

Air cooled chillers

ALR 095.2 ÷ 430.4

- Cooling capacity from 328 to 1468 kW
- 2, 3, 4 - McQuay semihermetic reciprocating compressors
- High efficiency condenser coils
- BMS interfacing microprocessor control
- Shell and tube evaporator with separated gas circuits
- HFC 407C or HFC 134a ecological refrigerant

RECIPROCATING COMPRESSORS



HFC 407 C
ecological refrigerants
HFC 134a

Options

- Total and partial heat recovery
- Low noise versions down to 69,5 dBA 1 mt.
- Fan speed regulator
- CU-CU condensing coils against corrosion by aggressive environments
- Special version for high ambient temperature

Sound pressure levels*

- Standard version 82,5 dBA
- Low noise version 79,5 dBA
- Extra low noise version 74,0 dBA
- Super quite 68,5 dBA

* sound pressure level rated in accordance to ISO 3744, free field conditions; 1 mt. distance.

ALR 095.2 ÷ 430.4 are equipped by the famous and technologically advanced McQuay reciprocating compressor and represent a mix of tradition and innovation.

Low sound pressure levels indicate McQuay success on acoustic solutions.

Physical data

Unit size ALR (ST)	Cooling capacity (kW)*	Power input (kW)*	Length x Width x Weight (mm)	Unit size ALR (ST)	Cooling capacity (kW)*	Power input (kW)*	Length x Width x Height (mm)
095.2	328,2	104,0	2500 x 2238 x 2350	270.3	928,1	282,2	7430 x 2230 x 2350
100.2	348,5	110,5	2500 x 2238 x 2350	286.3	967,0	296,2	7430 x 2230 x 2350
110.2	368,8	117,0	2500 x 2238 x 2350	290.3	1011,8	311,0	8500 x 2230 x 2350
120.2	433,8	132,7	3466 x 2238 x 2350	311.3	1056,6	325,8	8500 x 2230 x 2350
135.2	477,8	147,3	3466 x 2238 x 2350	325.3	1110,6	340,1	9570 x 2230 x 2350
145.2	522,4	158,3	5000 x 2230 x 2350	345.4	1172,8	352,8	9570 x 2230 x 2350
161.2	541,6	177,7	5000 x 2230 x 2350	355.4	1211,6	366,9	9570 x 2230 x 2350
171.2	605,8	183,5	5000 x 2230 x 2350	365.4	1250,5	381,0	9570 x 2230 x 2350
185.2	644,6	197,5	5000 x 2230 x 2350	375.4	1289,4	395,0	9570 x 2230 x 2350
200.2	689,4	212,2	6070 x 2230 x 2350	390.4	1334,2	409,7	10640 x 2230 x 2350
215.2	734,3	227,0	6070 x 2230 x 2350	405.4	1378,9	424,5	10640 x 2230 x 2350
235.3	805,8	243,0	7430 x 2230 x 2350	415.4	1423,7	439,3	11710 x 2230 x 2350
251.3	849,0	271,4	7430 x 2230 x 2350	430.4	1468,6	454,0	11710 x 2230 x 2350
261.3	889,3	268,1	7430 x 2230 x 2350				

* 12/7° C leaving water temperature ; 35° C ambient temperature; HFC 407C refrigerant.