

RAC

Remote water chillers with axial fans



GENERAL DESCRIPTION

Each radiator of the RAC series consists of:

- a stainless steel pre-painted casing;
- a heat exchanger, made of copper tube and aluminium finned pack;
- one or more axial fans with balanced impeller, directly coupled to three-phase electric motor with IP54 protection grading. The fan is fitted with galvanized steel accident prevention guard;
- thermostat for water temperature control;
- IP 55 terminal board for electric connections, housed in a sealed box;
- contactor and fuses.

RAC - TECHNICAL DATA

Unit size		8	14	22	34	47
Dissipated power	kW	7,23	12	18,6	27,9	40,5
Liquid flow rate	l/s	0,37	0,62	0,96	1,45	2,10
Pressure drop	kPa	25	26	20	19	21
Electric fans	N°x ø mm	1 x 500	1 x 500	2 x 500	3 x 500	2 x 630
Power input	kW	0,24	0,24	0,48	0,72	0,52
No. of revs	'/min (RPM)	860	860	860	860	640
Internal volume	l	3	8	8	13	36
Sound lev.(10 m in free field)dB(A)		41	41	44	46	44
Supply voltage	V/ph/Hz	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
Dimensions						
Width	mm	895	895	1595	2295	2498
Depth	mm	370	370	370	370	520
Height	mm	706	706	706	706	1092
Weight	kg	33	46	66	93	180

Unit size		64	72	88	134
Dissipated power	kW	52,7	60,8	72,3	111
Liquid flow rate	l/s	2,70	3,15	3,73	5,71
Pressure drop	kPa	12	21	17	25
Electric fans	N°x ø mm	3 x 630	3 x 630	2 x 800	3 x 800
Power input	kW	0,78	0,78	1,44	2,16
No. of revs	'/min (RPM)	640	640	680	680
Internal volume	l	40	49	49	70
Sound lev.(10 m in free field)dB(A)		46	46	51	53
Supply voltage	V/ph/Hz	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
Dimensions					
Width	mm	3578	3578	2838	4037
Depth	mm	520	520	670	670
Height	mm	1092	1092	1692	1692
Weight	kg	231	261	315	462

Ambient air temperature 32°C.
 Inlet/outlet liquid temperature 45-40°C.
 Water/ethylene glycol mixture at 30% in weight.