDL00084	3/4" NPT	19.1 mm	146.1 mm	2000W	240V	25.1 W/cm2	CMA	0.0 mm
HDL00085	3/4" NPT	19.1 mm	146.1 mm	2000W	480V	25.1 W/cm2	CMA	0.0 mm
HDL00086	3/4" NPT	19.1 mm	158.8 mm	2000W	240V	22.9 W/cm2	CMA	0.0 mm
HDL00087	3/4" NPT	19.1 mm	158.8 mm	2000W	480V	22.9 W/cm2	CMA	0.0 mm
HDL00088	3/4" NPT	19.1 mm	165.1 mm	2500W	240V	27.4 W/cm2	CMA	0.0 mm
HDL00089	3/4" NPT	19.1 mm	165.1 mm	2500W	480V	27.4 W/cm2	CMA	0.0 mm
HDL00090	3/4" NPT	19.1 mm	184.2 mm	3000W	240V	29.2 W/cm2	CMA	0.0 mm
HDL00091	3/4" NPT	19.1 mm	184.2 mm	3000W	480V	29.2 W/cm2	CMA	0.0 mm
HDL00092	3/4" NPT	19.1 mm	228.6 mm	4000W	240V	31.0 W/cm2	CMA	0.0 mm
HDL00093	3/4" NPT	19.1 mm	228.6 mm	4000W	480V	31.0 W/cm2	CMA	0.0 mm
HDL00094	3/4" NPT	19.1 mm	266.7 mm	3000W	240V	19.7 W/cm2	CMA	0.0 mm
HDL00095	3/4" NPT	19.1 mm	266.7 mm	3000W	480V	19.7 W/cm2	CMA	0.0 mm

<b>HDL00096</b>	3/4" NPT	19.1 mm	273.1 mm	5000W	240V	32.1 W/cm2	CMA	0.0 mm
<b>HDL00097</b>	3/4" NPT	19.1 mm	273.1 mm	5000W	480V	32.1 W/cm2	CMA	0.0 mm
<b>HDL00098</b>	3/4" NPT	19.1 mm	317.5 mm	6000W	480V	32.9 W/cm2	CMA	0.0 mm
<b>HDL00099</b>	3/4" NPT	19.1 mm	346.1 mm	4000W	240V	20.0 W/cm2	CMA	0.0 mm
<b>HDL00100</b>	3/4" NPT	19.1 mm	346.1 mm	4000W	480V	20.0 W/cm2	CMA	0.0 mm
<b>HDL00101</b>	3/4" NPT	19.1 mm	406.4 mm	8000W	480V	34.0 W/cm2	CMA	0.0 mm
<b>HDL00102</b>	3/4" NPT	19.1 mm	489.0 mm	10000W	480V	35.1 W/cm2	CMA	0.0 mm