

SAWA0

Water-air heat exchangers

COOLING CAPACITY

10000 W



MANAGEMENT AND CONTROL

Power supply cable: 1.5 m.

PAINT/COATING

Standard colour: RAL 7035 textured.

MAIN ACCESSORIES (ref. page 189)

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

STRUCTURE

In powder-coated steel sheet

AXIAL FAN

Aluminium axial fan, diameter 350 mm.

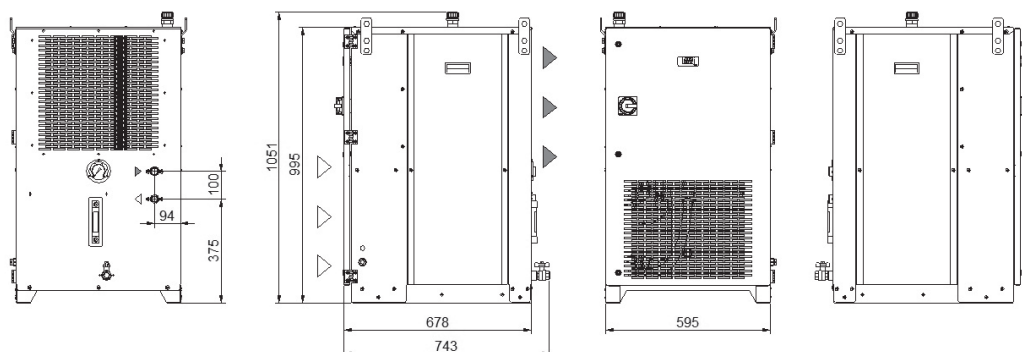
LIQUID CIRCUIT

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. Protective water flow switch.

COOLING COIL

Dual finned aluminium cooling coil with copper tubes.

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 x d.350 mm
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		
Storage tank capacity	l	25
IN/OUT liquid connections	inch	3/4"
Net weight (approximate)***	kg	90
Width	mm	595
Depth	mm	678
Height	mm	995
Sound pressure level**	dB(A)	38
IP rating	IP	44
<p>* Data relates to operation under the following conditions: outlet temp. 50°C water, ambient temperature 35°C.</p> <p>** 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.</p> <p>*** Weights with storage tank empty and all packaging removed.</p> <p>**** The electrical data refer to cos φ = 0.8.</p> <p>***** Permitted inlet/outlet temperature range -5 / +60°C.</p>		

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												