

# RACA 20 ÷ 250 BT Low Temperature



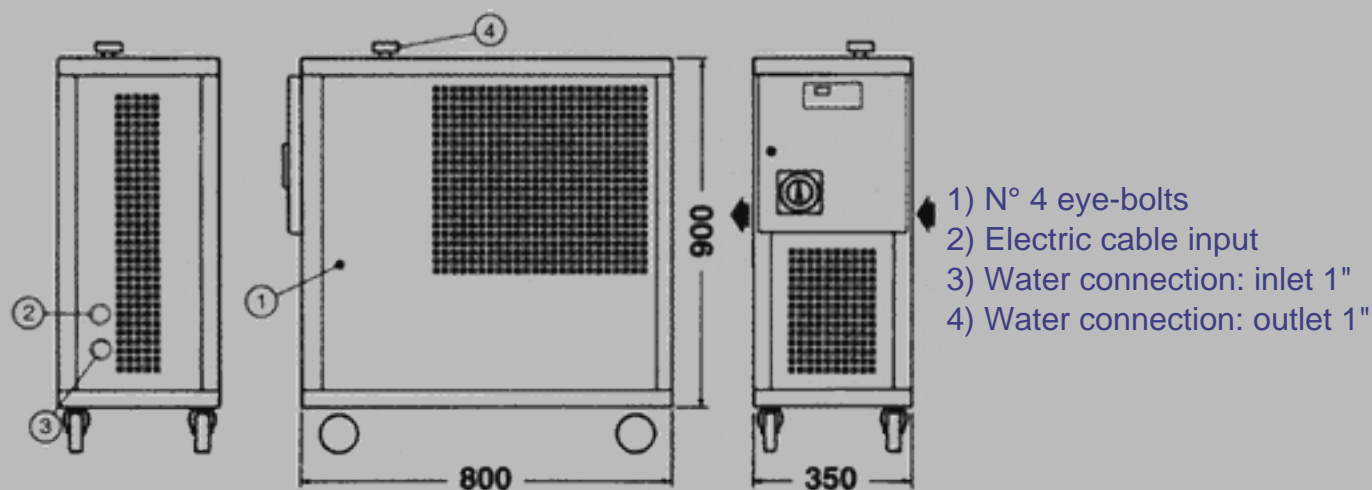
## RACA 20 ÷ 250 BT

Water chiller for low fluid temperature, using unfreezing solutions down to  $-30^{\circ}\text{C}$  the b.t. chillers are manufactured with all the necessary controls for temp. setting and for correct operations. The correct choice of all components and especially the right thermal insulation, give to this product a very good reliability as for all the frigosystem chillers. All RACA b.t. chillers stay for 10 hours under test at all the worst conditions.

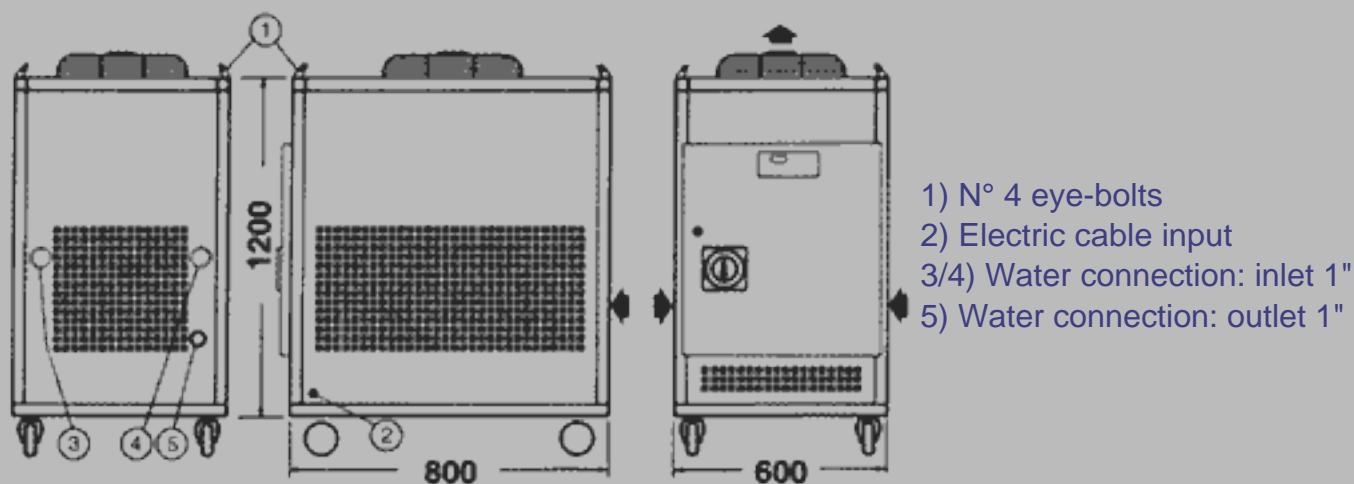
## CONSTRUCTIVE FEATURES

- Disassemblable steel sectioned frame
- Cut and bent steel plate external panelling, stove enamelled
- Electrical board IP44
- Water level indicator for the storage tank
- Threaded connections for connecting up to the user plant
- Complete power plant mounted on rotary wheels in order to facilitate the moving about manoeuvres
- Large-surfaced built-in air condenser, complete with motor-fan, made with copper tubes and aluminium fins
- Dry expansion type water chiller evaporator
- One of the best hermetic compressor
- Chilled water storage tank, made in stainless steel
- Centrifugal pump for circulating the chilled water to and from the user
- Anti-frost probe, situated on the water outlet
- Digital microprocessor controller for commands, temperature adjustment and safety alarms
- Differential pressure switch for protecting the chilled water circuit against irregular operating pressures

# RACA 20 BT



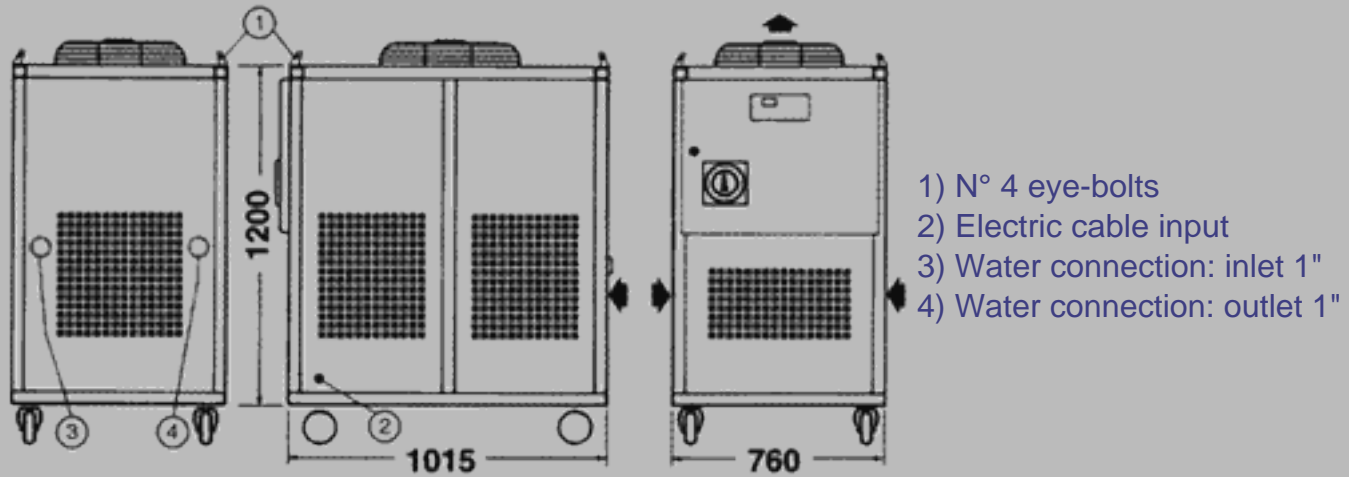
# RACA 40 ÷ 65 BT



## technical details

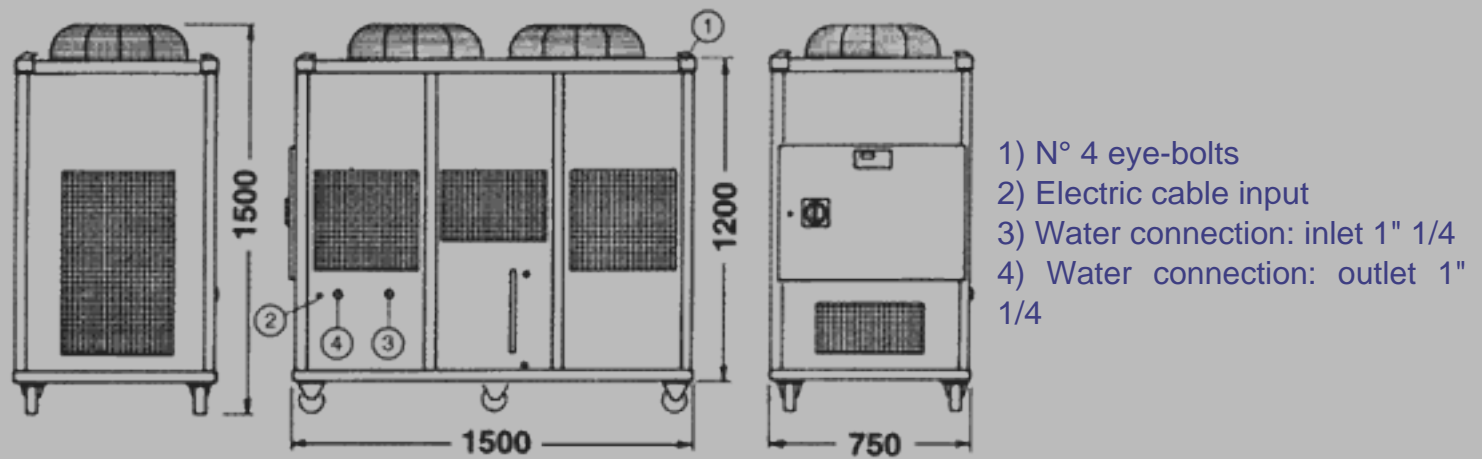
Model	Glicol temperat. A0° C	Glicol temperat. A -10° C	Glicol temperat. A -20° C	Glicol temperat. A -30° C	Pump pressure	Pump flow		Electric absorption
	kW	kW	kW	kW		Bar	A -10° C	
RACA 20 BT	3,7	2,65	2,3	1,2	2/3	7,5	20	2,1
RACA 40 BT	6,5	4,3	3,2	1,8	2/3	12,5	30	3,4
RACA 65 BT	10,2	6,7	5	3,4	2/3	19	40	6,7
RACA 80 BT	15,1	9,2	7,3	4,2	2/3	27	60	8,3
RACA 120 BT	20	12,7	9,5	6,1	2/3	36	80	11,8
RACA 150 BT	25,8	17	14,2	8,5	2/3	50	100	15
RACA 170 S BT	31,5	23,6	18,3	12,7	2/3	69	130	19,8
RACA 250 S BT	45	29,7	21,2	17,2	2/3	87	230	31

# RACA 80 BT



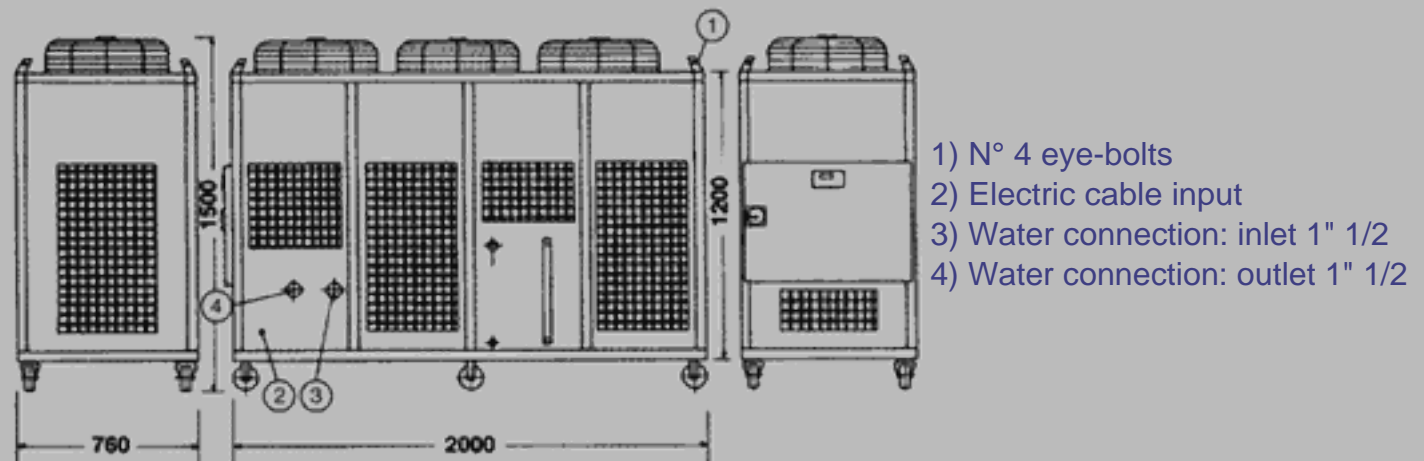
- 1) N° 4 eye-bolts
- 2) Electric cable input
- 3) Water connection: inlet 1"
- 4) Water connection: outlet 1"

# RACA 120 BT



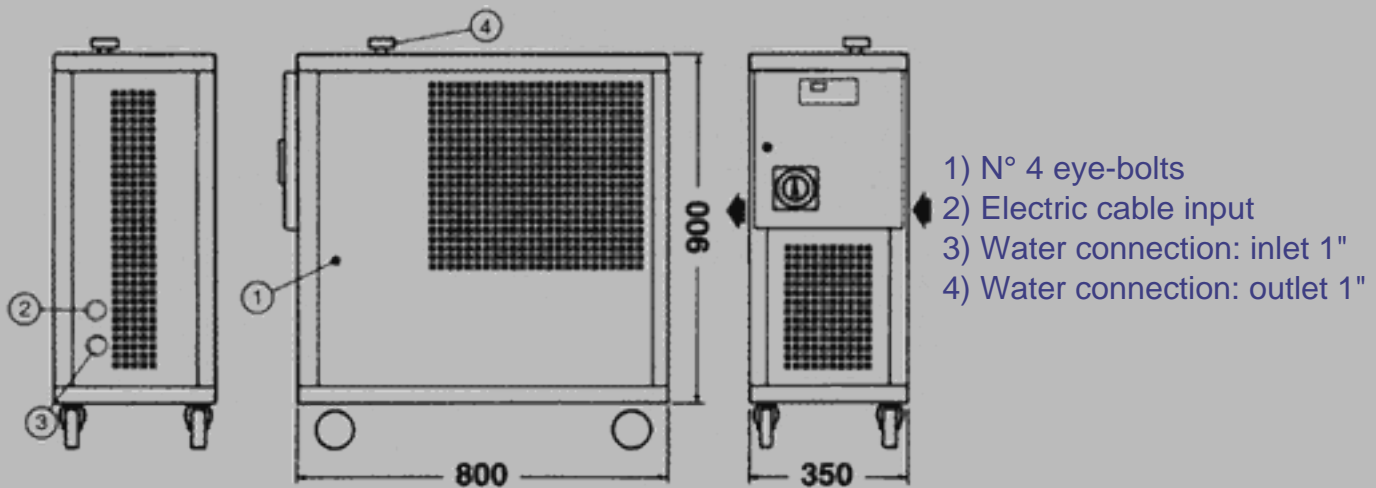
- 1) N° 4 eye-bolts
- 2) Electric cable input
- 3) Water connection: inlet 1" 1/4
- 4) Water connection: outlet 1" 1/4

# RACA 150 ÷ 250 BT

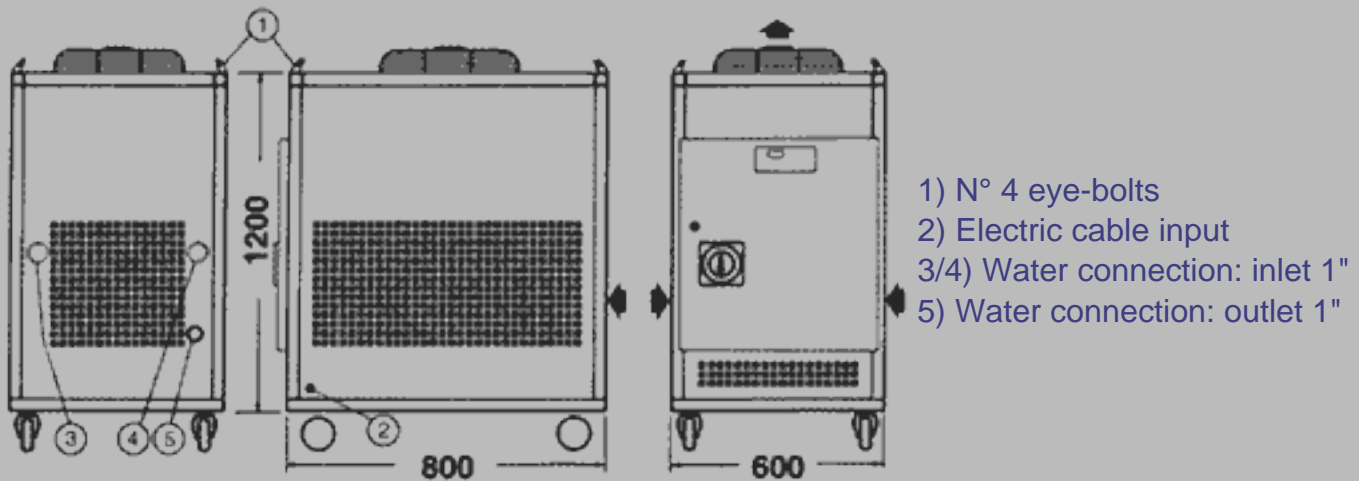


- 1) N° 4 eye-bolts
- 2) Electric cable input
- 3) Water connection: inlet 1" 1/2
- 4) Water connection: outlet 1" 1/2

# RACA 20 BT



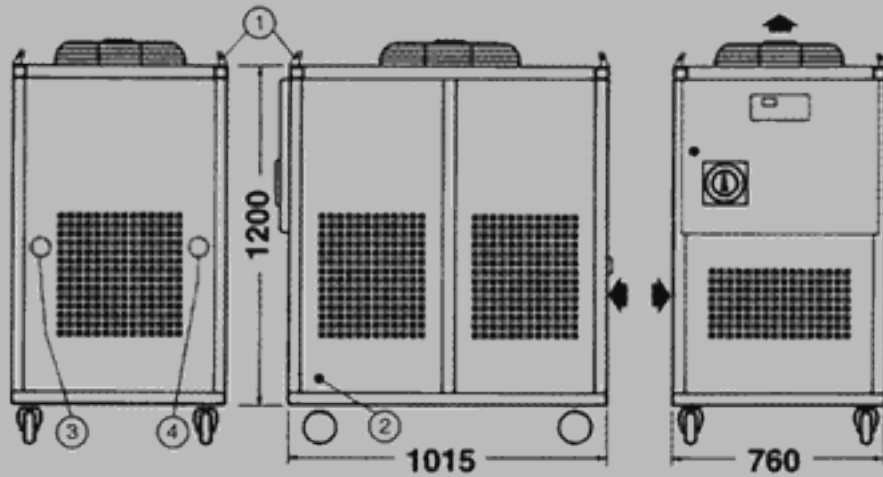
# RACA 40 ÷ 65 BT



## technical details

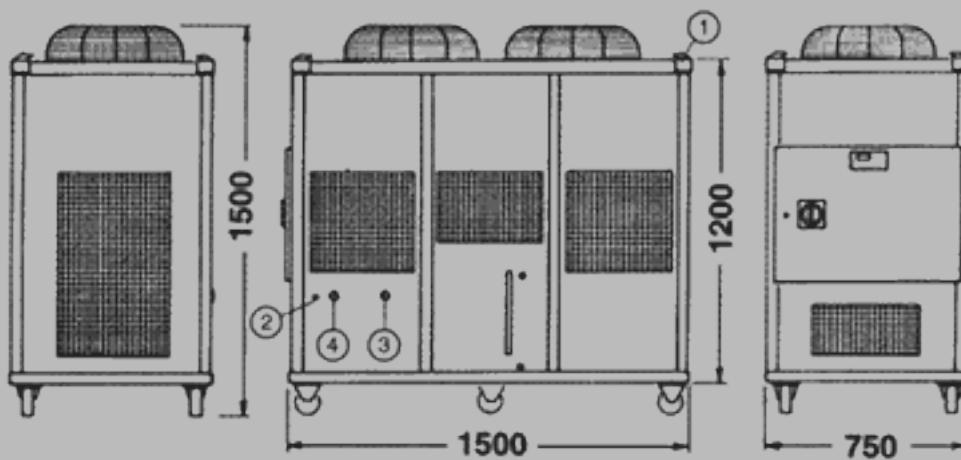
Model	Glicol temperat. A0° C	Glicol temperat. A -10° C	Glicol temperat. A -20° C	Glicol temperat. A -30° C	Pump pressure	Pump flow		Electric absorption
	kW	kW	kW	kW		A -10° C	A +10° C	
RACA 20 BT	3,7	2,65	2,3	1,2	2/3	7,5	20	2,1
RACA 40 BT	6,5	4,3	3,2	1,8	2/3	12,5	30	3,4
RACA 65 BT	10,2	6,7	5	3,4	2/3	19	40	6,7
RACA 80 BT	15,1	9,2	7,3	4,2	2/3	27	60	8,3
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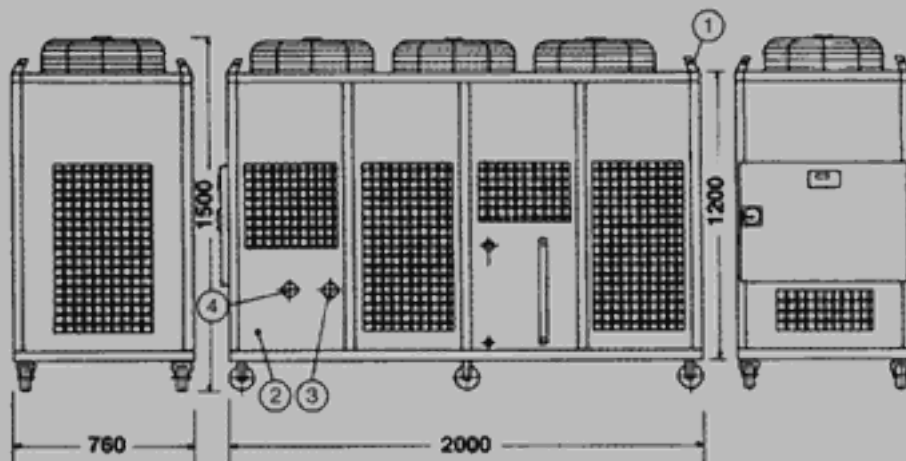
- 1) N° 4 eye-bolts
- 2) Electric cable input
- 3) Water connection: inlet 1"
- 4) Water connection: outlet 1"

# RACA 120 BT



- 1) N° 4 eye-bolts
- 2) Electric cable input
- 3) Water connection: inlet 1" 1/4
- 4) Water connection: outlet 1" 1/4

# RACA 150 ÷ 250 BT



- 1) N° 4 eye-bolts
- 2) Electric cable input
- 3) Water connection: inlet 1" 1/2
- 4) Water connection: outlet 1" 1/2