

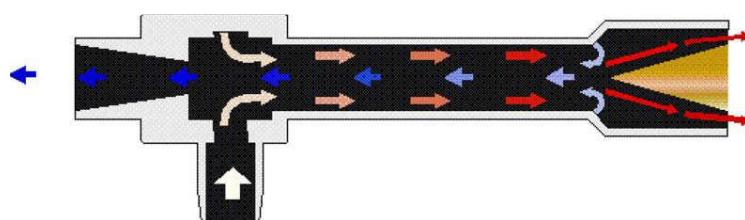
## Technical Note

### optris CoolingJacket Advanced with Vortex cooler

This cooling concept is using the optris CoolingJacket Advanced in combination with a Vortex cooler for creating a temperature difference of ~50 K.

#### What is a Vortex cooler?

A Vortex cooler is a low cost, reliable, maintenance free solution for industrial cooling problems. Using an ordinary supply of compressed air as a power source, vortex tubes create two streams of air, one hot and one cold, with no moving parts.



Source: [www.exair.com](http://www.exair.com)

#### Recommendation

Vortex Tube small BP 3204

- 113 l/min air stream
- 80 W cooling power
- Temperature difference in combination with cooling jacket: 50K
- Price: approx. 250 €

#### Supplier

[www.exair.com](http://www.exair.com)

For a connection of the Vortex cooler to the optris CoolingJacket Advanced an 1/4 inch double fitting is required.

Please use oil-free, technically clean air only.