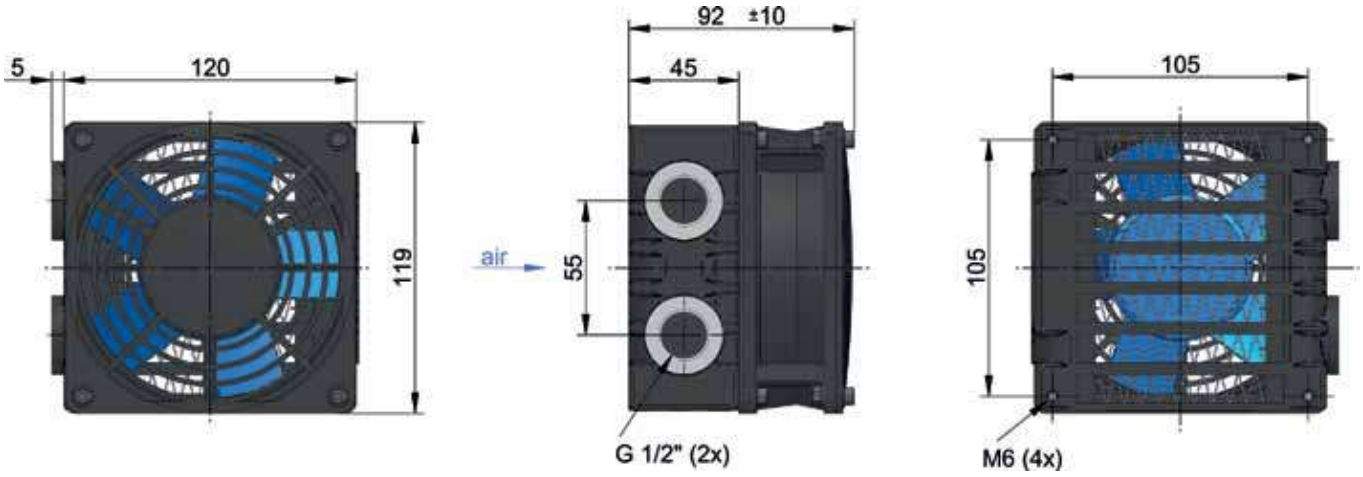
LowLine LL 01 Oil / Air Cooler
230V / 50Hz AC



Technical Data

order number	description	power	current	protection	rotation	air flow	noise level	weight
		[kW]	[A]		[rpm]	[kg/s]	[dB(A)]	[kg]
ASA0013GE01	ASA LL 01 230V AC	0,02	0,08	IP 20	2650	0,03	41	1,5

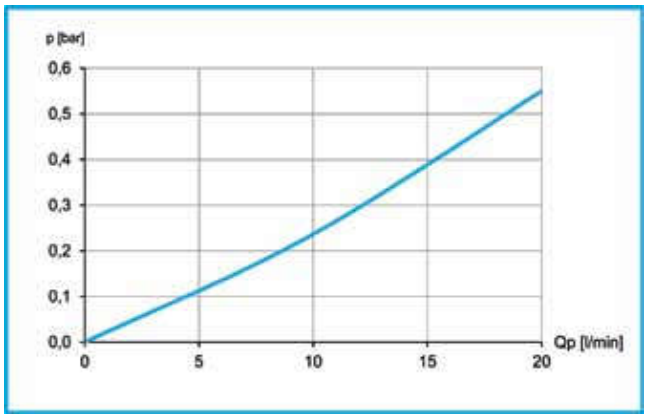
Performance

all products water/glycol compatibel

Contact us!

specific cooling performance

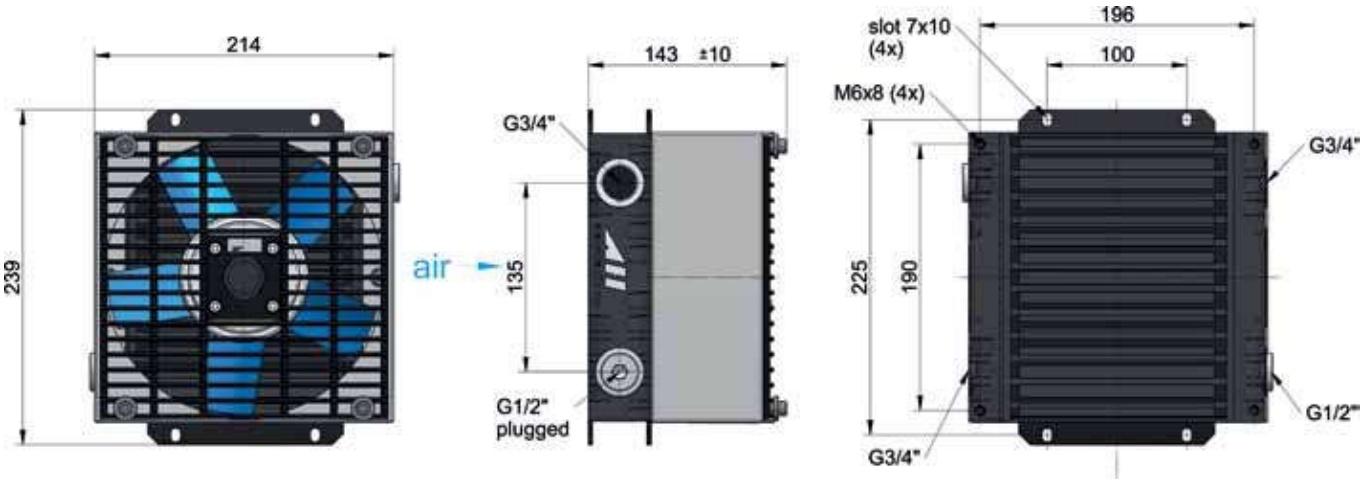
pressure drop at 30cSt



Radiator Style A

material:	aluminum
working temperature range:	–20°C to +100°C (oil temperature)
air fin shape:	wavy
working pressure:	26 bar (static)

LowLine LL 03 L Oil / Air Cooler
230/400V 50Hz AC



Technical Data

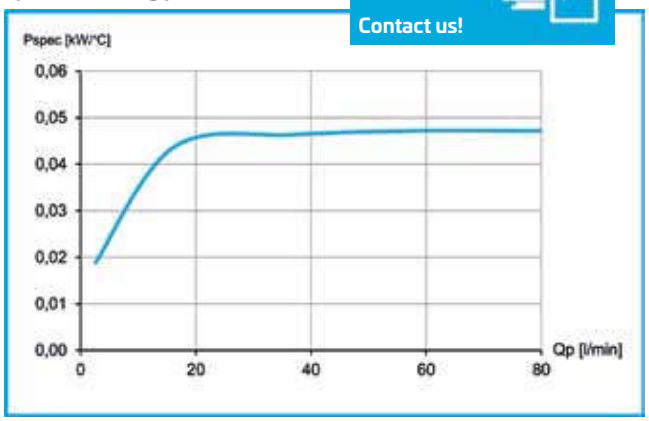
order number	description	power	current	protection	rotation	air flow	noise level	weight
		[kW]	[A]		[rpm]	[kg/s]	[dB(A)]	[kg]
ASA0033GI02	LL 03L 230/400V AC	0,05	0,20	IP 44	2550	0,16	61	5,4

Performance

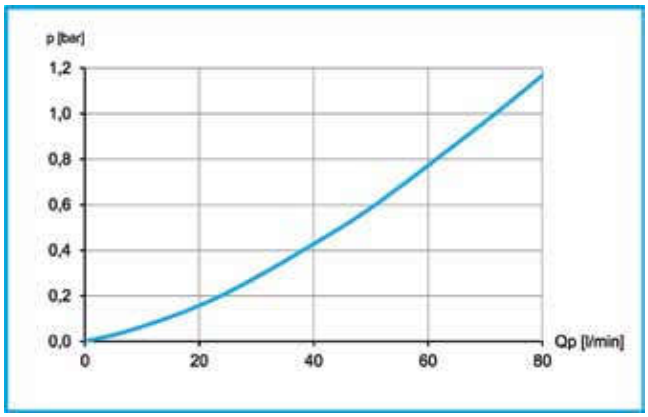
all products water/glycol compatibel

Contact us!

specific cooling performance



pressure drop at 30cSt



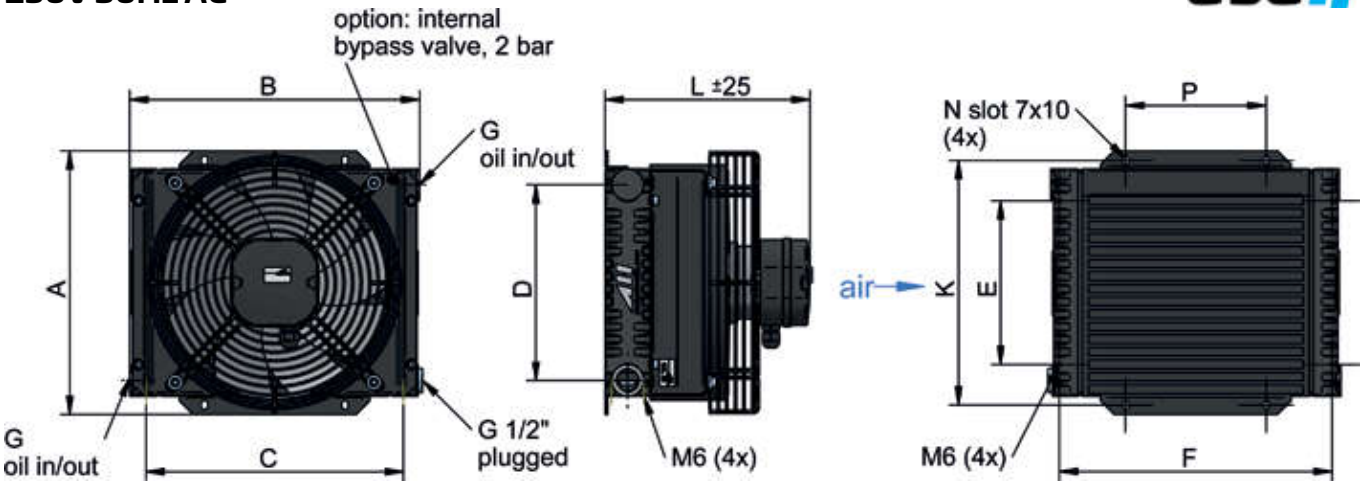
Radiator Style A

material:	aluminum
working temperature range:	–20°C to +100°C (oil temperature)
air fin shape:	wavy
working pressure:	26 bar (static)

Options

temperature switches IP65	ILLZTH4765K, ILLZTH6065K (page 39)
temperature switches IP69K	ILLZTH5069K, ILLZTH6069K,
	ILLZTH9069K (page 39)

LowLine 03, 06 and 08 Oil / Air Cooler
230V 50Hz AC



Dimensions

order number	description	A	B	C	D	E	F	G	K	L	N	P
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[mm]
ASA0034GC2E	LL 03 AC compact	255	250	214	180	144	225	G ¾“	240	246	7x10	120
ASATT06GC2E	LL 06 AC compact	290	323	284	215	180	301	G ¾“	269	226	7x10	155
ASA0084GC2E	LL 08 AC compact	380	386	350	280	200	360	G 1“	360	226	9x12	200

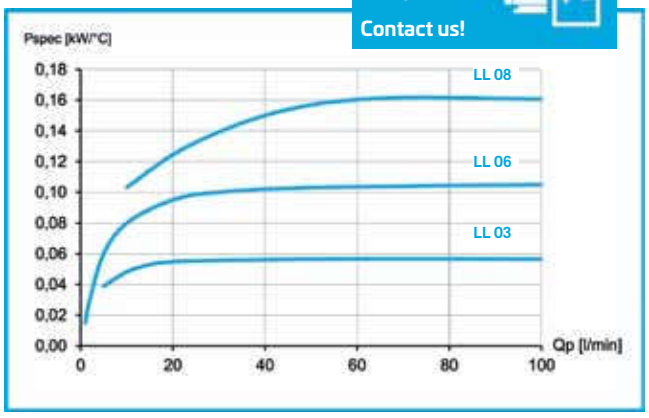
Technical Data

order number	description	power	current	protection	rotation	air flow	noise level	weight	Optionaal internal bypass (2bar)
		[kW]	[A]		[rpm]	[kg/s]	[dB(A)]	[kg]	cooler order number
ASA0034GC2E	LL 03 AC compact	0,055	0,25	IP 44	2500	0,17	61	6,9	ASA0034GC2EBP
ASATT06GC2E	LL 06 AC compact	0,10	0,45	IP 44	2480	0,32	66	7,9	ASATT06GC2EBP
ASA0084GC2E	LL 08 AC compact	0,12	0,55	IP 44	2400	0,38	67	11	ASA0084GC2EBP

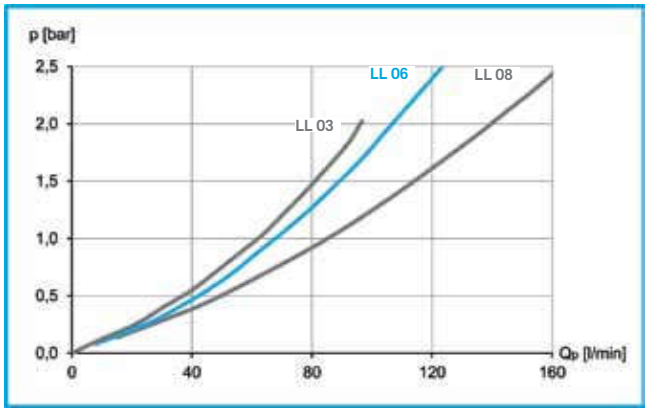
Performance

all products water/glycol compatibel
Contact us!

specific cooling performance



pressure drop at 30cSt



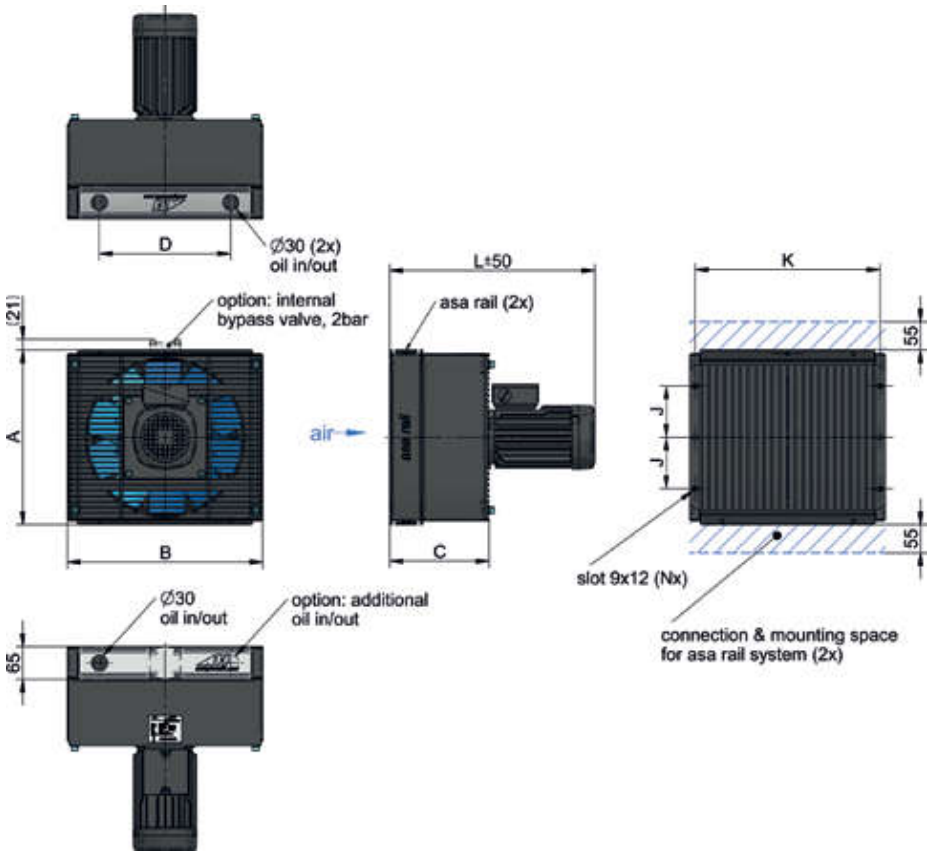
Radiator Style A

material:	aluminum
working temperature range:	–20°C to +100°C (oil temperature)
air fin shape:	wavy
working pressure:	26 bar (static)

Options

mounting feet kit	ILLEFUSSTT06K (on request)
temperature switches IP65	ILLZTH4765K, ILLZTH6065K (page 39)
temperature switches IP69K	ILLZTH5069K, ILLZTH6069K, ILLZTH9069K (page 39)

TT Series Oil / Air Cooler
230/400V 50Hz AC



Dimensions

order number	description	A	B	C	D	J	K	L	N	weight
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[kg]
ASATT07RA44	TT 07 rail 0,25kW AC	300	320	193	176	86	290	396	4	16,1
ASATT07RA25	TT 07 rail 0,55kW AC	300	320	193	176	86	290	396	4	17,0
ASATT11RA44	TT 11 rail 0,25kW AC	340	380	194	255	100	360	398	6	19,9
ASATT11RA25	TT 11 rail 0,55kW AC	340	380	194	255	100	360	398	6	20,9
ASATT16RA64	TT 16 rail 0,18kW AC	465	462	219	328	153	436	414	6	28,1
ASATT16RA44	TT 16 rail 0,25kW AC	465	462	219	328	153	436	414	6	27,4
ASATT16RA25	TT 16 rail 0,55kW AC	465	462	219	328	153	436	414	6	27,5
ASATT21RA66	TT 21 rail 0,37kW AC	605	558	222	328	208,5	436	444	6	40,8
ASATT21RA47	TT 21 rail 0,75kW AC	605	558	222	328	208,5	436	444	6	42,6
ASATT25RA66	TT 25 rail 0,37kW AC	605	558	219	422	208,5	530	440	6	41,2
ASATT25RA47	TT 25 rail 0,75kW AC	605	558	219	422	208,5	530	440	6	43,0

Technical Data

order number	description	motor power	current	motor size	protection	rotation	air flow	noise level	optional internal bypass (2 bar)
		[kW]	[A]			[rpm]	[kg/s]	[db(A)]	cooler order number
ASATT07RA44	TT 07 rail 0,25kW AC	0,25	0,73	71	IP 55	1395	0,19	65	ASATT07RA44BP
ASATT07RA25	TT 07 rail 0,55kW AC	0,55	1,32	71	IP 55	2775	0,40	81	ASATT07RA25BP
ASATT11RA44	TT 11 rail 0,25kW AC	0,25	0,73	71	IP 55	1395	0,48	73	ASATT11RA44BP
ASATT11RA25	TT 11 rail 0,55kW AC	0,55	1,32	71	IP 55	2775	0,98	83	ASATT11RA25BP
ASATT16RA64	TT 16 rail 0,18kW AC	0,18	0,80	71	IP 55	920	0,44	63	ASATT16RA64BP
ASATT16RA44	TT 16 rail 0,25kW AC	0,25	0,73	71	IP 55	1395	0,64	73	ASATT16RA44BP
ASATT16RA25	TT 16 rail 0,55kW AC	0,55	1,32	71	IP 55	2775	0,86	78	ASATT16RA25BP
ASATT21RA66	TT 21 rail 0,37kW AC	0,37	1,17	80	IP 55	935	1,21	71	ASATT21RA66BP
ASATT21RA47	TT 21 rail 0,75kW AC	0,75	1,70	80	IP 55	1445	1,89	81	ASATT21RA47BP
ASATT25RA66	TT 25 rail 0,37kW AC	0,37	1,17	80	IP 55	935	1,30	71	ASATT25RA66BP
ASATT25RA47	TT 25 rail 0,75kW AC	0,75	1,70	80	IP 55	1445	2,00	81	ASATT25RA47BP

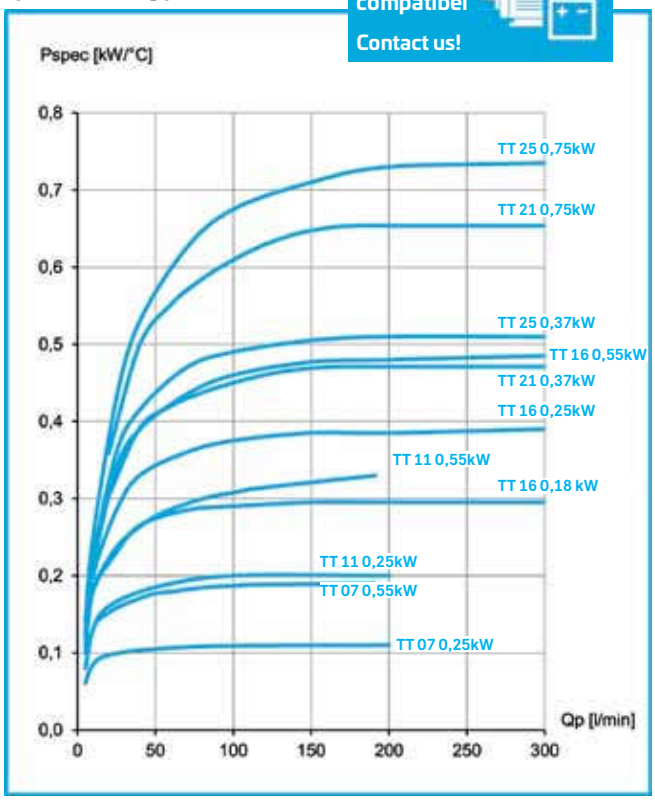
TT Series Oil / Air Cooler
230/400V 50Hz AC

Performance

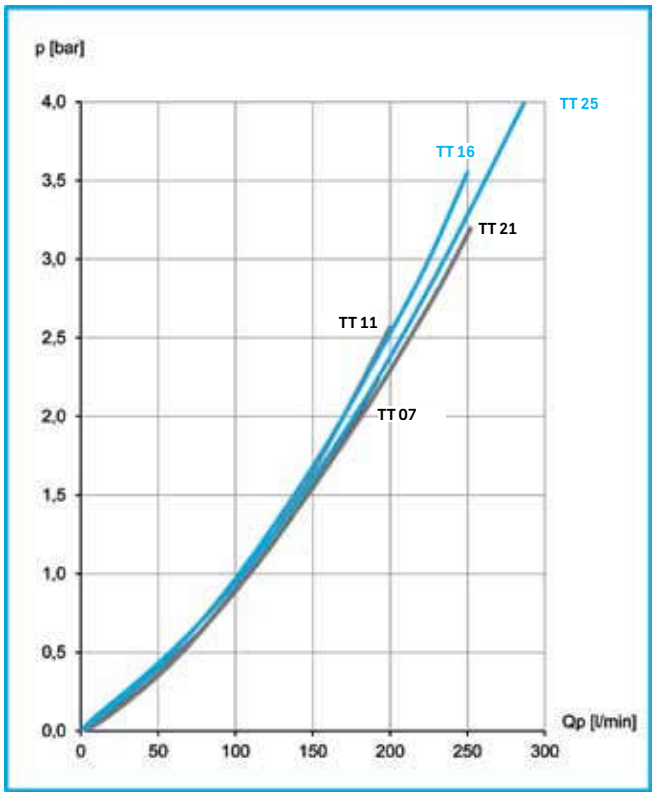
specific cooling performance

all products water/glycol compatibel

Contact us!



pressure drop at 30 cSt



Radiator Style B

material:	aluminium
working temperature range:	–20°C to +80°C (oil temperature)*
air fin shape:	wavy
working pressure:	26 bar (static)

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

Options

motor data	alternative voltages, frequencies, IP classes, etc on request
temperature control	ILLZTCACK (page 40)
temperature switches	ILLZTH4765K, ILLZTH6065K (page 39)
foot mounting options	ILLEFUSSTTK, ILLEFUSSTTHDK (page 34)
internal bypass	alternative bypass settings (1bar / 5bar)

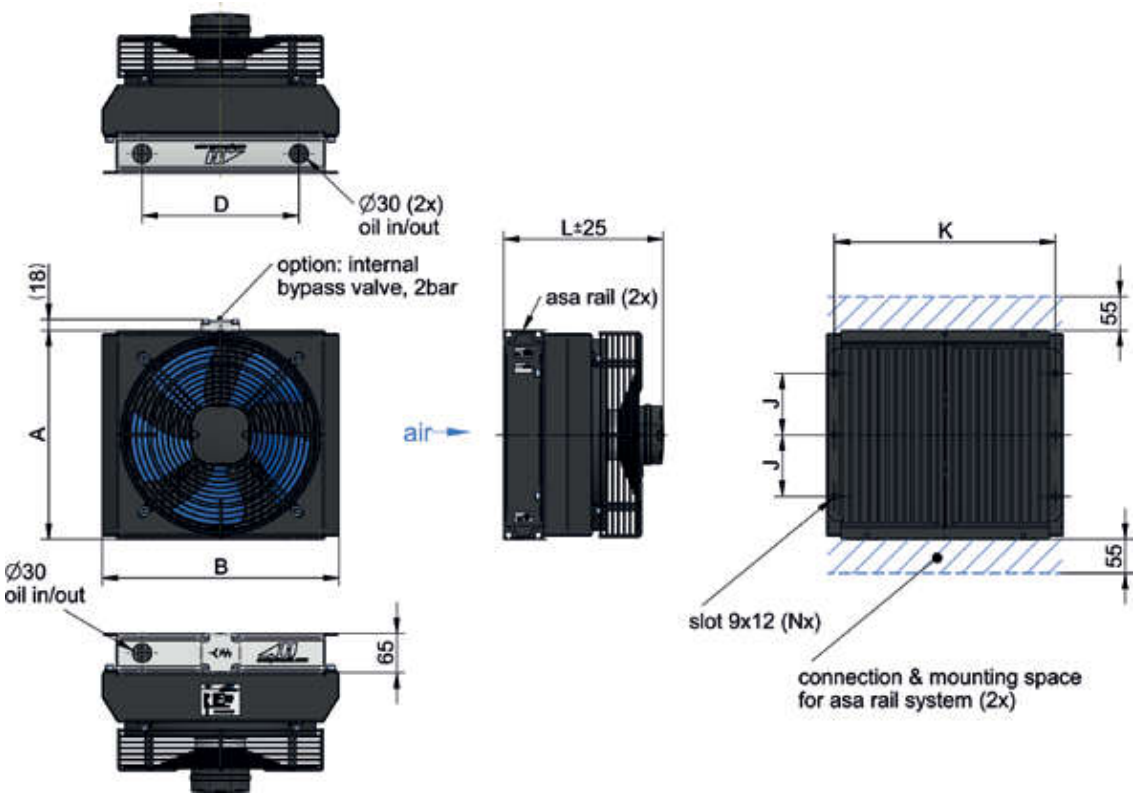
H-Set

Contact us for further information

Installation System (see more information on page 32)

connection BSP 1"	ILLZSET5G25 (1 set per cooler required)
connection BSP 1 ¼"	ILLZSET5G32 (1 set per cooler required)

TT Series COMPACT Oil / Air Cooler
230V 50Hz AC



Dimensions

order number	description	A	B	D	J	K	L	N	weight
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]		[kg]
ASATT05RC2E	TT 05 rail 230V/50Hz/2pol compact	235	250	118	75	225	260	4	7,0
ASATT07RC2E	TT 07 rail 230V/50Hz/2pol compact	300	325	176	86	290	260	4	9,0
ASATT11RC4E	TT 11 rail 230V/50Hz/4pol compact	340	385	256	100	360	260	6	11,8
ASATT11RC2E	TT 11 rail 230V/50Hz/2pol compact	340	385	256	100	360	260	6	12,0
ASATT13RC4E	TT 13 rail 230V/50Hz/4pol compact	420	410	255	233	386	260	4	14,9
ASATT16RC4E	TT 16 rail 230V/50Hz/4pol compact	465	465	328	153	436	280	6	19,6

Technical Data

order number	description	motor power	current	protection	rotation	air flow	noise level	optional internal bypass (2 bar)
		[kW]	[A]		[rpm]	[kg/s]	[db(A)]	cooler order number
ASATT05RC2E	TT 05 rail 230V/50Hz/2pol compact	0,055	0,25	IP 44	2500	0.16	66	on request
ASATT07RC2E	TT 07 rail 230V/50Hz/2pol compact	0,100	0,45	IP 44	2480	0,29	66	ASATT07RC2EBP
ASATT11RC4E	TT 11 rail 230V/50Hz/4pol compact	0,090	0,42	IP 44	1350	0,34	57	ASATT11RC4EBP
ASATT11RC2E	TT 11 rail 230V/50Hz/2pol compact	0,124	0,55	IP 44	2400	0,39	66	ASATT11RC2EBP
ASATT13RC4E	TT 13 rail 230V/50Hz/4pol compact	0,130	0,66	IP 44	1429	0,65	62	ASATT13RC4EBP
ASATT16RC4E	TT 16 rail 230V/50Hz/4pol compact	0,220	1,10	IP 54	1350	0,68	64	ASATT16RC4EBP

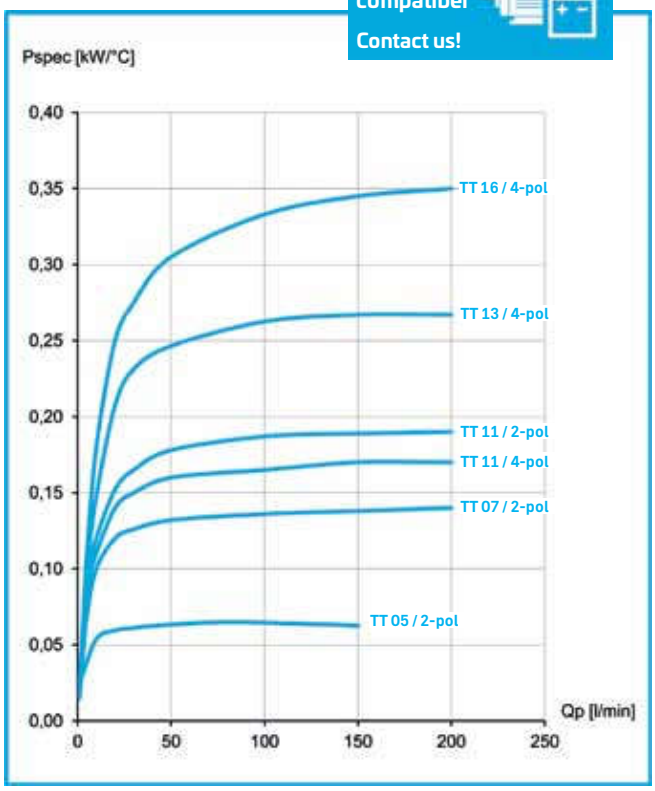
TT Series COMPACT Oil / Air Cooler
230V 50Hz AC

Performance

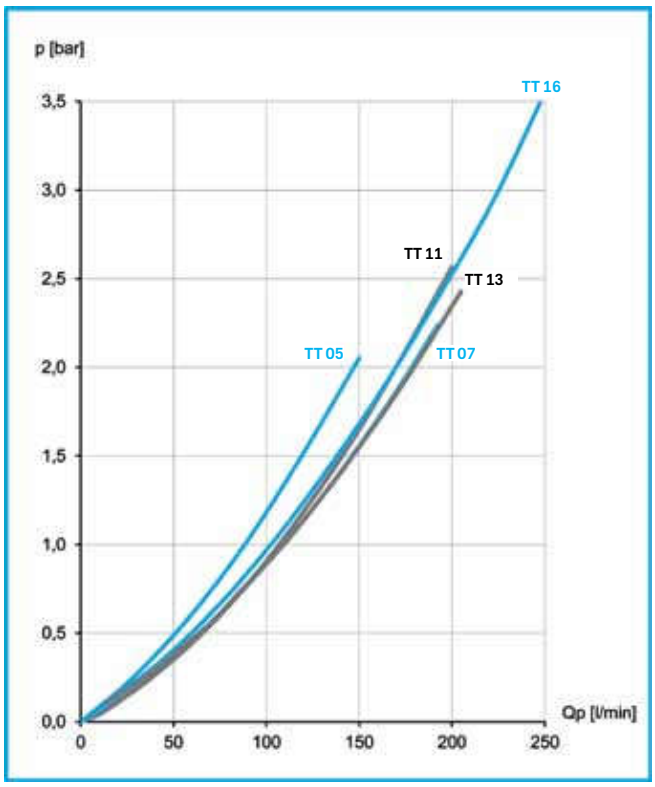
specific cooling performance

all products water/glycol compatibel

Contact us!



pressure drop at 30cSt



Radiator Style B

material:	aluminum
working temperature range:	–20°C to +80°C (oil temperature)*
air fin shape:	wavy
working pressure:	26 bar (static)

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

Options

115V, 60Hz	on request
230/400V 50Hz 3-phase	on request
temperature control	ILLZTCACK (page 40)
temperature switches	ILLZTH4765K, ILLZTH6065K (page 39)
foot mounting options	ILLEFUSSTTK, ILLEFUSSTTHDK (page 34)
internal bypass	alternative bypass settings (1bar / 5bar)

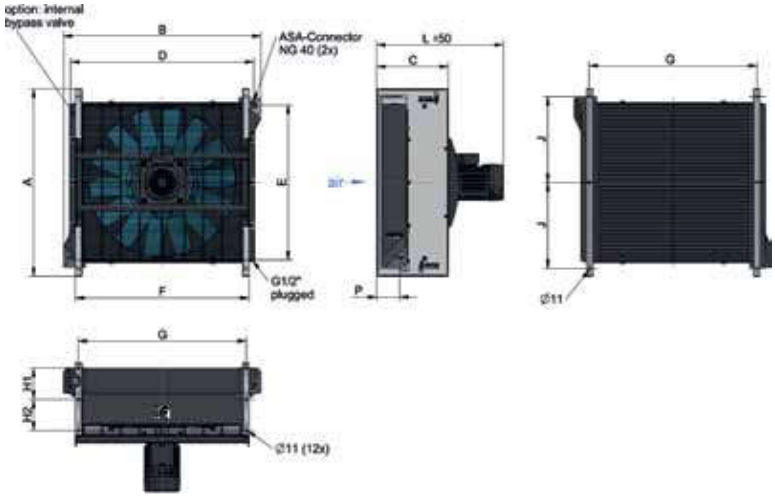
H-Set

Contact us for further information

Installation System (see more information on page 32)

connection BSP 1"	ILLZSET5G25 (1 set per cooler required)
connection BSP 1 ¼"	ILLZSET5G32 (1 set per cooler required)

ASA Series Oil / Air Cooler
230/400 50Hz AC



Dimensions

order number	description	A	B	C	D	E	F	G	H1	H2	J	L	P	weight
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
ASA0177AA64	ASA 0177 0,18kW AC	530	582	260	534	416	462	442	120	90	490	486	89	39,3
ASA0177AA44	ASA 0177 0,25kW AC	530	582	260	534	416	462	442	120	90	490	486	89	38,7
ASA0177AA25	ASA 0177 0,55kW AC	530	582	260	534	416	462	442	120	90	490	486	89	38,5
ASA0257AA66	ASA 0257 0,37kW AC	635	682	270	634	501	562	542	110	110	280	520	93	53,2
ASA0257AA47	ASA 0257 0,75kW AC	635	682	270	634	501	562	542	110	110	280	520	93	55
ASA0367AA66	ASA 0367 0,37kW AC	720	762	280	715	596	676	656	120	120	330	533	92	63,2
ASA0367AA47L	ASA 0367 0,75kW AC*	720	762	280	715	596	676	656	120	120	330	533	92	63,2
ASA0367AA47	ASA 0367 0,75kW AC	720	762	280	715	596	676	656	120	120	330	533	92	64,9
ASA0467AA66	ASA 0467 0,37kW AC	785	837	290	789	668	758	738	125	125	375	550	94	79,9
ASA0467AA47	ASA 0467 0,75kW AC	785	837	290	789	668	758	738	125	125	375	550	94	81,6
ASA0467AA4A	ASA 0467 2,20kW AC	785	837	290	789	668	758	738	125	125	375	633	94	105,3
ASA0567AA66	ASA 0567 0,37kW AC	860	920	290	865	746	826	806	125	125	400	543	92	81
ASA0567AA47	ASA 0567 0,75kW AC	860	920	290	865	746	826	806	125	125	400	543	92	82,7
ASA0567AA4A	ASA 0567 2,20kW AC	860	920	290	865	746	826	806	125	125	400	626	92	112,4
ASA0727AA6A	ASA 0727 1,50kW AC	960	1012	360	964	852	936	912	160	160	460	640	95	134,6
ASA0727AA4A	ASA 0727 2,20kW AC	960	1012	360	964	852	936	912	160	160	460	640	95	131,5
ASA0927AA6A	ASA 0927 1,50kW AC	1100	1170	320	1115	912	1058	1031	130	130	522,5	664	87	156,4
ASA0927AA6E	ASA 0927 4,00kW AC	1100	1170	320	1115	912	1058	1031	130	130	522,5	723	87	196

**... low noise version*

Technical Data

order number	description	motor power	current	motor size	protection	rotation	air flow	noise level	optional internal bypass (2 bar)
		[kW]	[A]			[rpm]	[kg/s]	[db(A)]	cooler order number
ASA0177AA64	ASA 0177 0,18kW AC	0,18	0,80	71	IP 55	920	0,55	62	ASA0177AA64BP
ASA0177AA44	ASA 0177 0,25kW AC	0,25	0,73	71	IP 55	1395	0,86	74	ASA0177AA44BP
ASA0177AA25	ASA 0177 0,55kW AC	0,55	1,32	71	IP 55	2775	1,06	91	ASA0177AA25BP
ASA0257AA66	ASA 0257 0,37kW AC	0,37	1,17	80	IP 55	935	0,75	68	ASA0257AA66BP
ASA0257AA47	ASA 0257 0,75kW AC	0,75	1,70	80	IP 55	1445	1,14	79	ASA0257AA47BP
ASA0367AA66	ASA 0367 0,37kW AC	0,37	1,17	80	IP 55	935	0,94	73	ASA0367AA66BP
ASA0367AA47L	ASA 0367 0,75kW AC*	0,75	1,70	80	IP 55	1445	1,20	79	ASA0367AA47BPL
ASA0367AA47	ASA 0367 0,75kW AC	0,75	1,70	80	IP 55	1445	1,47	83	ASA0367AA47BP
ASA0467AA66	ASA 0467 0,37kW AC	0,37	1,17	80	IP 55	935	1,12	74	ASA0467AA66BP
ASA0467AA47	ASA 0467 0,75kW AC	0,75	1,70	80	IP 55	1445	1,77	84	ASA0467AA47BP
ASA0467AA4A	ASA 0467 2,20kW AC	2,20	4,80	100	IP 55	1455	2,20	88	ASA0467AA4ABP
ASA0567AA66	ASA 0567 0,37kW AC	0,37	1,17	80	IP 55	935	1,21	74	ASA0567AA66BP
ASA0567AA47	ASA 0567 0,75kW AC	0,75	1,70	80	IP 55	1445	1,89	81	ASA0567AA47BP
ASA0567AA4A	ASA 0567 2,20kW AC	2,20	4,80	100	IP 55	1455	2,80	88	ASA0567AA4ABP
ASA0727AA6A	ASA 0727 1,50kW AC	1,50	3,44	100	IP 55	955	4,80	82	ASA0727AA6ABP
ASA0727AA4A	ASA 0727 2,20kW AC	2,20	4,80	100	IP 55	1455	5,60	92	ASA0727AA4ABP
ASA0927AA6A	ASA 0927 1,50kW AC	1,50	3,44	100	IP 55	955	5,46	86	not available
ASA0927AA6E	ASA 0927 4,00kW AC	4,00	9,70	132	IP 55	965	7,85	89	not available

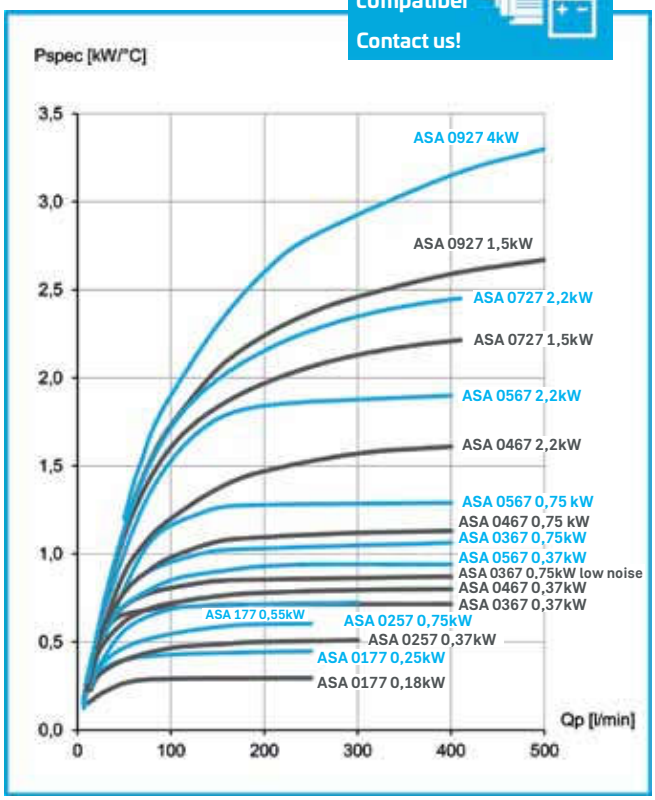
ASA Series Oil / Air Cooler
230/400 50Hz AC

Performance

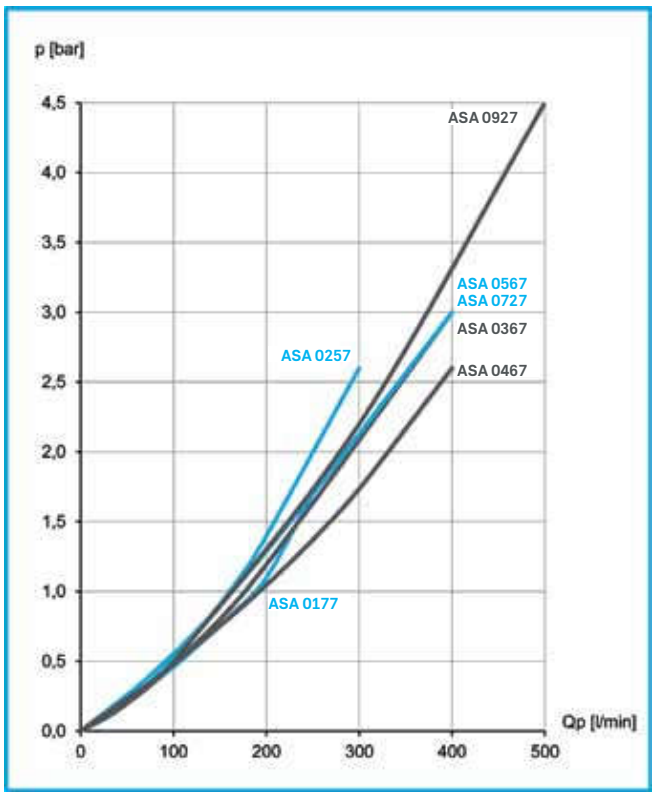
specific cooling performance

all products water/glycol compatibel

Contact us!



pressure drop at 30cSt



Radiator Style C

material:	aluminum
working temperature range:	–20°C to +80°C (oil temperature)*
air fin shape:	wavy
working pressure:	26 bar (static)

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

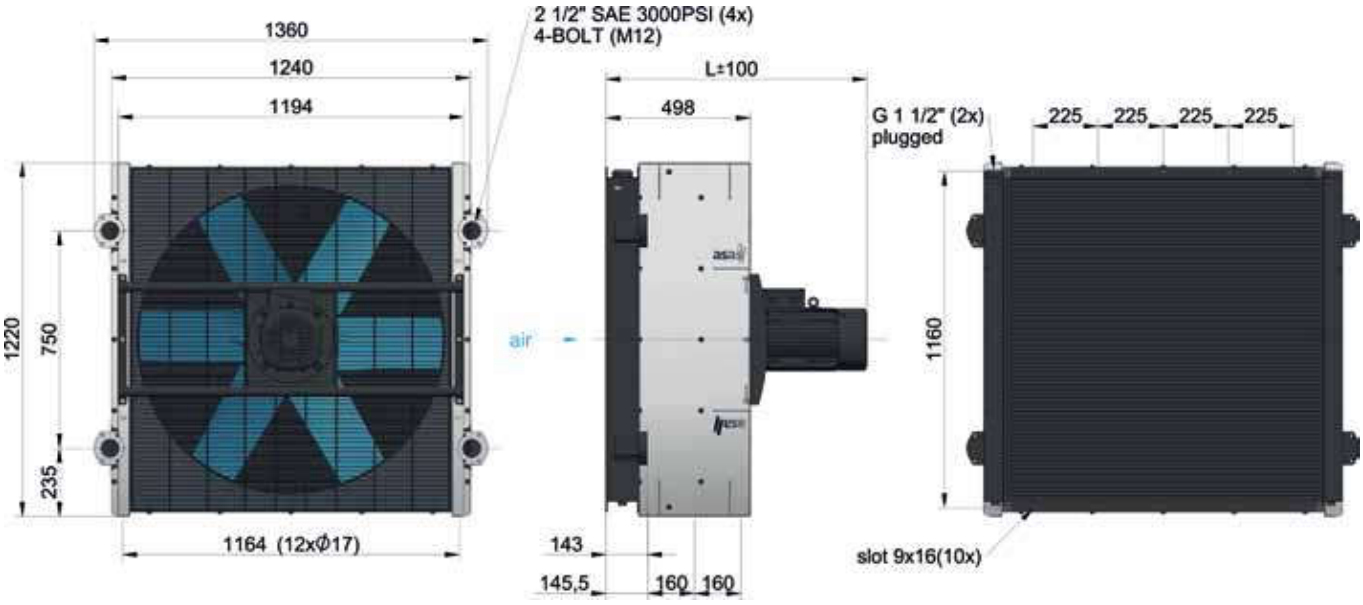
Options

motor data	alternative voltages, frequencies, IP classes, etc on request
temperature switch	ILLZTH4765K, ILLZTH6065K (page 39)
tread plate & radiator guard	see page 35
internal bypass	alternative bypass settings (0,5bar / 3,5bar)
Intermediate plate NG40	ILLZASA40-40G12 (page 33)

Installation System (see more information on page 33)

connection BSP 1 ¼"	ILLZASA32G32 (2 pieces per cooler required)
connection BSP 1 ½"	ILLZASA40G40 (2 pieces per cooler required)

HighLine HL 1248 Oil / Air Cooler
230/400V 50Hz AC / 400/690V 50Hz AC



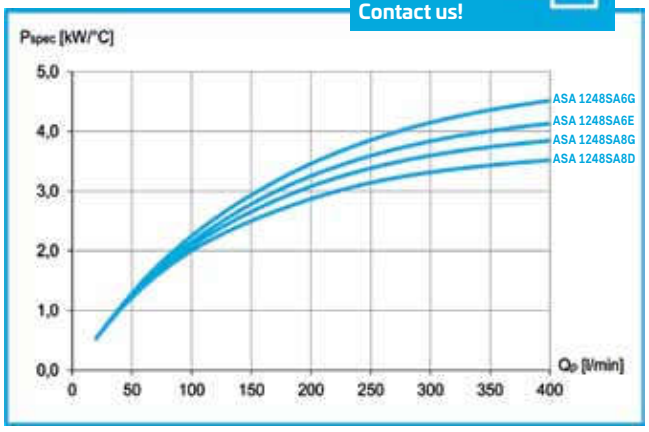
Technical Data

order number	description	motor power	current	protection	rotation	air flow	noise level	weight	L
		[kW]	[A]		[rpm]	[kg/s]	[dB(A)]	[kg]	[mm]
ASA1248SA8D	HL 1248 230/400V 2,20 kW	2,20	5,5	IP 55	720	8,42	83	222	901
ASA1248SA8G	HL 1248 400/690V 4,00 kW	4,00	10,3	IP 55	730	9,68	85	286	1001
ASA1248SA6E	HL 1248 230/400V 4,00 kW	4,00	9,7	IP 55	955	10,66	91	261	901
ASA1248SA6G	HL 1248 400/690V 7,50 kW	7,50	16	IP 55	965	12,24	93	307	1001

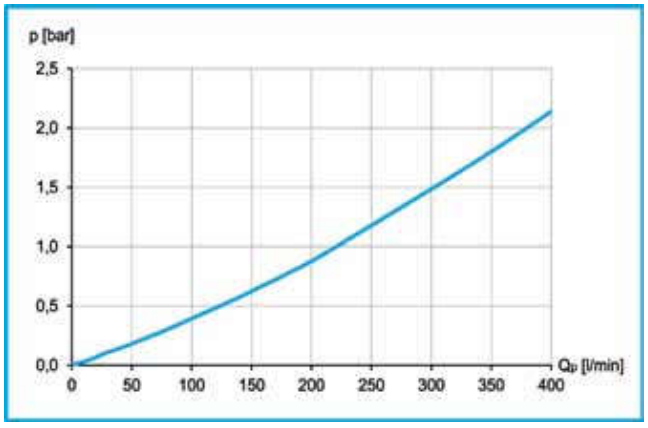
Performance

all products water/glycol compatibel
Contact us!

specific cooling performance



pressure drop at 30cSt



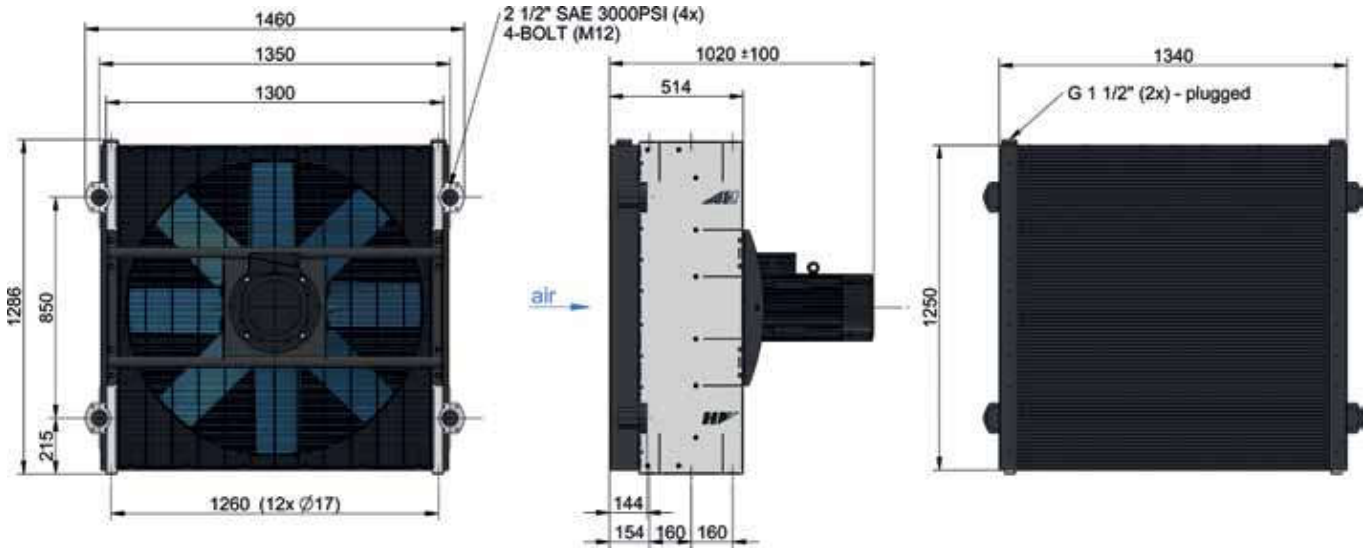
Radiator Style D

material:	aluminium
working temperature range:	–20°C to +100°C (oil temperature)
air fin shape:	wavy
working pressure:	16 bar

Options

hydraulic fan drive	on request

HighLine HL 1508 Oil / Air Cooler
400/690V 50Hz AC



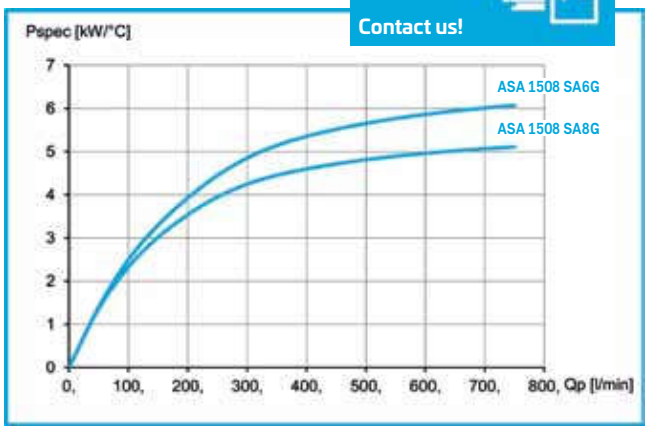
Technical Data

order number	description	power	current	protection	rotation	air flow	noise	weight
		[kW]	[A]		[rpm]	[kg/s]	[dB(A)]	[kg]
ASA1508SA8G	HL 1508 400/690V 4,00 kW	4,0	10,3	IP 55	730	10,1	88	328
ASA1508SA6G	HL 1508 400/690V 7,50 kW	7,5	16,0	IP 55	965	13,1	93	349

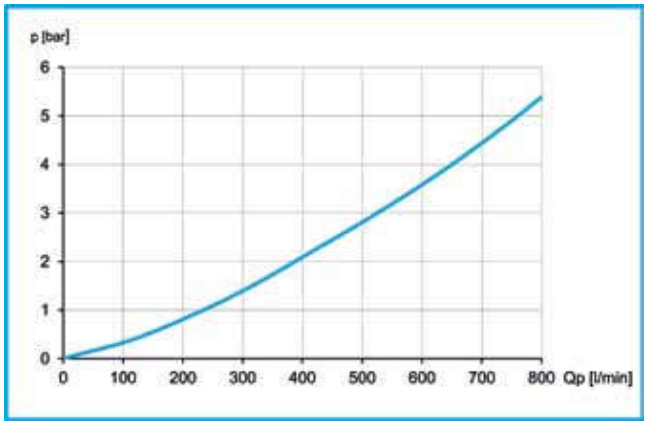
Performance

specific cooling performance

all products water/glycol compatibel
Contact us!



pressure drop at 30cSt



Radiator Style D

material:	aluminium
working temperature range:	–20°C to +100°C (oil temperature)
air fin shape:	wavy
working pressure:	16 bar (static)

Options

hydraulic fan drive	on request