

## EHC PTC

### ELECTRIC DUCT HEATER WITH PTC HEATING ELEMENTS

#### Benefits:

1. Self-regulating and safe PTC heating element.
2. Small heater size.
3. Low-pressure drop.

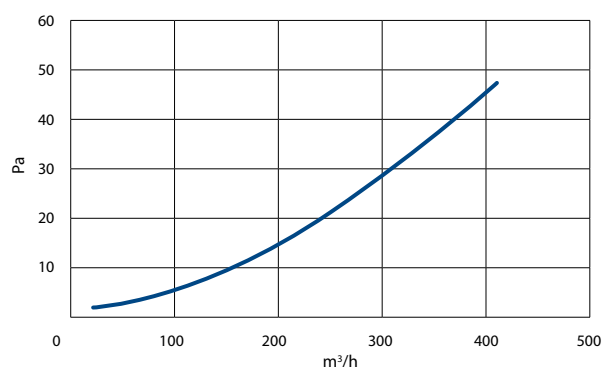
The electric circular duct heaters/preheaters with PTC heating elements are intended to be used for heating clean air in the ventilation systems. Also, heaters/preheaters can be used for heating or preheating function with air-handling units. The heaters/preheaters can be supplied with or without the installed electronic controller, with a pressure and flow monitoring system, or produced according to the client's requirements. The heater/preheater cases are produced from aluzinc-coated metal sheets, sealing rubber for a tight connection with the ventilation duct system.



#### Technical data:

- Voltage: 1~230 V, 50 Hz.
- Output power: 500-2000 W.
- Diameter: 125-200 mm.
- Degree of protection: IP44.
- Electronic controllers types (if equipped): setpoint internal with one duct temperaturesensor (model SI), setpoint external with one duct temperature sensor (model SE), control signal 0-10 VDC external (model CE), FC - flow and
- pressure control.
- Pressure monitoring switch range (if equipped): 0-200 Pa (model SR200).
- Lowest air temperature: -30 °C.
- Not intended to be used for salty air heating.

#### Pressure drop:



#### Circular duct heaters (0...+30) with PTC heating element

EHC PTC 125	EHC PTC 160	EHC PTC 200
EHC PTC 125/0.5/1	EHC PTC 160/1.0/1	EHC PTC 200/2.0/1
EHC PTC 125/0.5/1/CE (0...+30)	EHC PTC 160/1.0/1/CE (0...+30)	EHC PTC 200/2.0/1/CE (0...+30)
EHC PTC 125/0.5/1/SE (0...+30)	EHC PTC 160/1.0/1/SE (0...+30)	EHC PTC 200/2.0/1/SE (0...+30)
EHC PTC 125/0.5/1/SI (0...+30)	EHC PTC 160/1.0/1/SI (0...+30)	EHC PTC 200/2.0/1/SI (0...+30)
EHC PTC 125/0.5/1/.../FC (0...+30)	EHC PTC 160/1.0/1/.../FC (0...+30)	EHC PTC 200/2.0/1/.../FC (0...+30)

#### Circular duct preheaters (-10...+20) with PTC heating element

EHC PTC 125	EHC PTC 160	EHC PTC 200
EHC PTC 125/0.5/1/CE (-10...+20)	EHC PTC 160/1.0/1/CE (-10...+20)	EHC PTC 200/2.0/1/CE (-10...+20)
EHC PTC 125/0.5/1/SE (-10...+20)	EHC PTC 160/1.0/1/SE (-10...+20)	EHC PTC 200/2.0/1/SE (-10...+20)
EHC PTC 125/0.5/1/SI (-10...+20)	EHC PTC 160/1.0/1/SI (-10...+20)	EHC PTC 200/2.0/1/SI (-10...+20)
EHC PTC 125/0.5/1/.../FC (-10...+20)	EHC PTC 160/1.0/1/.../FC (-10...+20)	EHC PTC 200/2.0/1/.../FC (-10...+20)