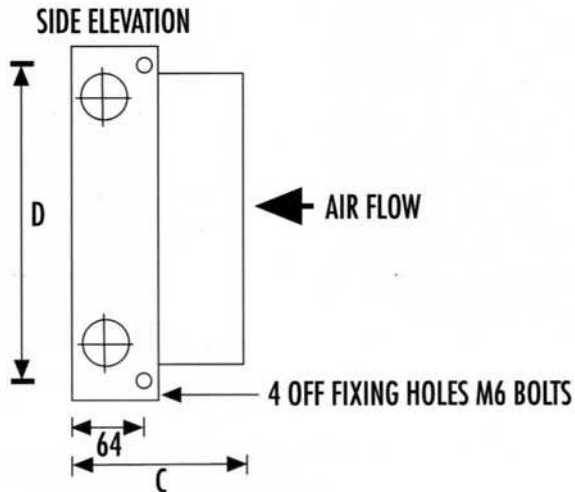
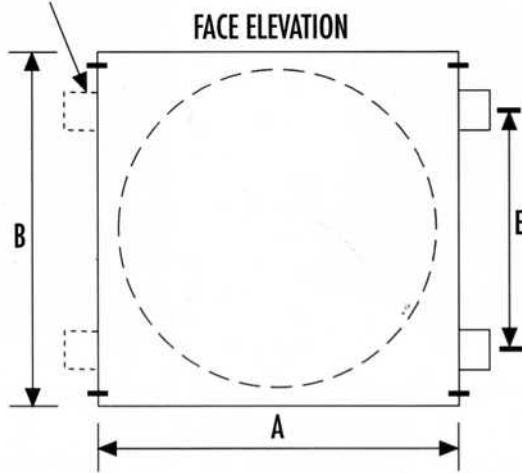




EXTRA PORTS FOR 2 PASS

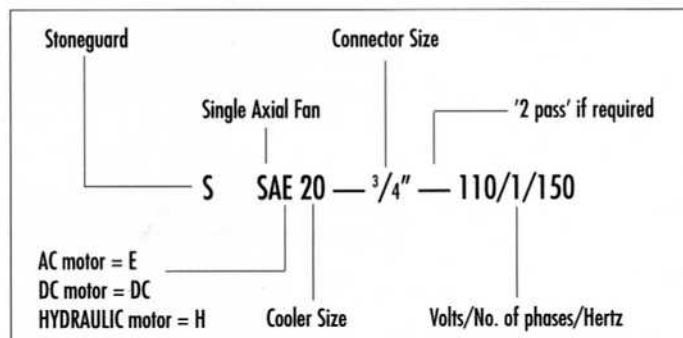


DIMENSIONS

* SADC = 318

Cooler Size	A	B	C			D	E
			SAE	SADC	SAH		
2	133	210	120	120	—	188	132
6	155	330	120	140	205	308	252
10	205	330	165	165	205	308	252
DA2E 14	350	330	150	—	—	308	252
14	275	330	165	150	205	308	252
20	350	330	165	165	205	308*	252
26	350	330	—	—	205	318	252
25	375	330	—	165	—	318	252

ORDER INFORMATION



Accessories Stoneguard, to protect radiator; denote with prefix 'S' as above.
Fingerguard: standard with AC electric motors: call up by words on 'SADC' and 'SAH' versions.
Thermostats holder blocks must be ordered separately.
Variable fan speed controllers to special order.

TECHNICAL INFORMATION

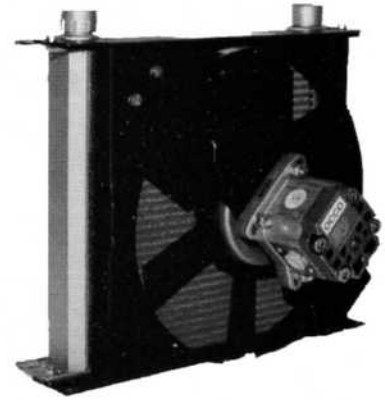
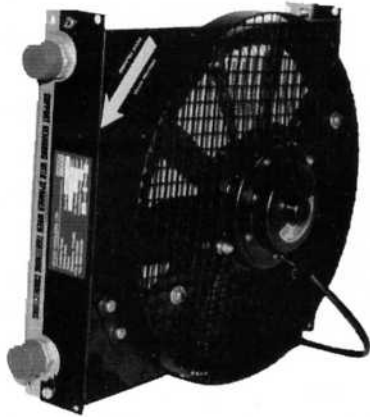
Cooler Size	Fan Motor Power Watts		AC Motor (SAE)					DC Motor (SADC)			Hydraulic Motor (SAH)		Weight kg		
	AC	DC	Fan Motor Current Amps			Insul. Class	Encl. IP	Fan Motor Current Amps			Flow* litres/min	Pressure* bar	SAE	SADC	SAH
			110/115v 1ph 50/60hz	220/240v 1ph 50/60hz	380/415v 3ph 50/60hz			12v	24v	48v					
2	23	6.24	0.28	0.15	—	E	22	0.52	0.25	0.13	—	—	2	2	—
6	26	17	0.26	0.13	—	B	20	1.4	0.7	0.35	—	—	3	3	—
10	56	60	0.5	0.26	0.15	B	44	5	2.5	—	10	34	5.5	4	5
DA2E 14	2 x 26	—	2 x 0.26	2 x 0.13	—	B	20	—	—	—	—	—	6	—	—
14	130	72	1.2	0.6	0.21	B	44	6	3	—	10	34	6.5	4.5	5
20	130	96	1.2	0.6	0.21	B	44	8	4	—	10	34	7.5	6	6
26	—	—	—	—	—	—	—	—	—	—	10	34	—	—	7.5
25	—	144	—	—	—	—	—	12	4	—	—	—	—	7	—

* Figures shown are start up pressures, running pressure may be lower. All figures shown are based on a 3cc/per rev motor. Other motor options can be fitted.

Note:
Certified Dim. Drgs. are available if required.
Terrotechnical information sheets are sent with each cooler, or earlier if requested.
We reserve the right to change details without prior notice.

MINI range — selection

OCCO



INTRODUCTION

Designed for incorporation into client's machines, these coolers have the lowest size and weight of any. The simple design and low power fan motors make economic assemblies giving a very competitive cost per unit of cooling. The extensive range is built up from a small number of standard stock parts.

RADIATORS

The standard aluminium radiators have a robust construction, type tested with 50,000 pulses of 13 bar (200psi). Each radiator is proof tested to 12 bar (185psi) and gives long life at steady pressures up to 7 bar (100psi). For pulse pressures or steady pressures up to 20 bar (300psi). We offer steel radiators on certain sizes. (See also KG and SL ranges for higher pressure ratings).

FAN ROTATION

Most fans are blowers with clockwise rotation viewed from the drive source. But the complete opposite is possible as a special. If vertical air discharge is required, the fan is commonly positioned under the radiator blowing upwards.

FAN NOISE

The noise values are given by the fan manufacturers in dBA and apply to free field conditions. In practice different conditions lead to sound reflection, reverberation and resonance, dependent on installation details. The resulting actual noise levels can be in excess of the nominal figure shown.

MINI-SAE (A.C. MOTOR)

The low powers and currents allow all the single phase types to be driven from control circuit transformers, or normal wall points. Almost all sizes have 3 phase motor options. All motors are rated for high ambient temperatures, and operable on 50 or 60Hz supply, anywhere in the world.

MINI-SADC (D.C. MOTOR)

Most DC types have resin rotor motor construction with high resistance to vibration and very low sparking at the multi-fine brushes. Waterproof plug stats (plus holders) have settings of 45°, 60° or 80° to switch the motors directly without relays.

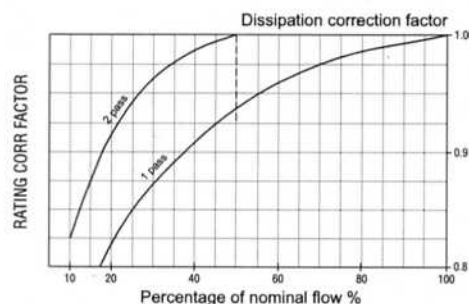
MINI-SAH (HYDRAULIC MOTOR)

Simple, 2 port motors are used, in aluminium or cast iron. The outlet flow must return to tank without restriction although special motors allowing pressured outlets can be fitted. Motor feed pressure/flow is often drawn from a main power line, so standard motor capacity is selected so as to minimise the loss of power.

Cooler Size	Cooling at 100°C Differential oil/ambient kW	Noise Level at 1 metre dBA	Air Flow Litre/Sec.	Air Flow CFM	Part Connection Sizes BSP	Oil Flow Rates litres/min. max.		Δp at nominal flow on ISO46 oil at 70°C (BAR)
						1 pass 2 ports	2 pass 2 x 2 ports	
2	2	44	42	89	1/2"	36	—	0.5
6	6	55	70	148	3/4" or 1"	63	30	1.5
10	10	68	220	466	3/4" or 1"	75	35	1
DA2E 14	14	57	180	381	3/4" or 1"	110	50	1
14	14	72	460	974	3/4" or 1"	90	40	1
20	20	72	470	996	3/4" or 1"	110	50	1
26	26	79	566	1200	3/4" or 1"	110	50	1
25	26		566	1200	3/4" or 1"	140	70	1.4

Flow rates of oil

Nominal flow rates shown when passing through the rads give the full rated cooling capacity. For partial flow rates use curves below to give derating correction factor.



Occo Coolers Telford Ltd

Factory and Sales Office • Unit 19 • St. Georges Road Ind. Est. • Telford, Shropshire • TF2 7QZ • UK
 telephone +44 (0) 1952 616381 • fax +44 (0) 5600 753354 • email sales@occocoolers.co.uk • www.occocoolers.co.uk
 VAT Reg No. GB 884 9994 31 • Registered in England 5838357