

Compressed air cooler BEKOBLIZZ LC

BEKOBLIZZ LC is installed in applications where cold compressed air is used in cooling processes. The aim to reduce cycle times, increase production rates and therefore be more cost efficient is easily achieved by cooling compressed air using BEKOBLIZZ LC. As a result the payback time of the investment is usually less than 12 month.

Using state of the art refrigeration technology compressed air is cooled down to +5°C by BEKOBLIZZ LC. Condensate which results from this process is efficiently drained of without compressed air loss by BEKOMAT. The whole concept and all technical features in detail are designed to save pressure drop, compressed air loss and power consumption.

Using a non-corrosive stainless steel plate heat exchanger guarantees a long life time and stable cooling results. To ensure a trouble-free operation the refrigeration circuit is protected by high grade pressure switches. This cooling process is very efficient and does not need any CO2 or N2.

To prevent loss of cooling energy we recommend to keep the connection between BEKOBLIZZ LC and the application short and insulated.

Advantages at a glance

Energy and cost efficient without compromise

- reduced cycle times by efficient use of cold compressed air
- no compressed air losses using BEKOMAT for condensate draining
- lowest pressure drop due to flow-optimized heat exchanger design
- minimized energy consumption thanks to optimized refrigeration compressor technology

Reliability and safety at any time

- easy to handle cooling agent compared to CO2 and N2
- very stable compressed air temperature even under varying conditions
- controlled draining of condensate thanks to BEKOMAT
- optimal protection of refrigerant cycle by Danfoss pressure switches

Easy operations and maintenance - all on one display:

- overview of operational conditions during the process
- control of condensate drainage
- alarm log
- service information and maintenance reminder

用心翻译每一天!