

Art. Nr.	Size	Resistivity	Eff. Area	Max. Power	Max. Voltage	Max. Current	Wires	Cable length
	mm x mm	Ohm	cm ²	W	V	A		
317-KAPH-1/1	25.4 x 25.4	78,4	5,3	42,4	57	0,74	PTFE	300mm
317-KAPH-1/2	25,4 x 50,8	39,2	11,4	91,2	59	1,53	PTFE	300mm
317-KAPH-2/2	50,8 x 50,8	185	23,2	185,6	185	1,00	PTFE	300mm
317-KAPH-4/4	102 x 102	42,9	98,1	784,8	183	4,28	PTFE	300mm
317-KAPH-0.5	12,7ø	26,1	1	8	14	0,55	PTFE	300mm
317-KAPH-15x56	15 x 56	40	3,7	29,6	34	0,86	311-KAPM-035	500mm *)
317-KAPH-25x56	25 x 56	80	7,7	61,6	70	0,88	311-KAPM-035	500mm *)
317-KAPH-38x56	38 x 56	120	12	96	107	0,89	311-KAPM-035	500mm *)
317-KAPH-46x56	46 x 56	160	15,8	126,4	142	0,89	311-KAPM-035	500mm *)
317-KAPH-66x56	66 x 56	240	23,7	189,6	213	0,89	311-KAPM-035	500mm *)
317-KAPH-38	38 ø	75	6,6	52,8	62	0,84	311-KAPM-035	500mm *)
317-KAPH-19x48	19 x 48	5,5	0,3	2,4	3,6	0,66	311-KAPM-035	500mm *)
317-KAPH-15x48	15 x 48	15	1,4	11,2	12	0,86	311-KAPM-035	500mm *)
317-KAPH-66	66 ø	275	29	232	252	0,92	311-KAPM-035	500mm *)
317-KAPH-66x76	66 x 76	360	36,1	288,8	322	0,90	311-KAPM-035	500mm *)
317-KAPH-46x76	46 x 76	240	24,2	193,6	215	0,90	311-KAPM-035	500mm *)
317-KAPH-38x76	38 x 76	180	18,5	148	163	0,91	311-KAPM-035	500mm *)
317-KAPH-25x76	25 x 76	120	12,1	96,8	107	0,90	311-KAPM-035	500mm *)
317-KAPH-15x76	15 x 76	60	6,1	48,8	54	0,90	311-KAPM-035	500mm *)

*) other cables or lengths are available on request

Remarks:

Values are max. Values at 40°C, assuming good thermal contact to mounting plate.

Power must be reduced with temperature. For 120°C use 55%, for 160°C 20% of given power values

Typical running values are much lower!

Example: The 66x76mm heater reaches 200°C on a small copper plate at ~40V,
to reach the temperature, not more than ~50V are required.

This is less than 20% of the max. value!

We recommend to use a thermocouple to control the temperature of the heater to avoid
overheating. **Max. temperature is 200°C.**

Heaters with KAPM-wires have a ~12.5mm wide contact area for cable connection, this area is not heated.

PTFE wires are 300mm, type and length cannot be changed.