

### **ECO 11 FTF**

## hydraulic oil conditioning cooler • filter • oil tank • fan drive



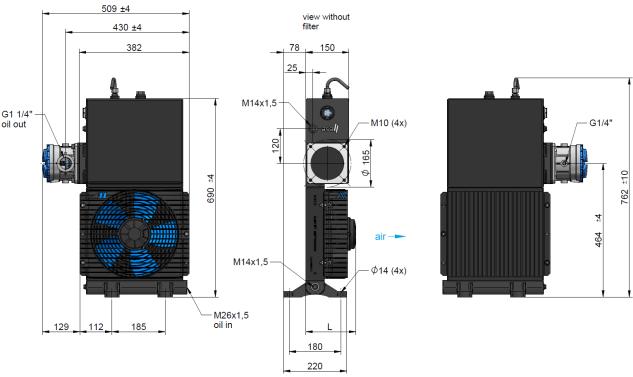


be different. make a difference.

#### Oil/Air Cooler ECO 11 FT

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

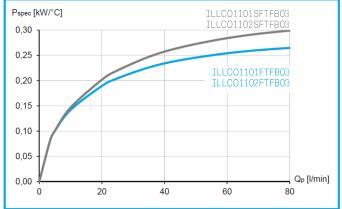




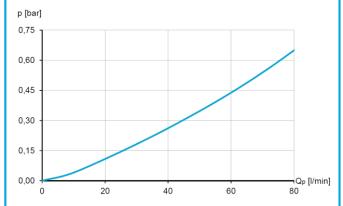
#### **Technical Data**

order number description	motor power	current	protection	air flow	noise level	L	weight
	[kW]	[A]		[kg/s]	[dB(A)]	[mm]	[kg]
ILLC01101FTFB03 ECO 11 12V DC filter tank incl. filter	0,16	12,5	IP 68	0,60	77	150	16,6
ILLCO1102FTFB03 ECO 11 24V DC filter tank incl. filter	0,18	7,0	IP68	0,60	77	150	16,6
ILLC01101SFTFB03 ECO 11 12V DC h.p. filter tank incl. filter	0,29	22,2	IP 68	0,74	79	175	17,3
ILLC01102SFTFB03 ECO 11 24V DC h.p. filter tank incl. filter	0.29	11.0	IP 68	0.74	79	175	17.3

specific cooling performance







#### 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

<sup>\*...</sup>the indicated temperature is the maximum inlet temperature for the cooler radiator, sealing material to be checked

#### **Filter**

ns	
pressure drop	0,03 bar @45lpm in accordance to ISO 3968
filter efficiency	β 20 > 2 in accordance to ISO 16889

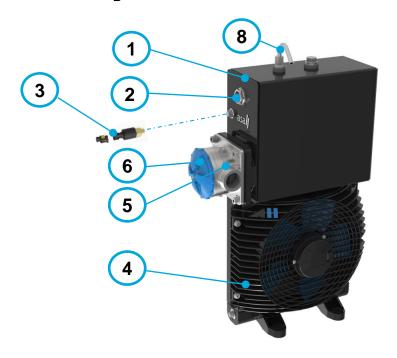
#### Options

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

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, as a 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 as a testing procedures or calculated, based on such tests. They represent a basis for your product selection. Due to different conditions in testing and application environments the performance may also vary by +15%. All sound values are determined in accordance with ISO 9614-2, DIN EN ISO 11203 accuracy class 3 or Machinery Directive 2006/42/EG and are A-rated. At some of the performance data, possible differences to competition data are possible. The reason to that are no existing standardized testing procedures on individual subjects, e.g., for cooling performance measurements. Therefore, we recommend all products to be checked under the system operating conditions. This is also true of vibrations and mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors. General tolerances according to ISO 3032-1 (class M4-FeC). The tolerances of welding seams are defined by quality group 10 according to EN ISO 1004. If it is not specified on the actual scale drawing or data sheet. Any for Islability is excluded for the information included in this datasheet. All details and calculation values are checked to the best of our ability, but these do not ensure any intrinsic product properties: due to the wide-ranging possible applications, it is advised that all technical data herewith included be confirmed through testing carried out by the end-user

#### Oil/Air Cooler ECO 11 FT 12V / 24V DC with integrated suction filter and tank







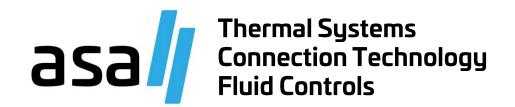


#### Available spare parts

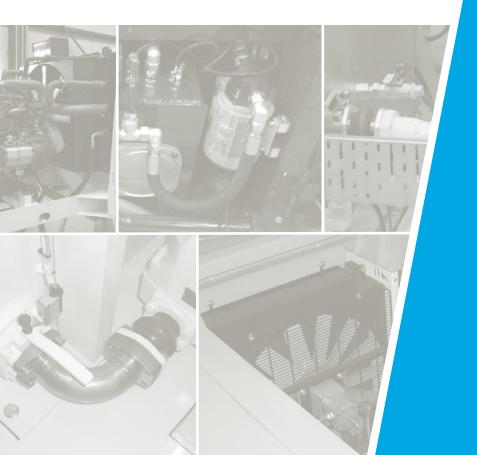
sketch number	description	order number	
1	aluminium radiator with tank	ILLEC11FTK	
2	oil level indicator	MN0743K	
3	temperature switch M14x1,5 including counter connector	ILLZTH6069-14K	
	compatible to ILLZTH6067-14, ILLZTH6067-14S and ILLZTH6067-14A		
<b>4</b> (12V)	fan unit kit (incl. fan, motor, guard and mounting material)	ILLC01101FTFB03 →ILLELE0295A1 ILLC01101SFTFB03 →ILLELE0295A5	
<b>4</b> (24V)	fan unit kit (incl. fan, motor, guard and mounting material)	ILLC01102FTFB03 →ILLELE029506 ILLC01102SFTFB03 →ILLELE0295A6	
5a	complete suction filter incl. cartridge	complete replacement with HFSE000074B01 (5b)	
6a	filter cap and o-ring to 5a	ILLEFTFDK	
5b	complete suction filter incl. cartridge and flange sealing	HFSE000074B01	
6b	filter cap incl. spring mounting bar and end cap with sealing to 5b	ILLEFTFDKB00	
7	filter cartridge with o-ring compatible to HFSE000074B01 (5b)	HFEP000074KB01	
8	breather pipe	MW1661	

Please contact us for further information at <a href="mailto:support@asahydraulik.com">support@asahydraulik.com</a> or online <a href="mailto:sww.asahydraulik.com">www.asahydraulik.com</a> or online <a href="mailto:sww.as

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, as a 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. They represent a basis for your product selection. Due to different conditions in testing and application environments the performance may also vary by +1.5%. All sound values are determined in accordance with ISO 9614-2, DIN EN ISO 11203 accuracy class 3 or Machinery Directive 2006/42/EG and are A-rated. At some of the performance data, possible differences to competition data are possible. The reason to that are no existing standardized testing procedures on individual subjects, e.g. for cooling performance measurements. Therefore, we recommend all products to be checked under the system operating conditions. This is also true of 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 EN ISO 8062-3 (DCTG 10). Tolerances for rubber parts are according to SIO 3302-1 (class M4-FeQ). The tolerances for 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. Any for itability is excluded for the information included in this datasheet. All details and calculation values are checked to the best of our ability, but these do not ensure any intrinsic product properties: due to the wide-ranging pos



# be different. make a difference.



#### AUSTRIA

asa technology Produktionsund Vertriebs GmbH Prager Strasse 280 A-1210, Vienna Tel.: +43 1 292 40 20 support@asahydraulik.com

#### AUSTRALIA

asa Products Pty Ltd Quinlan Road 23 3076 Epping, Victoria Tel.: +61 3 9397 6129 melbourne@asahydraulik.co

#### Brasil

asa hydraulik do Brasil Ltda Rua Maria Fett 96 03263-000 Vil Mercedes, Sao Paulo Tel.: +55 11 9 8862-0022 sales\_brazil@asayhdraulik.com

#### CHINA

asa Hydraulik Technology (Suzhou) Co.Ltd 江苏省苏州市工业园区方洲路 128 号 6 区 B 幢 Area 6, Building B, Fangzhou Road No 128, Suzhou industrial park, Suzhou City, Jiangsu Province Tel.: +86 512 62381988 suzhou@asahydraulik.com

#### INDIA

asa heatexchanger Pvt Ltd Plot no.1226, Phase-3, GIDC, Vatva Ahmedabad - 382445 Tel.: +91 70 43907273 salesindia@asahydraulik.com

#### USA

asa hydraulik of America 160 Meister Avenue 20 A Branchburg, New Jersey 08876 Tel.: +1 800 473 94 00 Tel.: +1 908 541 15 00