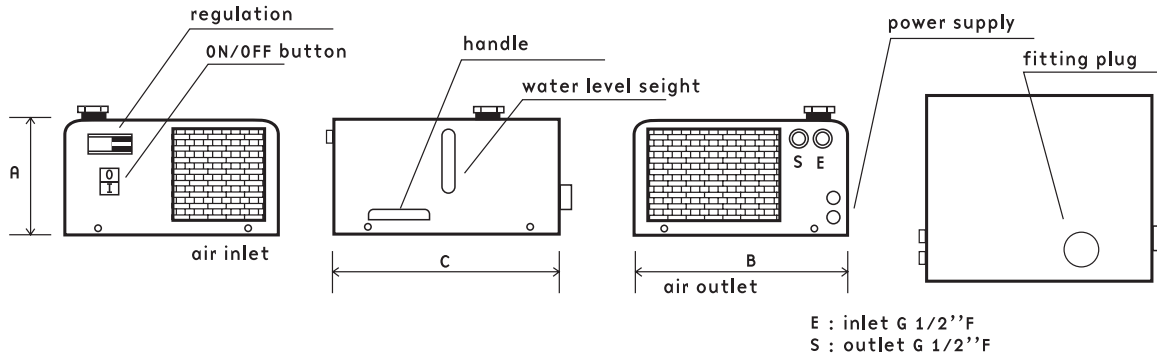
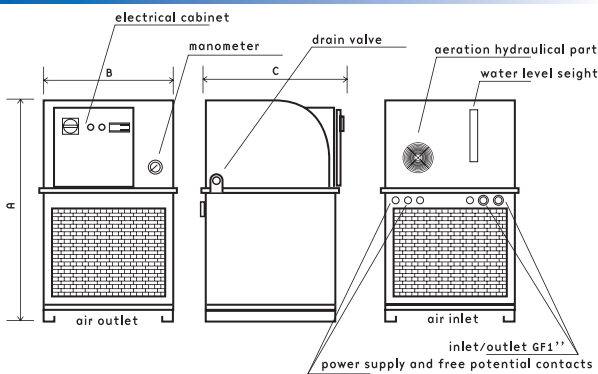


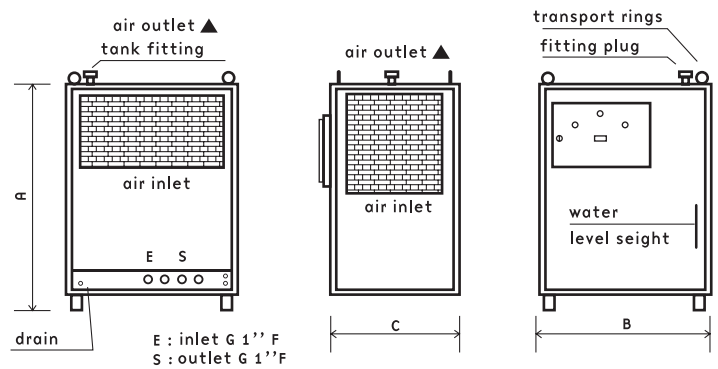
DIMENSIONS RFC 02-20



RFI 30-40



RFI 80-160



CARACTERISTICS

		RFC 02#	RFC 07#	RFC 12#	RFC 12T	RFC 20#	RFC 20T	RFC 30	RFC 30T	RFI 30#	RFI 30T#	RFI 45#	RFI 45T#	RFI 80	RFI 100	RFI 160			
Power supply	V-Hz	230-1-50			400-3-50			230-1-50			400-3-50			230-1-50			400-3-50		
Nominal cooling current *	kW	0,2	0,7	1,2	1,2	2	2	2,9	2,9	2,9	2,9	4,5	4,6	7,5	10	16			
	kcal/h	170	600	1 030	1030	1720	1720	2580	2580	2 580	2580	3 960	3 960	6 460	8 620	13 760			
Total input power	kW	0,49	0,79	1,05	0,95	1,55	1,45	1,83	1,85	1,83	1,83	2,3	2,9	4,2	5,7	7			
Running current	A	2,5	4,2	5,4	2,1	6,8	2,9	7,3	4,1	7,3	4,1	13,6	6	8	10,6	13			
Starting running	A	8,5	14	18,6	7,5	36	10,3	35	18	35	18	59	25	41,3	64,4	85			
Water flow	l/min	1-12	10-60	3-50	3-50	3-50	3-50	3-50	3-50	3-50	3-50	3-50	3-50	3-50	3-50	3-50			
Pressure range	bar	3,5-0,5	1,5-0,7	2,6-1,6	2,6-1,6	2,6-1,6	2,6-1,6	2,6-1,6	2,6-1,6	2,6-1,6	2,6-1,6	2,2-1,6	2,2-1,6	2,6-1,6	2,6-1,6	2,6-1,6			
Water tank volume	l	5	8	8	8	30	30	30	30	30	30	30	30	100	100	100			
Air flow	m ³ /h	255	390	570	570	900	900	1 100	1 100	1 100	1 100	2 000	2 000	4 100	4 820	11 000			
Sound pressure level	dB (A)	60	65	65	65	65	65	65	65	65	69	69	69	69	69	69			
	°C	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40	10-40			
Weight empty	kg	26	40	50	65	72	85	95	95	120	130	135	135	260	280	320			
	A mm	260	310	360	360	450	450	825	825	1 050	1 050	1 050	1 050	1 260	1 450	1 450			
Dimensions	B mm	410	460	560	560	660	660	625	625	626	626	626	626	1 050	1 100	1 100			
	C mm	410	620	660	660	760	760	625	625	627	627	627	627	780**	780**	780**			

* With 10°C outlet water, 32°C ambient
Generally available material, modular concept Eurodifroid.

** 840 with cabinet



RFC -RFI Water chillers

DESCRIPTION

RFC-RFI water chillers, in conformity to CE standards, can be used to cool process and machines. They can be placed even in small areas, due to their small dimensions. Hydraulical and electrical connections, as well as maintenance, have been simplified to the maximum, for easier installation and use. These chillers are standard equipped with insulated tank with cover (easy cleaning) and circulating pump.

In order to follow user's needs, many alternatives and options are available.

The range of application's temperature goes from +5°C to +20°C (standard), with possibility to extend from -30°C to +40°C, according to request.

Ambient conditions lie between +10°C and +40°C. For specific applications, limits can be extended

(for example :-20°C to 55°C).

- laser
- electrospindles
- welding
- edm
- linear motors
- sea water aquarium



RFI 45



RFC

STANDARD COMPONENTS

Hermetic compressor
Regulation via electronic thermostat
Air condensing unit
Automatic expansion valve (until RFI 45)
Thermostatic expansion valve (from RFI 80)
Stainless steel tank (RFI 80-100-160)
Refrigerant R407C (from RFI 30)
Immersed copper evaporator (RFC)
Special reinforced plate exchanger
(high resistance to freeze)(RFI 30 to 160)

Integrated circulation pump
Main switch (RFI)
Water level sight
Textured RAL 7032 paint
Polystylen tank (RFI 30-45)
Drain valve
Factory tested, ready for use

OPTIONS AND ALTERNATIVES

Flow controller
Special pump
Stainless steel frame
Differential regulation
PID regulation
Outdoor version