SAWA0

Water-air heat exchangers

COOLING CAPACITY	10000 W

STRUCTURE
In polyester powder-coated steel sheet.

AXIAL FAN
Axial fan in aluminium.

LIQUID CIRCUIT
Liquid circuit composed entirely of non-ferrous material in contact with the liquid to prevent contamination. Stainless-steel electric pump with available head of over 3.5 bar, with thermal cut-out. Storage tank, complete with filling.

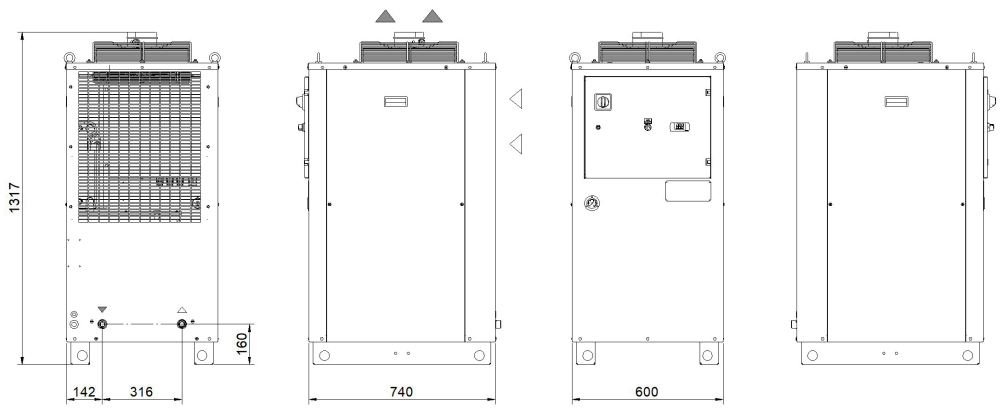
COOLING COIL
Microchannel heat exchanger.

MANAGEMENT AND CONTROL
Power supply cable: 1.5 m.

PAINT/COATING
Standard colour: RAL 7035 textured.

MAIN OPTIONS
LE - Electrical level indicator
FP - Polyurethane air filter
TR - Digital regulation thermostat, temperature display complete with NTC sensor
RU - Castors
AV - Vibration damper supports
Others on customer request

DIMENSIONS



Model		SAWA0
Rated Cooling Capacity*	W	10000
Max. ambient operating temp.	°C	50
Fluid type		Water
Power supply		
Supply voltage	V ph Hz	230V (+/-10%) 1ph 50Hz
Axial Fan		
Fan type		Axial
Quantity	no.	1
Air flow rate	m_3/h	2500 - 2850
Standard Pump		
Pump type		Peripheral
Quantity	no.	1
Nominal/max fluid flow rate	l/min	32 - 80
Nominal available head	bar	3.5
Max. power draw	kW	1.5
Max. current draw	A	6.5
Storage tank capacity	l	50
IN/OUT liquid connections	inch	3/4"
Net weight (approximate)***	kg	90
Width - Depth - Height	mm	600 - 740 - 1317
Sound pressure level**	dB(A)	38
IP rating	IP	44

* Data relates to operation under the following conditions: outlet temp. 50°C water, ambient temperature 35°C.

** Sound pressure level, measured in a free hemispherical field at a distance of 1 m from the machine and 1.5 metres from the ground, per ISO 3746.

*** Weights with storage tank empty and all packaging removed.

The electrical data refer to cos φ = 0.8.

Correction factors for calculating the cooling power												
T water- T ambient ΔT	**Fw**	°C		**5**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	
		factor		0.38	0.67	1.00	1.30	1.67	1.91	2.32	2.55	
Percentage glycol by weight	**Fg**	%		**0**	**10**	**15**	**20**	**25**	**30**	**35**	**40**	
		factor		1.00	0.97	0.96	0.95	0.94	0.93	0.91	0.90	
Cooling power = Nominal cooling power x Fo x Fa x Ft												