SAW10

Water-air heat exchangers

COOLING CAPACITY **1500-1750 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 request

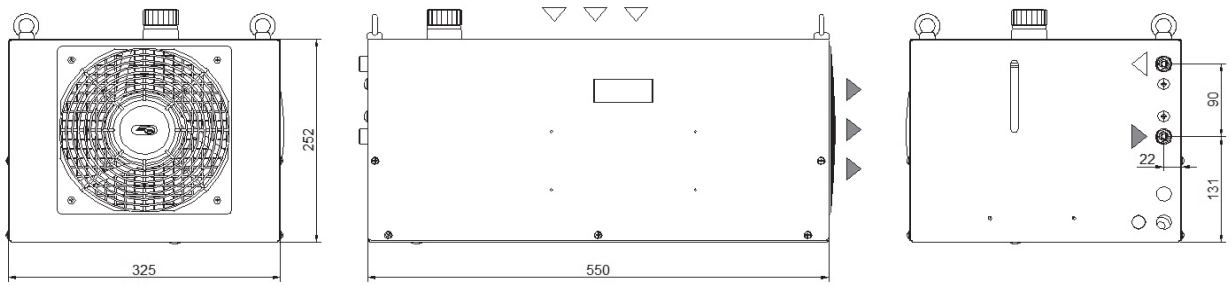
STRUCTURE
In powder-coated steel sheet

AXIAL FAN
Aluminium axial fan, diameter 200 mm.

LIQUID CIRCUIT
Liquid circuit composed entirely of non-ferrous material in contact with the liquid to prevent contamination. Brass electric pump with 3 bar available head with thermal cut-out. Storage tank, complete with filling. Protective water flow switch.

COOLING COIL
Finned aluminium cooling coil with copper tubes.

Dimensions



Model		SAW10	
		50Hz	60Hz
Rated Cooling Capacity*	W	1500	1750
Max. ambient operating temp.	°C	50	
Fluid type		Water	
Power supply			
Supply voltage	V ph Hz	230V (+/-10%) 1ph 50/60Hz	
Axial Fan			
Fan type		Axial	
Quantity	no.	1 x d.200 mm	
Air flow rate	m3/h	700 - 820	
Standard Pump			
Pump type		Peripheral	
Quantity	no.	1	
Nominal/max fluid flow rate	l/min	9.0 - 16.0	12.0 - 18.0
Nominal available head	bar	3.2	
Max. power draw	kW	0.6	0.8
Max. current draw	A	2.7	3.3
Storage tank capacity	l	10	
IN/OUT liquid connections	inch	1/4"	
Net weight (approximate)***	kg	12	
Width	mm	325	
Depth	mm	550	
Height	mm	252	
Sound pressure level**	dB(A)	38	
IP rating	IP	34	

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

** Sound pressure level at 50Hz, 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.

***** Permitted inlet/outlet temperature range -5 / +60°C.

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												