

OFFLINE Coolers

Air Cooled Range / CC-Rail / 20/30 lpm

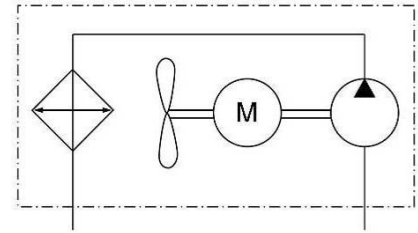


General Data and Details

The oil / air coolers of our CC series are autonomous cooling systems with an integrated circulation pump. They work as a separate cooling unit or as a filter cooling unit with an adequate filter. The benefits of such circulation coolers are a constant cooling performance and a higher durability, because there are no pressure vibrations or peaks in the cooler unit.

Conditions of use:

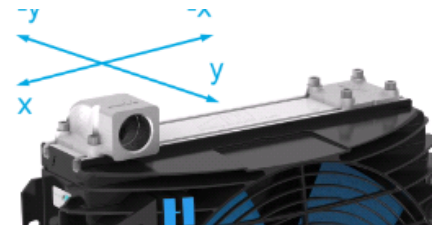
Maximum oil temperature: 80°C, maximum air temperature: 50°C. Motors can be used up to an altitude of 1.500m. For other conditions of use please contact our engineers.



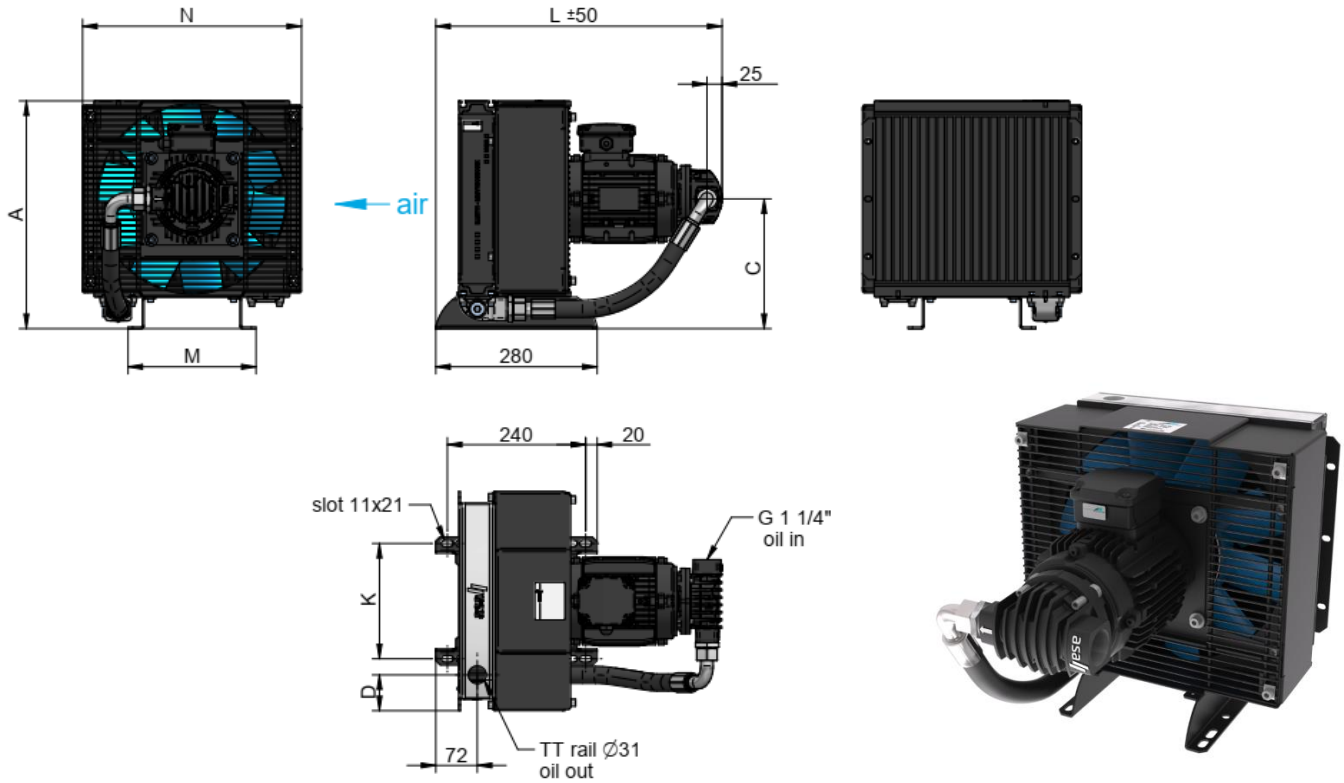
Connection



The **asa** rail system is the first worldwide flexible mounting and connection system for air blast heat exchangers. It gives you the free choice of the connector direction through turnable ports. The rail slots in the radiator are the frame structure not only for connecting the ports, also for various possible mounting arrangements such as bypass systems, mounting of the cooler to aggregates, measurement devices and much more. Please contact us to discover the huge potential of this system for your application.



Scale Drawing



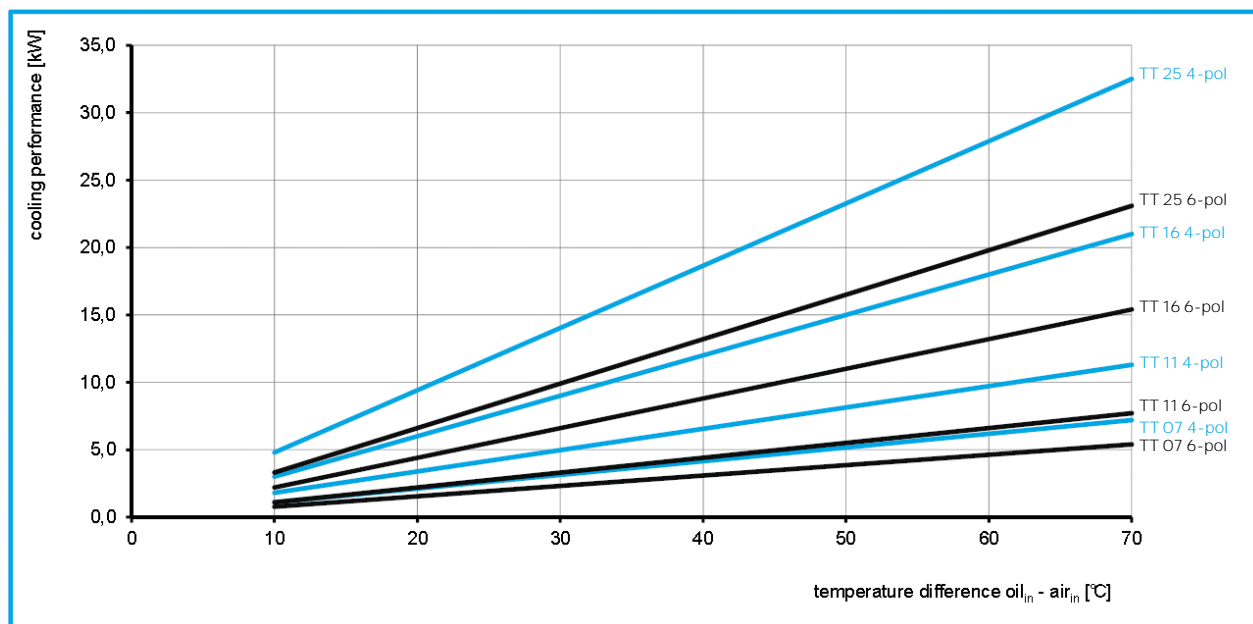
Dimensions

order number	description	A	C	D	K	L	M	N
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
ASATT07RA47CC	TT 07 rail CC 4-pol	355	205	72	135	493	157	320
ASATT11RA47CC	TT 11 rail CC 4-pol	395	225	62	200	495	222	380
ASATT16RA47CC	TT 16 rail CC 4-pol	520	288	66	200	511	222	460
ASATT25RA47CC	TT 25 rail CC 4-pol	660	358	68	300	511	322	558
ASATT07RA66CC	TT 07 rail CC 6-pol	355	205	72	135	493	157	320
ASATT11RA66CC	TT 11 rail CC 6-pol	395	225	62	200	495	222	380
ASATT16RA66CC	TT 16 rail CC 6-pol	520	288	66	200	511	222	460
ASATT25RA66CC	TT 25 rail CC 6-pol	660	358	68	300	511	322	558

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. 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 for 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 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. Any form of liability 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. asa technology Produktions- und Vertriebs GmbH reserves the right to modify the product without any separate notification. This refers to both technical data and the product itself. Furthermore, it is herewith specified that the datasheet does not substitute the corresponding scale drawings, assembly and installation guidelines, nor the operating instructions.

DD-CC-Rail-en-rev1 © asa technology, July 2023 page 1/2

Performance



Technical Data

order number	description	oil flow	max. working pressure	motor power	motor current	rotation	air flow	noise level	weight
		[lpm]	[bar]	[kW]	[A]	[rpm]	[kg/s]	[dB(A)]	[kg]
ASATT07RA47CC	TT 07 rail CC 4-pol	30	10	0,75	1,7	1445	0,19	65	24,4
ASATT11RA47CC	TT 11 rail CC 4-pol	30	10	0,75	1,7	1445	0,48	68	28,3
ASATT16RA47CC	TT 16 rail CC 4-pol	30	9	0,75	1,7	1445	0,64	74	35,8
ASATT25RA47CC	TT 25 rail CC 4-pol	30	6	0,75	1,7	1445	2,00	79	44,4
ASATT07RA66CC	TT 07 rail CC 6-pol	20	9	0,37	1,17	935	0,13	57	24,5
ASATT11RA66CC	TT 11 rail CC 6-pol	20	8	0,37	1,17	935	0,32	58	28,4
ASATT16RA66CC	TT 16 rail CC 6-pol	20	8	0,37	1,17	935	0,44	65	35,9
ASATT25RA66CC	TT 25 rail CC 6-pol	20	6	0,37	1,17	935	1,30	68	44,5

The maximum suction pressure is -0,4 bar. The viscosity range is <100cSt. Motor voltage: 230/400V @ 50Hz*. The protection level is IP55.

Design

radiator material	aluminium
radiator air fin shape	wavy
pump type	gerotor
pump material (housing)	aluminium
sheet metal material	powder coated steel
suitable fluids	mineral oil

Connection (BSP 1")

ILLZATT53G25K	requires 1pc per cooler
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Options

asa rail connector	ILLZATT53G32 (BSP 1 ¼")
temperature switch	50°C, 60°C
Rail filter	integrated spin on filter
motor data*	alternative voltages, frequencies, protection levels, etc on request

