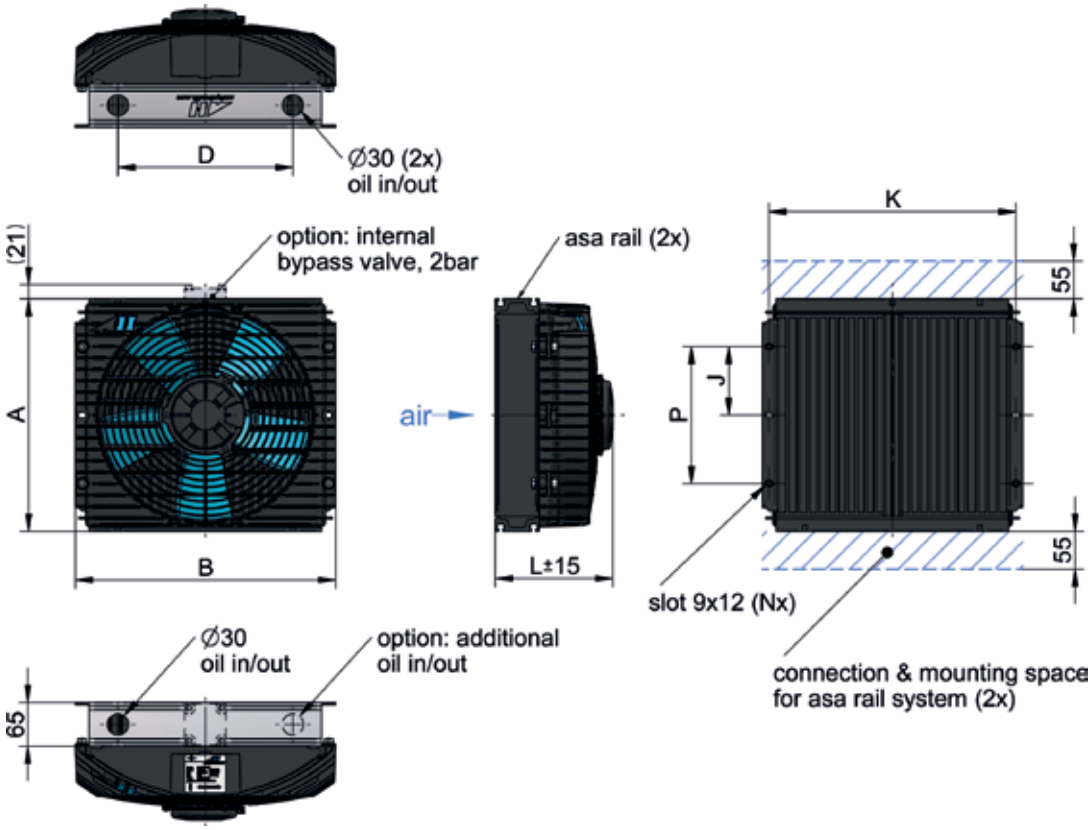
# TT Series Oil / Air Cooler
## 12V/24V DC, asa rail system




## Dimensions

| order number | description | A | B | D | J | P | K | L | N | weight |
|---|---|---|---|---|---|---|---|---|---|---|
| | | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | [mm] | | [kg] |
| ASATT05RD01 | TT 05 rail 12V DC | 235 | 245 | 118 | - | 150 | 225 | 150 | 4 | 4,3 |
| ASATT05RD02 | TT 05 rail 24V DC | 235 | 245 | 118 | - | 150 | 225 | 150 | 4 | 4,3 |
| ASATT07RD01 | TT 07 rail 12V DC | 300 | 320 | 176 | - | 172 | 290 | 160 | 4 | 6,5 |
| ASATT07RD02 | TT 07 rail 24V DC | 300 | 320 | 176 | - | 172 | 290 | 160 | 4 | 6,5 |
| ASATT07RD03 | TT 07 rail 12V DC h.p. | 300 | 320 | 176 | - | 172 | 290 | 176 | 4 | 7,0 |
| ASATT07RD04 | TT 07 rail 24V DC h.p. | 300 | 320 | 176 | - | 172 | 290 | 176 | 4 | 7,0 |
| ASATT11RD01 | TT 11 rail 12V DC | 340 | 380 | 255 | 100 | 200 | 360 | 175 | 6 | 9,2 |
| ASATT11RD02 | TT 11 rail 24V DC | 340 | 380 | 255 | 100 | 200 | 360 | 175 | 6 | 9,2 |
| ASATT13RD01 | TT 13 rail 12V DC | 420 | 410 | 255 | - | 233 | 386 | 200 | 4 | 12,0 |
| ASATT13RD02 | TT 13 rail 24V DC | 420 | 410 | 255 | - | 233 | 386 | 200 | 4 | 12,0 |
| ASATT16RD01 | TT 16 rail 12V DC | 465 | 460 | 328 | 153 | 306 | 436 | 190 | 6 | 14,9 |
| ASATT16RD02 | TT 16 rail 24V DC | 465 | 460 | 328 | 153 | 306 | 436 | 190 | 6 | 14,9 |
| ASATT21RD01 | TT 21 rail 12V DC | 605 | 462 | 328 | 208,5 | 417 | 436 | 243 | 6 | 19,4 |
| ASATT21RD02 | TT 21 rail 24V DC | 605 | 462 | 328 | 208,5 | 417 | 436 | 243 | 6 | 19,4 |
| ASATT21RD03 | TT 21 rail 12V DC h.p. | 605 | 462 | 328 | 208,5 | 417 | 436 | 261 | 6 | 20,4 |
| ASATT21RD04 | TT 21 rail 24V DC h.p. | 605 | 462 | 328 | 208,5 | 417 | 436 | 261 | 6 | 20,4 |
| ASATT25RD01 | TT 25 rail 12V DC | 605 | 555 | 422 | 208,5 | 417 | 530 | 266 | 6 | 22,7 |
| ASATT25RD02 | TT 25 rail 24V DC | 605 | 555 | 422 | 208,5 | 417 | 530 | 266 | 6 | 22,7 |

## Radiator Style B

| | |
|---|---|
| material: | aluminum |
| working temperature range: | –20°C to +80°C (oil temperature)* |
| air fin shape: | wavy |
| working pressure: | 26 bar (static) |

## Installation System (see more information on page 32)

| | |
|---|---|
| connection BSP 1” | ILLZSET5G25 (1 set per cooler required) |
| connection BSP 1 ¼” | ILLZSET5G32 (1 set per cooler required) |
| connection BSP 1” straight | ILLZSET5G25A (1 set per cooler required) |
| connection BSP 1” straight+stnd. | ILLZSET5G25B (1 set per cooler required) |

*...the indicated temperature is the maximum inlet temperature for the cooler radiator. Depending on the sealings in use, the application needs appropriate checking.

# TT Series Oil / Air Cooler
## 12V / 24V DC, asa rail system

## Technical Data

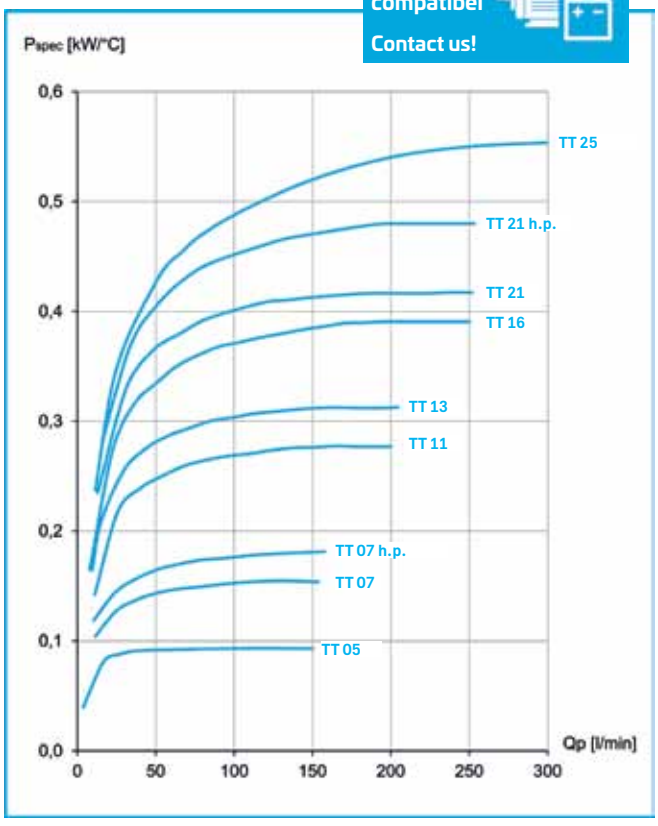
| order number | description | motor power | current | protection | air flow | noise level | optional internal bypass (2 bar) |
|---|---|---|---|---|---|---|---|
| | | [kW] | [A] | | [kg/s] | [dB(A)] | cooler order number |
| ASATT05RD01 | TT 05 rail 12V DC | 0,11 | 8,5 | IP 68 | 0,19 | 74 | on request |
| ASATT05RD02 | TT 05 rail 24V DC | 0,11 | 4,2 | IP 68 | 0,19 | 74 | on request |
| ASATT07RD01 | TT 07 rail 12V DC | 0,13 | 9,6 | IP 68 | 0,32 | 74 | ASATT07RD01BP |
| ASATT07RD02 | TT 07 rail 24V DC | 0,14 | 5,2 | IP 68 | 0,32 | 74 | ASATT07RD02BP |
| ASATT07RD03 | TT 07 rail 12V DC h.p. | 0,20 | 15,6 | IP 68 | 0,40 | 78 | ASATT07RD03BP |
| ASATT07RD04 | TT 07 rail 24V DC h.p. | 0,21 | 8,1 | IP 68 | 0,40 | 78 | ASATT07RD04BP |
| ASATT11RD01 | TT 11 rail 12V DC | 0,29 | 22,6 | IP 68 | 0,57 | 77 | ASATT11RD01BP |
| ASATT11RD02 | TT 11 rail 24V DC | 0,30 | 11,4 | IP 68 | 0,57 | 77 | ASATT11RD02BP |
| ASATT13RD01 | TT 13 rail 12V DC | 0,29 | 22,6 | IP 68 | 0,65 | 77 | ASATT13RD01BP |
| ASATT13RD02 | TT 13 rail 24V DC | 0,30 | 11,4 | IP 68 | 0,65 | 77 | ASATT13RD02BP |
| ASATT16RD01 | TT 16 rail 12V DC | 0,28 | 21,2 | IP 68 | 0,75 | 79 | ASATT16RD01BP |
| ASATT16RD02 | TT 16 rail 24V DC | 0,30 | 11,4 | IP 68 | 0,75 | 79 | ASATT16RD02BP |
| ASATT21RD01 | TT 21 rail 12V DC | 0,28 | 21,2 | IP 68 | 0,82 | 78 | ASATT21RD01BP |
| ASATT21RD02 | TT 21 rail 24V DC | 0,30 | 11,4 | IP 68 | 0,82 | 78 | ASATT21RD02BP |
| ASATT21RD03 | TT 21 rail 12V DC h.p. | 0,33 | 25,5 | IP 68 | 1,02 | 81 | ASATT21RD03BP |
| ASATT21RD04 | TT 21 rail 24V DC h.p. | 0,34 | 13,2 | IP 68 | 1,02 | 81 | ASATT21RD04BP |
| ASATT25RD01 | TT 25 rail 12V DC | 0,28 | 21,2 | IP 68 | 0,88 | 78 | ASATT25RD01BP |
| ASATT25RD02 | TT 25 rail 24V DC | 0,30 | 11,4 | IP 68 | 0,88 | 78 | ASATT25RD02BP |

## Performance

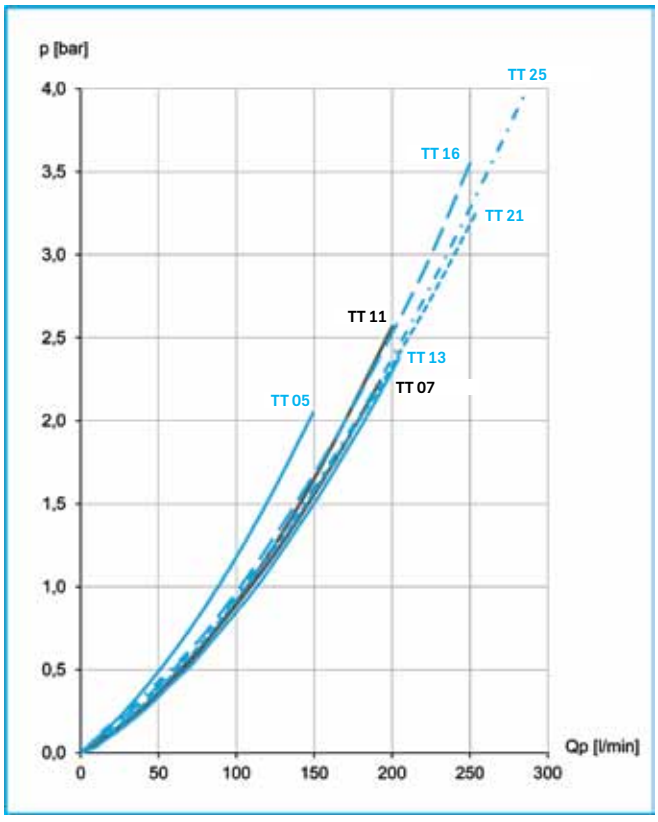
**all products water/glycol compatibel**

**Contact us!**

### specific cooling performance




### pressure drop at 30cSt




## Options

| | |
|---|---|
| temperature control | ILLZTC12-2K or 24-2K + ILLZTT5069K (page 37, 38) |
| temperature switches | ILLZTH5069K, ILLZTH4765K, ILLZTH6065K (page 39) |
| protection housings | available for sizes TT 07, 11 and 16 (page 35) |
| foot mounting | ILLEFUSSTTHDK (page 34) |
| internal bypass | alternative bypass settings (1bar / 5bar) |