

Airtherm air heater

100 °C



Air heater with highly flexible connector hose

The Airtherm air heater was designed specifically to heat compressed air. The air is heated in the connector head, which is equipped with a ceramic heating element and corresponding sensor. The feed connection is by way of a highly flexible hose, in which both compressed air and the power cable are integrated. Separation of air and electrics takes place in a connector housing.

Operating temperature:	20 to 100°C
Rated voltage:	230 V AC / 50 Hz
Rated power:	500 W
Connecting thread:	G 1/4"
Air pressure range:	1 to 8 bar
Protection class:	IP 54 (EN 60529)
Manufacturing lengths:	2.5 m, 5.0 m, 7.5 m, 10 m (Special lengths on request)

Depending on the requirements, the air temperature can be set up to max. 100°C (measured at the pistol nozzle). The compact form permits easy integration into existing systems.

Applications:

Painting technology:

Automatic paint spraying systems, painting robots, manual spraying, prevention of condensation;

Breathing air heating (protective wear):

In fire fighting, chemical industry, tank cleaning, ...

General mechanical engineering

Depending on the connector housing version, the Airtherm is also suitable for use in explosive environments. The power cable is 2 metres long and modified for connection to a controller specifically conceived for this application.

For control purposes use our HT 40 controllers, the HT 55L with special air handling software (permits connection of 2 Airtherms), or an appropriately certified Airtherm controller for the explosion-proof application (EEX E II 200°C T 3) (installed outside the explosive environment zone).