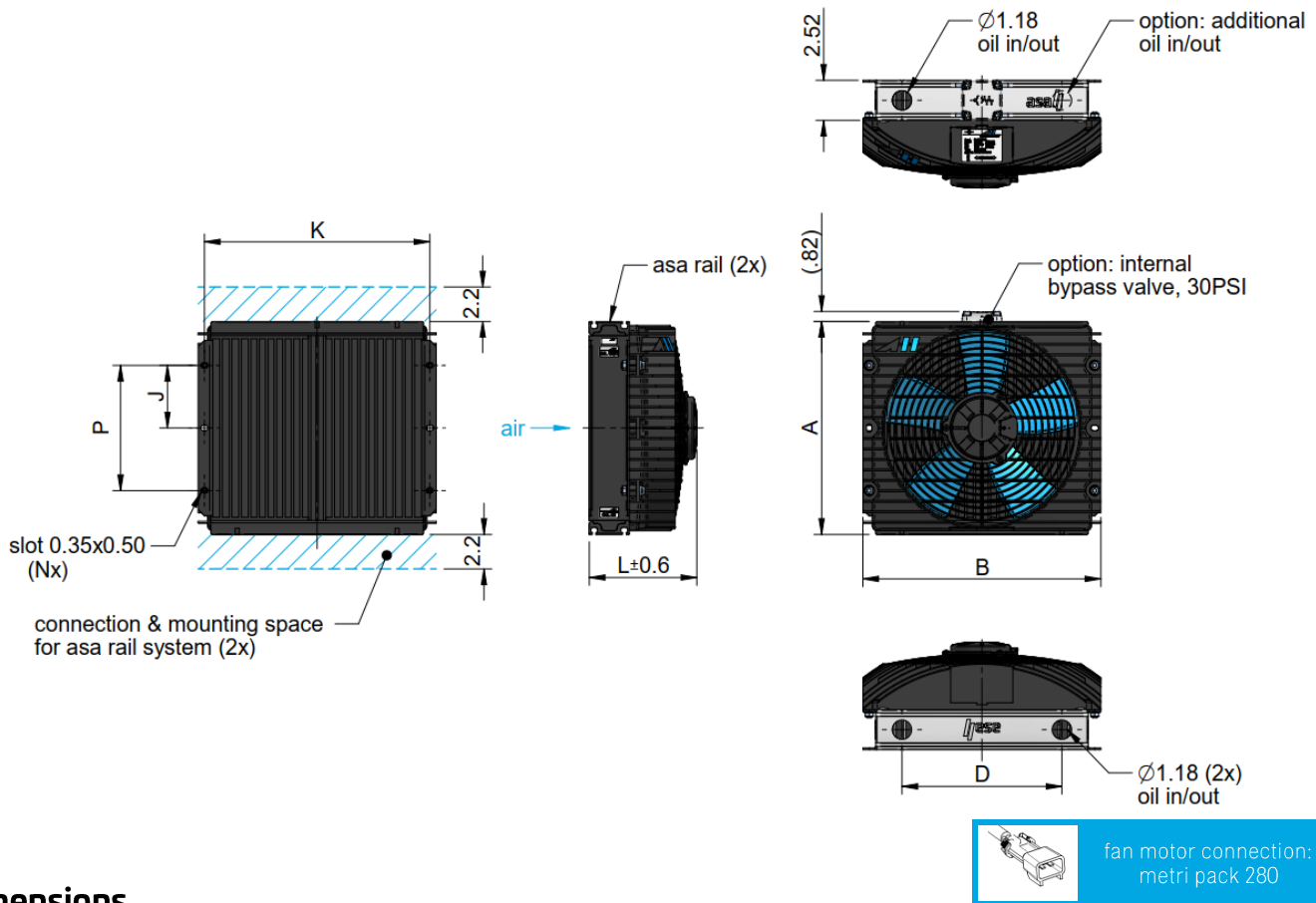


Oil / Air Cooler

Standard Range TT Rail Series

12V / 24V DC , asa rail system



Dimensions

order number	description	A	B	D	J	P	K	L	N	weight
		[in]	[in]	[in]	[in]	[in]	[in]	[in]		[lbs]
ASATT05RD01U00	TT 05 rail 12V DC	9.25	9.65	4.65	-	5.90	8.86	5.91	4	9.48
ASATT05RD02U00	TT 05 rail 24V DC	9.25	9.65	4.65	-	5.90	8.86	5.91	4	9.48
ASATT07RD01U00	TT 07 rail 12V DC	11.81	12.60	6.93	-	6.77	11.42	6.30	4	14.33
ASATT07RD02U00	TT 07 rail 24V DC	11.81	12.60	6.93	-	6.77	11.42	6.30	4	14.33
ASATT07RD03U00	TT 07 rail 12V DC h.p.	11.81	12.60	6.93	-	6.77	11.42	6.93	4	15.43
ASATT07RD04U00	TT 07 rail 24V DC h.p.	11.81	12.60	6.93	-	6.77	11.42	6.93	4	15.43
ASATT11RD01U00	TT 11 rail 12V DC	13.39	14.96	10.04	3.94	7.87	14.17	6.89	6	20.28
ASATT11RD02U00	TT 11 rail 24V DC	13.39	14.96	10.04	3.94	7.87	14.17	6.89	6	20.28
ASATT13RD01U00	TT 13 rail 12V DC	16.54	16.14	10.04	-	9.17	15.20	7.87	4	26.46
ASATT13RD02U00	TT 13 rail 24V DC	16.54	16.14	10.04	-	9.17	15.20	7.87	4	26.46
ASATT16RD01U00	TT 16 rail 12V DC	18.31	18.11	13.11	6.02	12.05	17.17	7.48	6	32.12
ASATT16RD02U00	TT 16 rail 24V DC	18.31	18.11	13.11	6.02	12.05	17.17	7.48	6	32.12
ASATT21RD01U00	TT 21 rail 12V DC	23.82	18.19	12.91	8.21	16.42	17.17	9.57	6	32.85
ASATT21RD02U00	TT 21 rail 24V DC	23.82	18.19	12.91	8.21	16.42	17.17	9.57	6	32.85
ASATT21RD03U00	TT 21 rail 12V DC h.p.	23.82	18.19	12.91	8.21	16.42	17.17	10.28	6	44.97
ASATT21RD04U00	TT 21 rail 24V DC h.p.	23.82	18.19	12.91	8.21	16.42	17.17	10.28	6	44.97
ASATT25RD01U00	TT 25 rail 12V DC	23.82	21.85	16.57	8.21	16.42	20.87	10.47	6	50.04
ASATT25RD02U00	TT 25 rail 24V DC	23.82	21.85	16.57	8.21	16.42	20.87	10.47	6	50.04
ASATT36RD01U00	TT 36 rail 12V DC	28.74	23.82	23.46	8.21	16.42	27.85	10.00	6	72.10
ASATT36RD02U00	TT 36 rail 24V DC	28.74	23.82	23.46	8.21	16.42	27.85	10.00	6	72.10

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 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 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.

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Oil / Air Cooler

Standard Range TT Rail Series

12V / 24V DC , asa rail system



Technical Data

order number	description	motor power	current	protection	air flow	noise level	optional internal bypass (30PSI)
		[HP]	[A]		[CFM]	[dB(A)]	cooler order number
ASATT05RD01U00	TT 05 rail 12V DC	0.15	8.5	IP 68	340	74	ASATT05RD01BPU00
ASATT05RD02U00	TT 05 rail 24V DC	0.15	4.2	IP 68	340	74	ASATT05RD02BPU00
ASATT07RD01U00	TT 07 rail 12V DC	0.17	9.6	IP 68	573	74	ASATT07RD01BPU00
ASATT07RD02U00	TT 07 rail 24V DC	0.19	5.2	IP 68	573	74	ASATT07RD02BPU00
ASATT07RD03U00	TT 07 rail 12V DC h.p.	0.27	15.6	IP 68	716	78	ASATT07RD03BPU00
ASATT07RD04U00	TT 07 rail 24V DC h.p.	0.28	8.1	IP 68	716	78	ASATT07RD04BPU00
ASATT11RD01U00	TT 11 rail 12V DC	0.39	22.6	IP 68	1 020	77	ASATT11RD01BPU00
ASATT11RD02U00	TT 11 rail 24V DC	0.40	11.4	IP 68	1 020	77	ASATT11RD02BPU00
ASATT13RD01U00	TT 13 rail 12V DC	0.39	22.6	IP 68	1 164	77	ASATT13RD01BPU00
ASATT13RD02U00	TT 13 rail 24V DC	0.40	11.4	IP 68	1 164	77	ASATT13RD02BPU00
ASATT16RD01U00	TT 16 rail 12V DC	0.38	21.2	IP 68	1 343	79	ASATT16RD01BPU00
ASATT16RD02U00	TT 16 rail 24V DC	0.40	11.4	IP 68	1 343	79	ASATT16RD02BPU00
ASATT21RD01U00	TT 21 rail 12V DC	0.38	21.2	IP 68	1 468	78	ASATT21RD01BPU00
ASATT21RD02U00	TT 21 rail 24V DC	0.40	11.4	IP 68	1 468	78	ASATT21RD02BPU00
ASATT21RD03U00	TT 21 rail 12V DC h.p.	0.44	25.5	IP 68	1 826	81	ASATT21RD03BPU00
ASATT21RD04U00	TT 21 rail 24V DC h.p.	0.46	13.2	IP 68	1 826	81	ASATT21RD04BPU00
ASATT25RD01U00	TT 25 rail 12V DC	0.38	21.2	IP 68	1 575	78	ASATT25RD01BPU00
ASATT25RD02U00	TT 25 rail 24V DC	0.40	11.4	IP 68	1 575	78	ASATT25RD02BPU00
ASATT36RD01U00	TT 36 rail 12V DC	2x0.39	2x22.6	IP 68	2 900	80	ASATT36RD01BPU00
ASATT36RD02U00	TT 36 rail 24V DC	2x0.40	2x11.4	IP 68	2 900	80	ASATT36RD02BPU00

Radiator Style B

material:	aluminum
working temperature range:	-4°F to +176°F (oil temperature)*
air fin shape:	wavy
working pressure:	370 PSI (static)

Installation System (asa rail connectors)

connection UN 1 5/16"	ILLZSET5U16U00(1 set per cooler) required)
connection UN 1 5/8"	ILLZSET5U20U00(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.

Oil / Air Cooler

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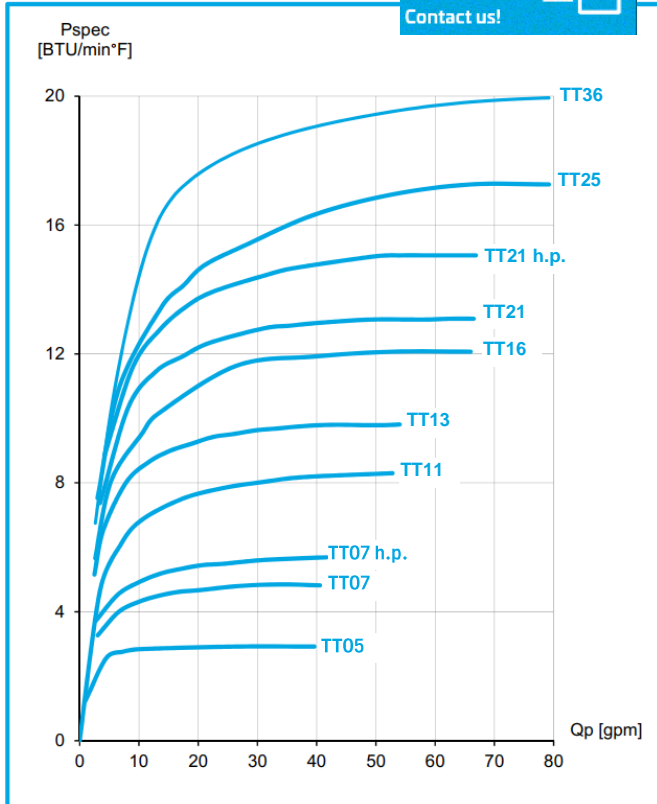


Performance

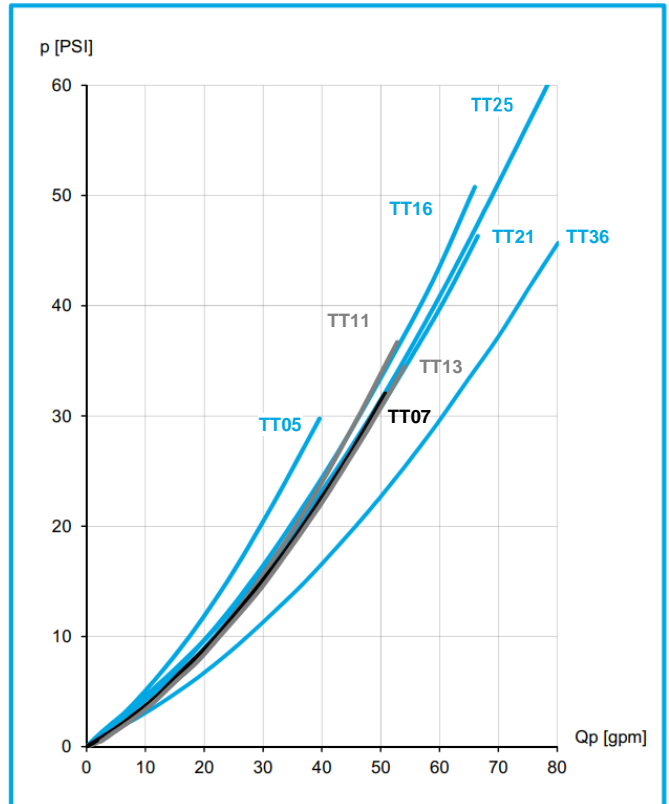
specific cooling performance

all products
water / glycol
compatibel

Contact us!



pressure drop at 150 SSU



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Options

temperature control	ILLZTC12-2KU00 or 24-2KU00 + ILLZTT5069KU00 except TT21 h.p.
temperature switches	ILLZTH5069KU00, ILLZTH4765KU00, ILLZTH6065KU00 (page 51)
protection housings	available for sizes TT 07, 11 and 16
system for rail series	ILLZRF.....U00
foot mounting	ILLEFUSSTTKU00, ILLEFUSSTTHDKU00
internal bypass	alternative bypass settings (1bar / 5bar)

