

Warranty Certificate

Installation Address:		Installed Product:	
Name property owner:		Part no/EAN no:	Batch no:
Adres:		Product Type:	
Zip code / Town:		Watt:	Watt/m:
Country:		Others:	
Tph no:			
Installation facts:			
Inside pipe	Plastic pipe	Adhesive material outside pipe:	Pipe dimension:
Outside pipe	Metall pipe	Insulation thickness outside pipe:	RCD:
Purchasing place:		Installer:	
Company name:		Company name:	
Town/Country:		Company register no.:	
Tph no:		Installers name:	
Purchasing date/Invoice no:		Adres:	
Installed date:		Town/Country:	
Signature installer:		Tph no:	
Drawing of installation area. Installation pattern. Where splices are located:			

INST0101013 100312

Installation Instruction KIMA Plug In

- **KIMA Plug In** heating cable for frostprotection of waterpipes.
- Only for temporary installation inside or outside waterpipe.
- Flameretardent selflimiting heatingcable.
- Approved to be installed in or on the water pipe.
- Mecanical strength; armoured class C according to EN60800.
- Type 91-5
- Insulation class I
- IP67
- Operating temperature max +50°C
- Min installation temperature -15°C
- Max water pressure 5,6 bar when heating cable are installed in the waterpipe.
- Voltage 230 Volt.
- Wattage 11 W/m at +5°C
- 88 mAmp/m current operation at -10°C
- 2 m coldtail with plug.
- Manufactured according to standard EN60335-1 and EN60800.
- Complies with RoHs directive 2002/95/EC.



Part no.	EAN no.	Product Type	Length (m)	Wattage (W)
E 89 875 86	7331002911012	KIMA Plug In	2	20
E 89 875 87	7331002911029	KIMA Plug In	4	40
E 89 875 88	7331002911036	KIMA Plug In	6	60
E 89 875 89	7331002911043	KIMA Plug In	8	80
E 89 875 90	7331002911050	KIMA Plug In	10	100
E 89 875 91	7331002911067	KIMA Plug In	13	130
E 89 875 92	7331002911074	KIMA Plug In	16	160
E 89 875 93	7331002911081	KIMA Plug In	19	190
E 89 875 94	7331002911098	KIMA Plug In	22	220
E 89 875 95	7331002911104	KIMA Plug In	25	250



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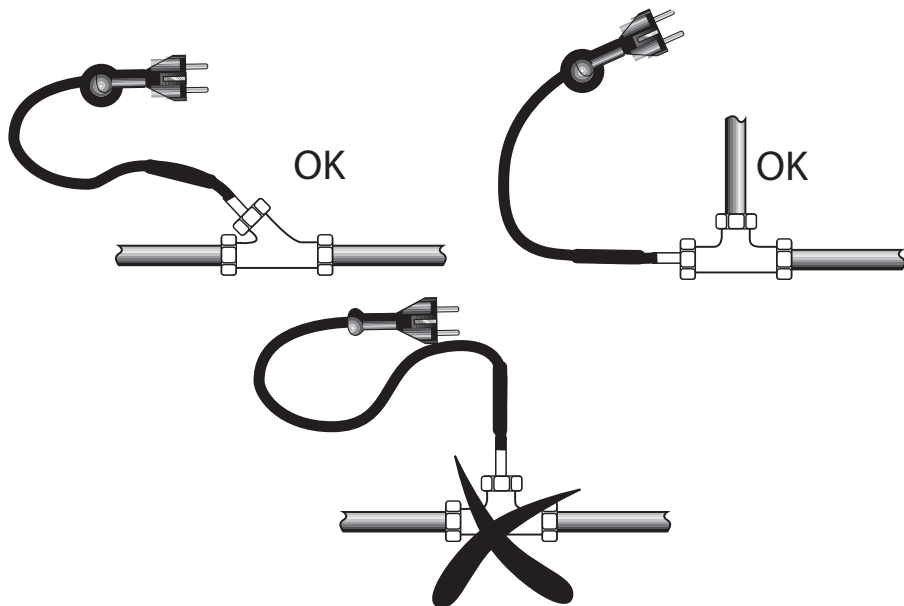


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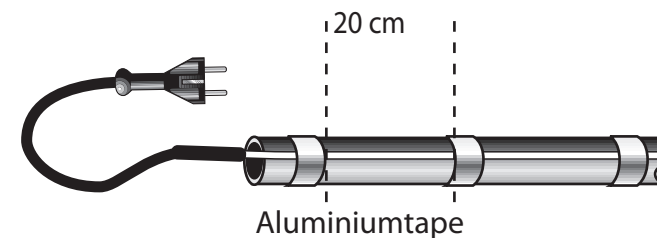
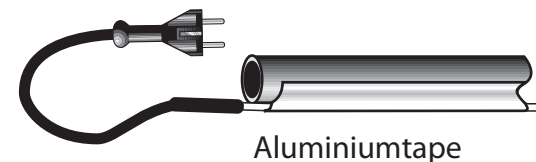
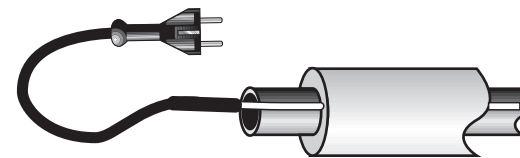
General Instructions

- **KIMA Plug In** is a selflimiting heatingcable with plug and shall be installed according to the installation instruction.
- **KIMA Plug In** is only for temporary installation inside or outside waterpipe.
- Min temperature for energizing **KIMA Plug In** is -15°C .
- Min installation temperature -15°C .
- Max operating temperature $+50^{\circ}\text{C}$.
- **KIMA Plug In** should only be energized when there is a risk for freezing, pipe temperature lower than $+5^{\circ}\text{C}$. **KIMA Plug In** should be regulated by a thermostat and the sensor installed on the pipe.
- With **KIMA Plug In** shall a RCD 30 mA be used.
- Max water pressure 5,6 bar when heatingcable are installed in the waterpipe.
- The water should be clean so their will be no reaction with the heatingcable.
- If the product gets damaged the whole product must be scrapped. The coldtail and plug should not be changed.
- **KIMA Plug In** should never be covered with any flammable material.
- To achive best frost protection performance use thermal insulation around water pipe..
- **KIMA Plug In** should be connected to 230 V.
- **KIMA Plug In** can not be crossed.

Installation inside waterpipe



Installation outside waterpipe



KIMA Warranty

The Warranty will not be valid if the installation is not done according to the following:

- If the buyer of the **KIMA Plug In** fails to contact the place the cable has been purchased from.
- KIMA should be able to do the fault tracing and analyse, decide and explain the reason for the failure. Fault tracing and repairing can not be done by anybody else if not KIMA have confirmed it with written paper.
- Installation should be done according to KIMAs installation instruction.
- Warranty Certificate should completed with all information.
- A RCD 30 mA shall be used.

