



ECO 11 FTF

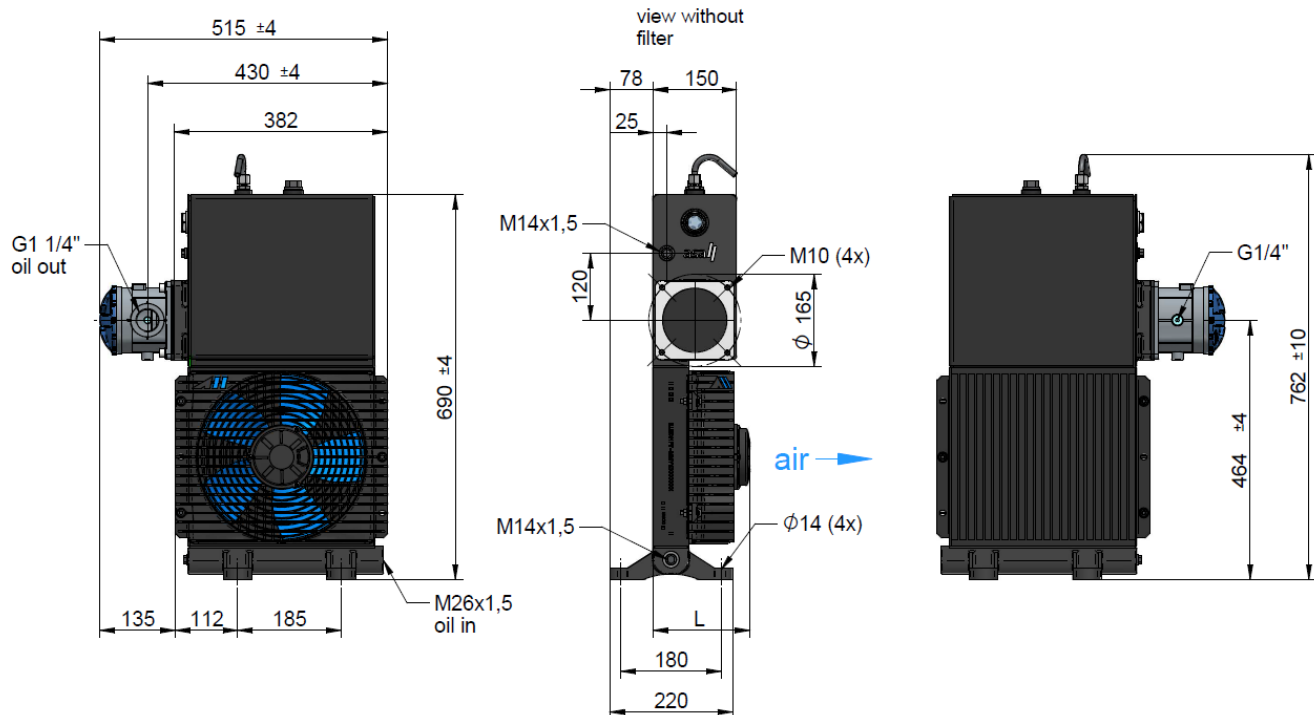
hydraulic oil conditioning

cooler • filter • oil tank • fan drive



Oil/Air Cooler ECO 11 FT

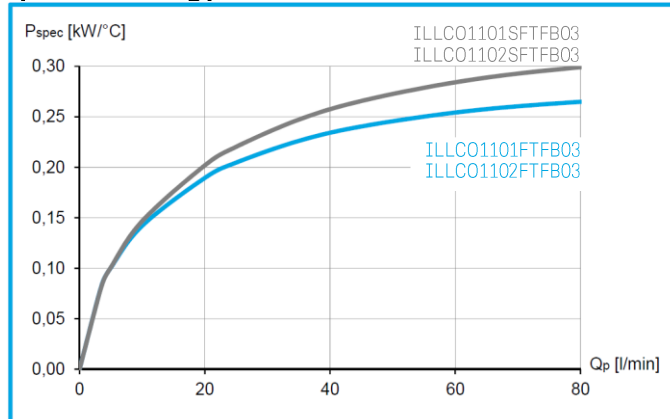
12V / 24V DC with integrated suction filter and tank



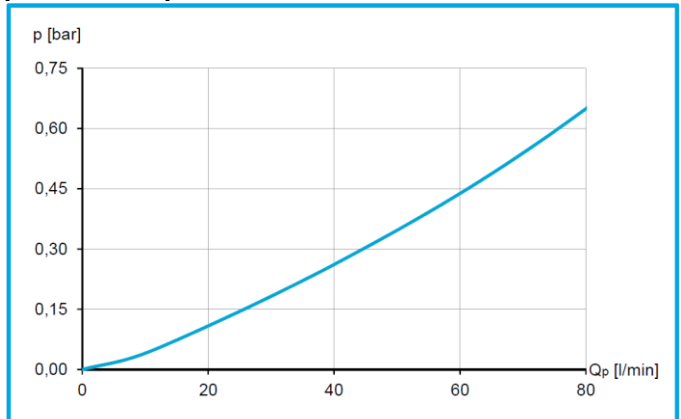
Technical Data

| order number | description | motor power | current | protection | air flow | noise level | L | weight |
|------------------|---|-------------|---------|------------|----------|-------------|------|--------|
| | | [kW] | [A] | | [kg/s] | [dB(A)] | [mm] | [kg] |
| ILLCO1101FTFB03 | ECO 11 12V DC filter tank incl. filter | 0,16 | 12,5 | IP 68 | 0,60 | 77 | 150 | 18,7 |
| ILLCO1102FTFB03 | ECO 11 24V DC filter tank incl. filter | 0,21 | 7,9 | IP 68 | 0,60 | 77 | 150 | 18,7 |
| ILLCO1101SFTFB03 | ECO 11 12V DC h.p. filter tank incl. filter | 0,29 | 22,2 | IP 68 | 0,74 | 79 | 175 | 19,5 |
| ILLCO1102SFTFB03 | ECO 11 24V DC h.p. filter tank incl. filter | 0,30 | 11,4 | IP 68 | 0,74 | 79 | 175 | 19,5 |

specific cooling performance



pressure drop at 30cSt



radiator

| | |
|----------------------------|---------------------------------------|
| material: | aluminium |
| working temperature range: | -20°C to +110°C (oil temperature)* |
| air fin shape: | wavy |
| max. working pressure: | 1,2 bar |

tank

| | |
|----------|------|
| capacity | 12 l |
|----------|------|

*...the indicated temperature is the maximum inlet temperature for the cooler radiator, sealing material to be checked

filter

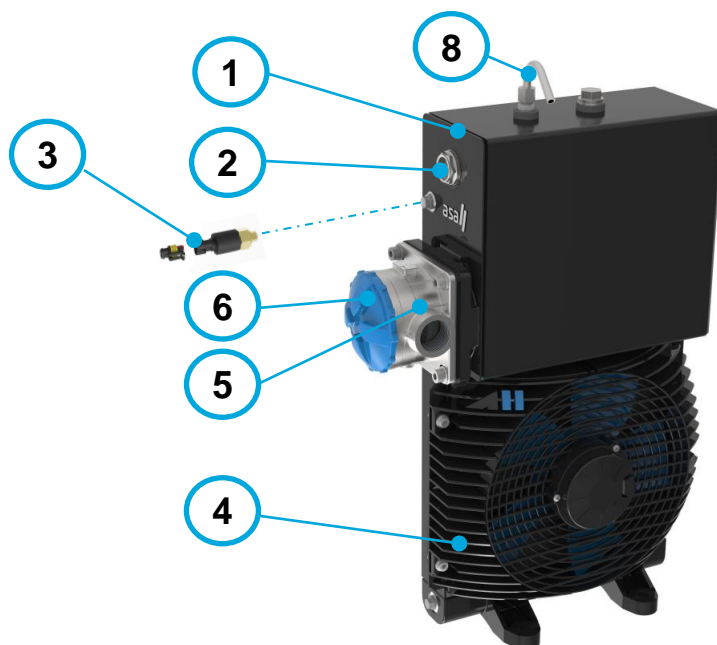
| | |
|-------------------|---|
| filter efficiency | $\beta_{20} > 2$ in accordance to ISO 16889 |
| pressure drop | 0,03 bar @45lpm in accordance to ISO 3968 |

options

| | |
|-------------------------|---|
| temperature control box | ILLZTC12-2K (12V), ILLZTC24-2K (24V) |
| temperature switch 60°C | ILLZTH6069-14K |
| temperature switch 50°C | ILLZTH5069-14K |
| temperature switch 70°C | ILLZTH7069-14K |

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12V / 24V DC with integrated suction filter and tank



5a. HFSE000074
(Argo type ES074)



until 09/2017

5b. HFSE000074B01
(MP Filtri type SF series)



since 09/2017

5c. HFSE000074K
New asa original filter



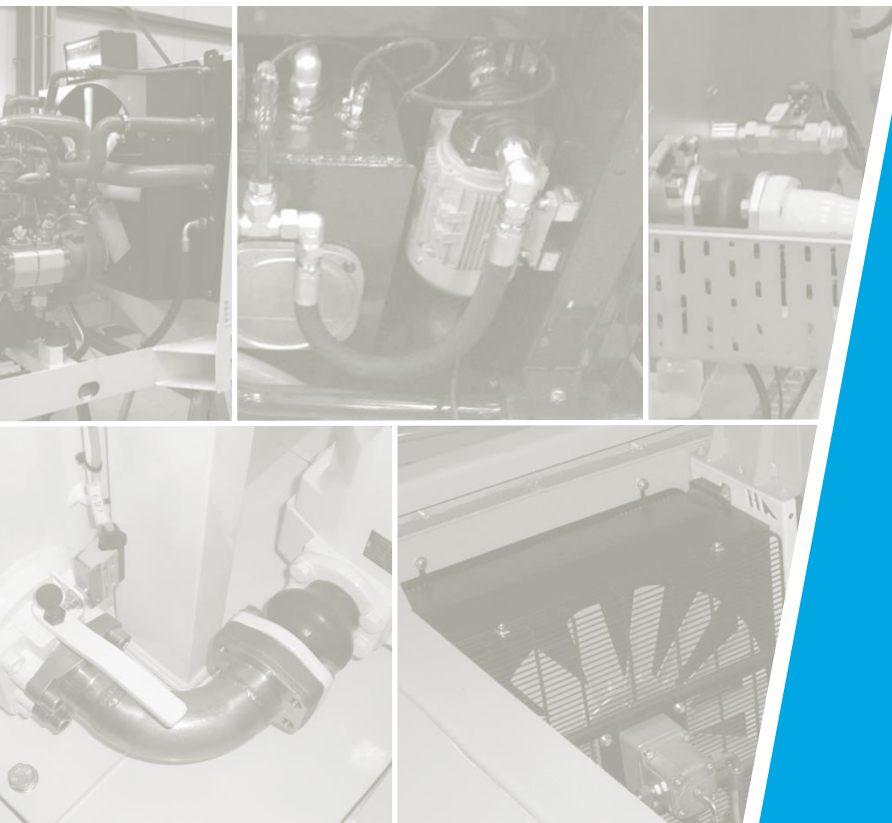
Available spare parts

| sketch number | description | order number |
|---------------|--|---|
| 1 | aluminium radiator with tank | ILLEC11FTKB03 |
| 2 | oil level gauge | HTFTLA5G (replaces MN0743) |
| 3 | temperature switch M14x1,5 including counter connector | ILLZTH6069-14K |
| | compatible to ILLZTH6067-14, ILLZTH6067-14S and ILLZTH6067-14A | |
| 4 (12V) | fan unit kit (incl. fan, motor, guard and mounting material) | ILLC01101FTFB03 →ILLELE0295A1 ILLC01101SFTFB03 →ILLELE0295A5 |
| 4 (24V) | fan unit kit (incl. fan, motor, guard and mounting material) | ILLC01102FTFB03 →ILLELE029506 ILLC01102SFTFB03 →ILLELE0295A6 |
| 5a | complete suction filter incl. cartridge | HFSE000074K (ASA original replacement) |
| 6a | filter cap and o-ring to 5a | ILLEFTFDK |
| 5b | complete suction filter incl. cartridge and flange sealing | HFSE000074K (ASA original replacement) |
| 6b | filter cap incl. spring mounting bar and end cap with sealing to 5b | ILLEFTFDKB00 |
| 5c | complete suction filter incl. cartridge and flange sealing | HFSE000074K (ASA original replacement) |
| 6c | filter cap and o-ring to 5c | ILLEFTFDKB01 |
| 7 | filter cartridge with o-ring compatible to HFEP000074, HFEP000074B01 MP Filtri SF251P10NP05, SF250M10NP01, Argo Hytos P2.0923-01 (ES 074 series), P3.1130-01 (ES 075 series) AKG spare 8061.001.0001 | HFEP000074K |
| 8 | breather pipe | MW1661 |

Please contact us for further information at support@asahydraulik.com or online www.asahydraulik.com

This data sheet and the corresponding scale drawings are to be used as a general guideline and technical overview of our products. Please contact us if more exact information is needed. As we are constantly improving our products, their characteristics, dimensions and weights may also change, although we do our best to incorporate these changes continually. asa assumes no liability for any information therein, any errors, omissions, misprints, nor any direct or indirect damages, losses or costs resulting therefrom. Any cooling performances and general technical values indicated in this catalogue are measured at a test bench according to asa testing procedures or calculated, based on such tests. Due to different conditions in testing and application environments the performance may also vary by +/- 15%. Because there is no standardized testing procedure, tests used by other manufacturers could have different results. Therefore we recommend all products to be checked under the system operating conditions. This is also true for vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors. General tolerances according to DIN ISO 2768-vL. General tolerances for casted parts according to EN ISO 8062-3 (DCTG 10). Tolerances for rubber parts are according to ISO 3302-1 (class M4-F+C). The tolerances of welding seams are defined by quality group D according to EN ISO 10042, if it is not specified on the actual scale drawing or data sheet. In addition to that we point out that any data sheet and corresponding scale drawing is no substitution for the manual.

**be different.
make a difference.**



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