



## Air duct heater

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### Application

Heating Group International electric air duct heaters are especially designed for air heating in general, space heating, process air systems, drying, for use in HVAC systems and in (professional) air conditioning systems. More and more the Heating Group air duct heaters are also used for the heating of passive houses and so-called zero-on-the-meter livings. That is mostly done in combination with heat recovery, heat-coldstorage (WKO) systems and off course in combination with green energy supply, like solar panels.

### Technical description

Heating Group International air duct heaters consist of a zinc plated tube with rubber sealing (L= 400mm) and a cast aluminum connection box. For standard duct heaters we use a heating element made of AISI304, but off course for other applications other element materials can be used. The air duct heater is available in a single phase execution (direct switching) and a three phase version (switching over a built in relay) and can be delivered as a standard ranging from 500W up to 12 kW. Bespoke heaters can be made up to 5 MW. Standard the Heating Group International air duct heater is delivered with a control thermostat with automatic reset (30-110°C) and a limiter with hand reset (123°C). The air duct heaters are available with IP zone classification IP22 (with control on the connection box) and IP65 (with control in the connection box).



## Type table

### Air duct heaters in single phase execution

1x230V	500W	1000W	1500W	2000W	2500W	3000W
Ø100mm	X	X	X			
Ø125mm	X	X	X	X		
Ø160mm	X	X	X	X	X	
Ø200mm	X	X	X	X	X	X
Ø250mm	X	X	X	X	X	X

### Air duct heaters in single phase execution

3x400V	1500W	3000W	4500W	6000W	9000W	12000W
Ø100mm	X					
Ø125mm	X	X				
Ø160mm	X	X	X			
Ø200mm	X	X	X	X		
Ø250mm	X	X	X	X	X	
Ø315mm	X	X	X	X	X	X
Ø355mm	X	X	X	X	X	X
Ø400mm	X	X	X	X	X	X

## Application

- Execution without thermostat
- External thermostat
- Connection to Building Management System
- Different power output
- Different power supply
- Different diameters
- Explosion proof versions for use in hazardous area

