Oil/Air Cooling/Special Range H-Protect

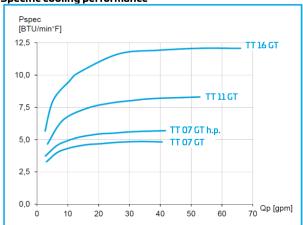


Cooling System with protecting housing (GT)

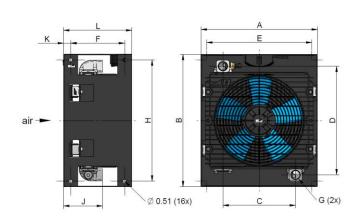
The H-Protect Series is a ready mounted cooler package, consisting of a cooler, protection housing, mounted rail connectors and the ready wired electronic temperature control. All standard cooler sizes from TT 07 to ASA 0177 are available as a GT cooler. Also the internal bypass version is easy to integrate with the same housing dimensions. The temperature control is a relay box in connection with a temperature sensor controlling the fan with the optimal fan speed and a soft start curve. This reduces the noise level and increases the duration of the fan unit. The protection housing is a solid metal framework for rough mobile and special applications. The radiator side is protected by a metal grid and the whole cooler is mounted on the asa rubber vibration absorbers to reduce the mechanical stress.

Performance

Specific cooling performance



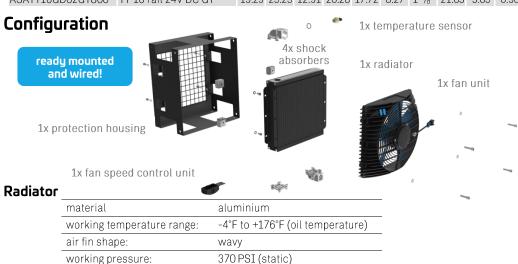
Dimensions



Technical Data

working pressure: internal bypass

order number	description	А	В	С	D	Е		G	Н	J		L	weight	optional internal bypass (2bar)
		[in]	[in]	[in]	[in]	[in]	[in]	UN	[in]	[in]	[in]	[in]	[lbs]	cooler order no.
ASATT07GD01GTU00	TT 07 rail 12V DC GT	13.15	16.73	7.05	13.43	11.81	7.48	15/16"	15.16	4.49	0.79	9.45	30.2	ASATT07GD01BPGTU00
ASATT07GD02GTU00	TT 07 rail 24V DC GT	13.15	16.73	7.05	13.43	11.81	7.48	15/16"	15.16	4.49	0.79	9.45	30.2	ASATT07GD02BPGTU00
ASATT07GD03GTU00	TT 07 rail 12V DC GT h.p.	13.15	16.73	7.05	13.43	11.81	7.48	$1^{5}/_{16}$ "	15.16	4.49	0.79	9.45	31.1	ASATT07GD03BPGTU00
ASATT07GD04GTU00	TT 07 rail 24V DC GT h.p.	13.15	16.73	7.05	13.43	11.81	7.48	15/16"	15.16	4.49	0.79	9.45	31.1	ASATT07GD04BPGTU00
ASATT11GD01GTU00	TT 11 rail 12V DC GT	16.14	18.31	10.08	15.00	14.57	7.48	15/16"	16.73	5.39	0.98	9.45	44.3	ASATT11GD01BPGTU00
ASATT11GD02GTU00	TT 11 rail 24V DC GT	16.14	18.31	10.08	15.00	14.57	7.48	15/16"	16.73	5.39	0.98	9.45	44.3	ASATT11GD02BPGTU00
ASATT16GD01GTU00	TT 16 rail 12V DC GT	19.29	23.23	12.91	20.28	17.72	8.27	1 5/8"	21.65	5.63	0.98	10.24	66.8	ASATT16GD01BPGTU00
ASATT16GD02GTU00	TT 16 rail 24V DC GT	19.29	23.23	12.91	20.28	17.72	8.27	1 5/8"	21.65	5.63	0.98	10.24	66.8	ASATT16GD02BPGTU00



alternative bypass settings

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 changes, although we do our best to incorporate these changes continually, saa 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 saa 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 the mechanical stress as well as for pressure peaks and thermal stress and any other relevant factors. General tolerances for casted parts according EN ISO 8062-3 (DCTG 10). Tolerances for rubber parts are according to ISO 3002-1 (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.

Actual Control of Control