



Air Cooled Coolers



Air Cooled Coolers

Our solutions cover the oil and gas industry, power generation, waste heat, gas storage and transport, liquefying of industrial gases, etc. Benvig® Heat Transfer is well experienced in the design and manufacture of Air Cooled Coolers with all kinds of special materials according to international standards.

Benvig®'s solutions can satisfy many requirements, such as high pressure, corrosive environments, temperature range from -196 °C up to more than 500 °C.

Header design

- ⬢ Plug Header
- ⬢ Cover Plate Header
- ⬢ Welded D-Header
- ⬢ Manifold Header
- ⬢ Bonnet Header
- ⬢ Drilled Header

Finned tubes design

- ⬢ G-FIN (Al strips)
- ⬢ L-FIN (Al strips)
- ⬢ LL-FIN (Al strips)
- ⬢ KL-FIN (Al strips)
- ⬢ I-FIN (CS strips)
- ⬢ Extruded (Al strips)

Tube shape

- ⬢ Straight tubes
- ⬢ U-Tubes

Technical parameters and important details

- ⬢ Tube length up to 18 m
(longer is possible with special arrangements)
- ⬢ Design for corrosive fluids possible
(Wet sour service, Lethal Service)
- ⬢ Delivery in the preassembled condition upon request
- ⬢ Tube diameter: 19.05 ÷ 50.8 mm

Materials for pressure parts

Carbon Steel | Stainless Steel | Duplex Steel
Copper | Brass | Titanium | Special Alloys
(mainly used 825 and 625) | Weld-Overlay
(cladding) of internal space of headers combining
carbon steel and high alloyed materials

Design of Air Cooled Coolers

HTRI / HTFS thermal calculations | API 661 | ASME | EN | TR-CU | ATEX
(94/9/EC) | Upon request, CFD possible

Design of fan units

 Direct Drive | Belt Transmission and Gear Box

Czech Republic

(Headquarters)

Benvig Heat Transfer, spol. s r.o.
Děčínská 288
Benešov nad Ploučnicí, 407 22
Czech Republic

Phone: +420 412 590 511
Phone: +420 412 590 515
(Sales Department)
Phone: +420 412 590 550
(Purchasing Department)

Fax: +420 412 586 360
Email: info@benvig.cz
Email: sales@benvig.cz

IČO: 14867125
DIČ: CZ14867125

Czech Republic

(Branch office)

BENVIG Heat Transfer, spol. s r.o.
Kolbenova 882/5a
Praha 9, 190 00 (floor 3)
Czech Republic

Phone: +420 234 256 403

Russia

OOO Benvig Heat Transfer
Odesskaya str., 2 (Building C)
Office Centre LOTOS (Floor 13)
117 638 Moscow
Russia

Phone: +7 495 641 95 55
Fax: +7 495 641 95 54
Email: info@benvig.ru

**Our roots are in Czech,
but we work internationally...**

WWW.BENVIG.CZ



*Former BRONSWERK HEAT
TRANSFER Czech