

# 30RA 005-015

## AIR-COOLED LIQUID CHILLERS



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### Physical data

30RA		005	007**	009	011	013	015
Nominal cooling capacity*	kW	5.2	6.7   6.5	7.6	9.6	11.2	14.7
Operating weight	kg	71	73	85	108	118	135
Refrigerant charge		R-410A	R-410A	R-410A	R-410A	R-410A	R-407C
Compressor		One scroll compressor					
Evaporator		One plate heat exchanger					
Hydraulic circuit		One three-speed pump (sizes 005-013) or single-speed pump (size 015)					
Pump		One three-speed pump (sizes 005-013) or single-speed pump (size 015)					
Water inlet/outlet connections	in	1	1	1	1	1	1
Expansion tank volume	l	1	1	2	2	2	2
Fans		One or two propeller fans					
Quantity		1	1	1	2	2	2

\* Based on Eurovent conditions: evaporator entering/leaving water temperature 12°C/7°C, condenser entering air temperature of 35°C  
 \*\* The first value is for 230-1-50 units, the second value for 400-3-50 units.

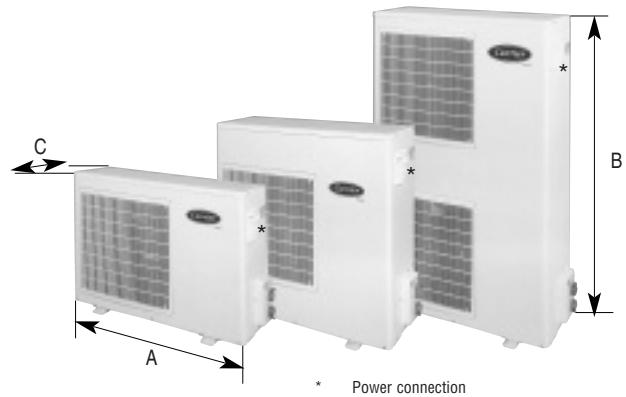
### Electrical data

30RA		005	007	007	009	011	011	013	015
Power supply	V-ph-Hz	230-1-50	230-1-50	400-3-50	400-3-50	230-1-50	400-3-50	400-3-50	400-3-50
Voltage range	V	198-264	198-264	342-462	342-462	198-264	342-462	342-462	342-462
Nominal power input*	W	2.1	2.8	2.7	3.1	3.2	3.2	4.6	6.6
Max. power input**	kW	2.9	3.8	3.6	4.3	4.3	4.4	6.3	8.0
Full load current	A	15	18	7.5	8	21.5	8.5	11.5	14.5
Water circulating pump (230-1-50)									
Current drawn	A	0.3	0.3	0.3	0.5	0.9	0.9	0.97	1.1
Fan motor (230-1-50)									
Current drawn	A	0.50	0.94	0.94	0.90	1.80	1.80	1.80	1.64
Compressor crankcase heater (230-1-50)									
Current drawn	A	0.11	0.11	0.11	0.11	0.11	0.11	0.11	-

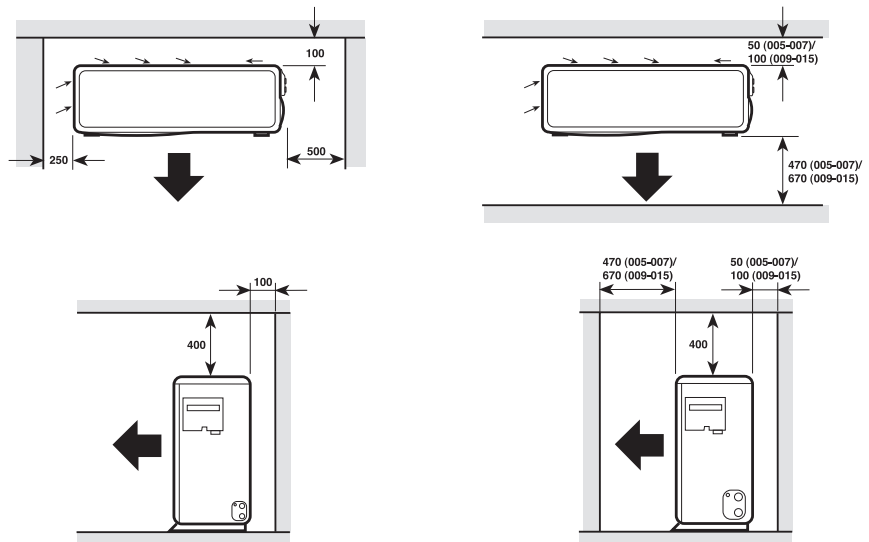
\* At standard Eurovent conditions  
 \*\* Maximum unit power input at maximum operating conditions and worst power supply voltage.

### Dimensions, mm

30RA		005	007	009	011	013	015
A	mm	800	800	800	800	800	800
B	mm	590	590	803	1264	1264	1264
C	mm	300	300	300	300	300	300



### Clearances, mm





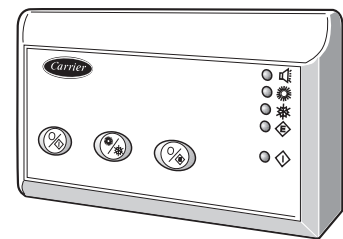
PRO-DIALOG PLUS

30RA 005-015 AIR-COOLED LIQUID CHILLERS

## AQUASNAP JUNIOR

### FEATURES

- Six sizes with nominal cooling capacities from 5 to 15 kW.
- New generation of liquid chillers, featuring the latest technological innovations, incorporating scroll compressors and operating on the ozone-friendly refrigerant HFC-410A (Sizes 005-015) or HFC-407C (Size 015).
- Integrated hydronic module, with pump and expansion tank, limiting the installation to simple operations like connection of the power supply and the water supply and return piping.
- Electronic, microprocessor-based auto-adaptive control system ensures intelligent control of the compressor start-up sequence, permitting operation at low system water volumes.
- Components are specifically designed for R-410A or R-407C refrigerant, and all units have been submitted to the necessary laboratory tests to ensure perfect operation.
- One or two two-speed axial fans with horizontal air discharge. The advanced design allows exceptionally low-noise operation.
- Compact unit dimensions and reduced weight facilitate installation.
- Galvanised steel panels guarantee increased resistance to atmospheric conditions.
- Removable panels for improved service and easier access to the internal components.
- Condenser coils are made of copper tubes, mechanically expanded into aluminium fins, with an increased heat exchange surface.
- Refrigerant-to-water heat exchangers are plate heat exchangers, ensuring optimum heat transfer at reduced dimensions.
- Scroll compressors run very quietly and vibration-free, and are known for their durability and reliability.



Remote control

### ACCESSORIES

- Remote control
- Service interface
- Mechanical water filter

### OPERATING LIMITS

