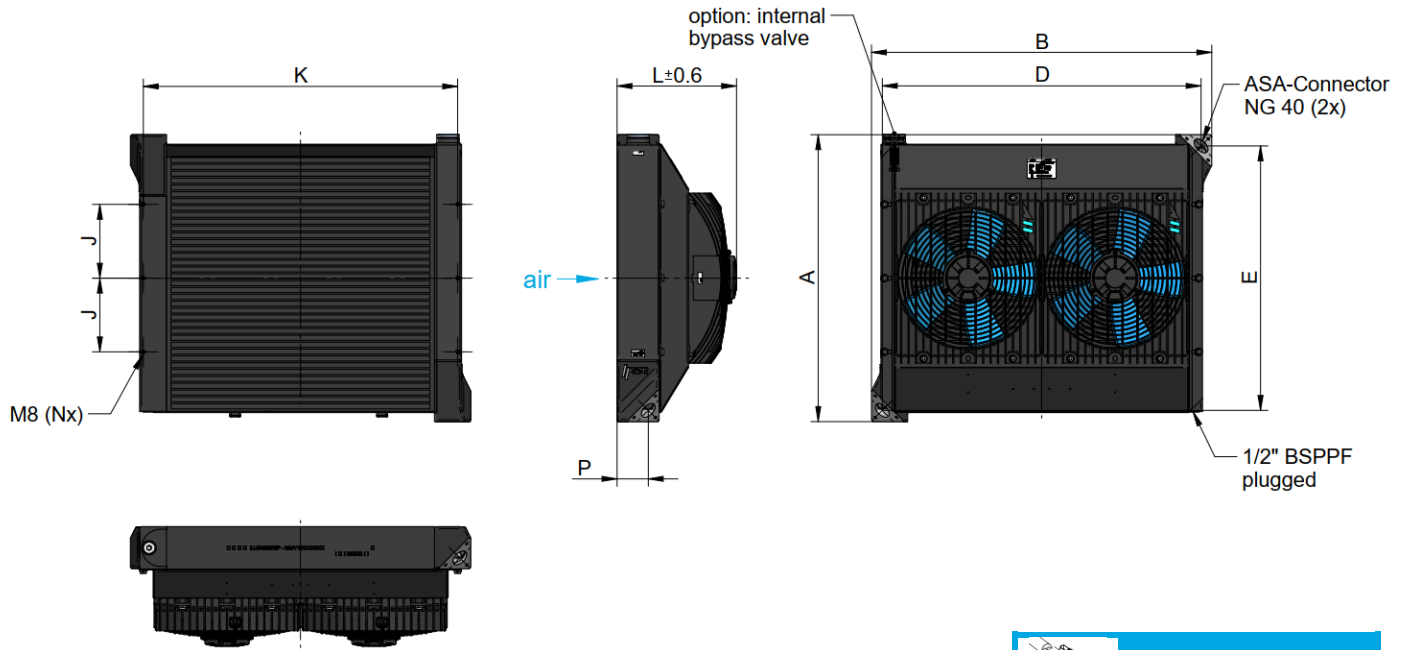


Oil / Air Cooler

Standard Range ASA Series

12V / 24V DC



Dimensions

order number	description	A	B	D	E	J	K	L	N	P	weight
		[in]	[in]	[in]	[in]	[in]	[in]	[in]		[in]	[lbs]
ASA0177AD01U00	ASA 0177 12V DC	18.35	22.91	21.06	16.22	6.02	20.47	8.98	4	2.68	54.01
ASA0177AD02U00	ASA 0177 24V DC	18.35	22.91	21.06	16.22	6.02	20.47	8.98	4	2.68	54.01
ASA0257AD03U00	ASA 0257 12V DC h.p.	21.85	27.17	25.00	19.72	8.21	24.41	10.20	6	2.68	79.81
ASA0257AD04U00	ASA 0257 24V DC h.p.	21.85	27.17	25.00	19.72	8.21	24.41	10.20	6	2.68	79.81
ASA0367AD01U00	ASA 0367 12V DC	25.28	30.00	28.11	23.46	6.50	27.72	10.55	6	2.68	91.93
ASA0367AD02U00	ASA 0367 24V DC	25.28	30.00	28.11	23.46	6.50	27.72	10.55	6	2.68	91.93

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Technical Data

order number	description	motor power	current	protection level	air flow	noise level	optional internal bypass (30PSI)
		[HP]	[A]		[CFM]	[db(A)]	cooler order number
ASA0177AD01U00	ASA 0177 12V DC	0.37*	21.2*	IP 68	1110	79	ASA0177AD01BPU00
ASA0177AD02U00	ASA 0177 24V DC	0.40*	11.4*	IP 68	1110	79	ASA0177AD02BPU00
ASA0257AD03U00	ASA 0257 12V DC h.p.	2x0.39	2x22.6	IP 68	2148	83	ASA0257AD03BPU00
ASA0257AD04U00	ASA 0257 24V DC h.p.	2x0.40	2x11.4	IP 68	2148	83	ASA0257AD04BPU00
ASA0367AD01U00	ASA 0367 12V DC	2x0.39	2x22.6	IP 68	2059	84	ASA0367AD01BPU00
ASA0367AD02U00	ASA 0367 24V DC	2x0.40	2x11.4	IP 68	2059	84	ASA0367AD02BPU00

*...single fan

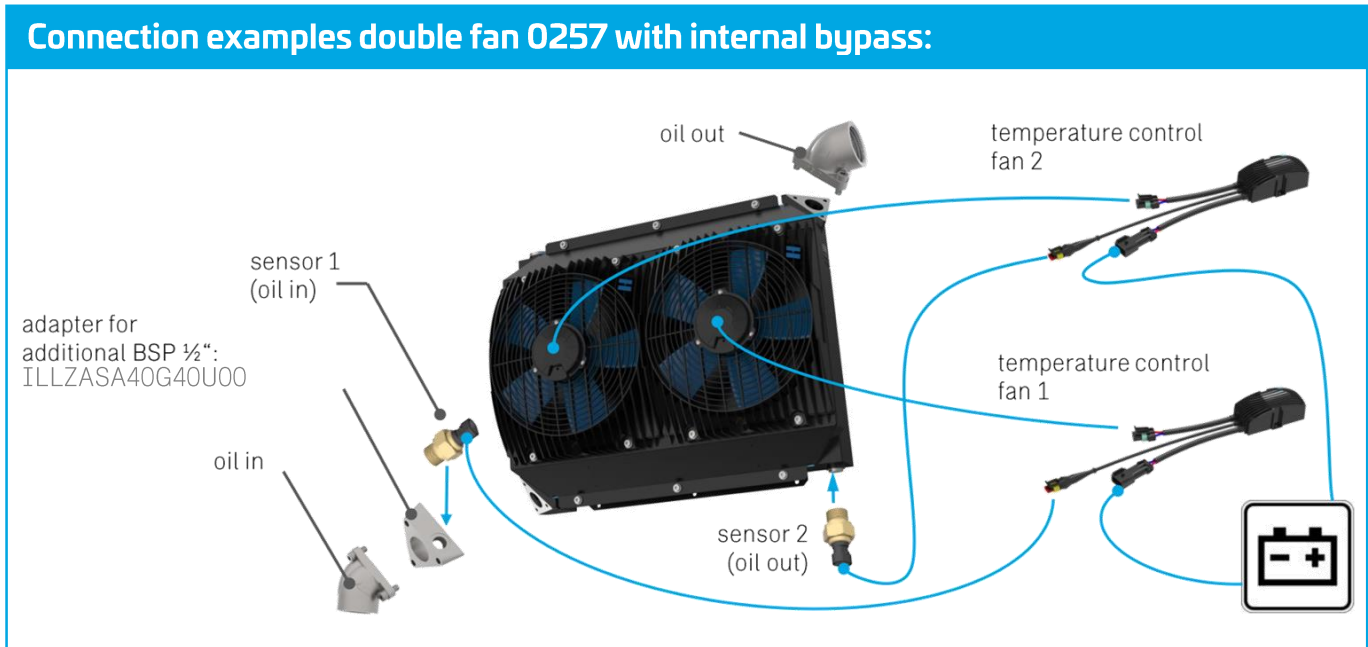
Radiator Style C

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

*...the indicated temperature is the maximum inlet temperature for the cooler radiator. Depending on the sealings in use, the application needs appropriate checking.

Installation System (see more information on page 43)

connection UN 1 5/8"	ILLZASA32U20U00 (2 pieces per cooler required)
connection UN 1 7/8"	ILLZASA40U24U00 (2 pieces per cooler required)



Oil / Air Cooler

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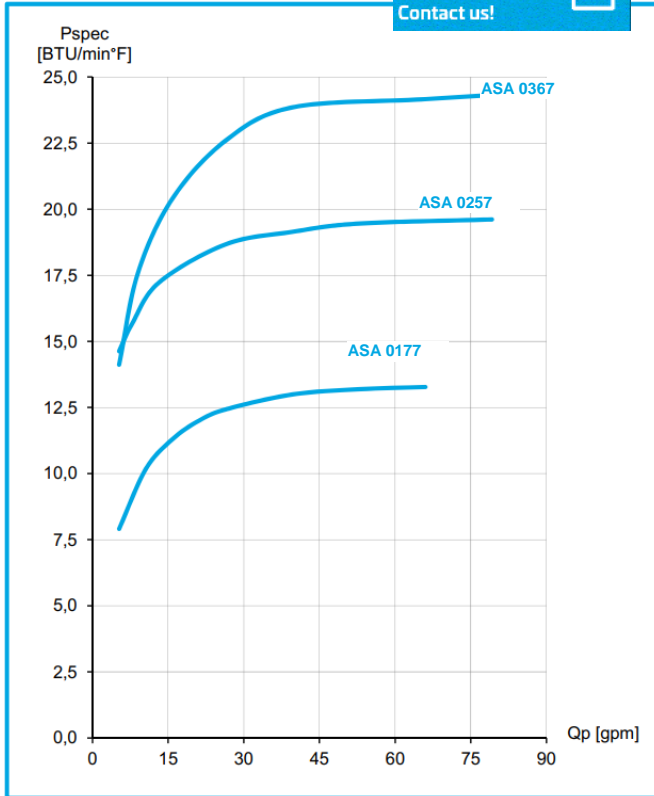


Performance

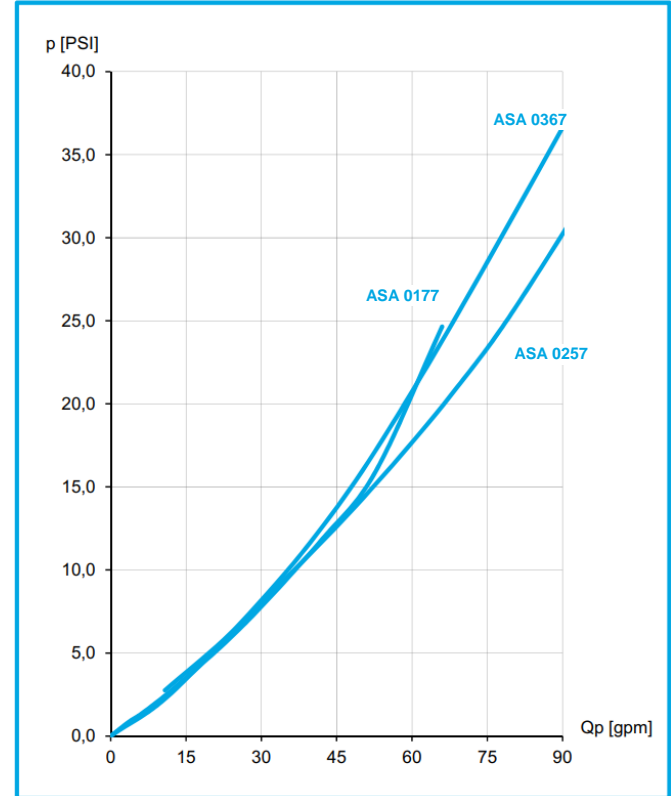
specific cooling performance

all products
water / glycol
compatibel

Contact us!



pressure drop at 150 SSU



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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Options

temperature control	ILLZTC12-2KU00 or 24-2KU00 + ILLZTT5069KU00 (page 49,50)
temperature switches	ILLZTH5069KU00, ILLZTH4765KU00, ILLZTH6065KU00 (page 51)
Intermediate plate NG40	ILLZASA40-40G12U00 (page 43)
internal bypass	alternative bypass settings (7 PSI / 50 PSI)

