

Moto-condensing units

MCAEBY 115÷130

Cooling capacity: 16.4÷31.5 kW



Air-cooled condensing units with axial fans.
Range with hermetic compressors and R410A refrigerant gas.

Construction features

- Compressor: scroll type, hermetic complete with thermal protection and crankcase heater.
- Air side heat exchanger: featuring finned coil with copper pipes and aluminium fins, complete with protection grille.
- Fan: electric axial fans with external rotor, equipped with internal thermal protection, protection grilles and proportional electronic device for pressurised and continuous fan rotation speed regulation up to an outdoor air temperature of -10°C.
- Control: electronic with microprocessor.
- Structure: made of galvanised and painted sheet steel.

Models

- MCAEBY: unit intended for cooling only.

Factory fitted accessories

- Silenced set-up.

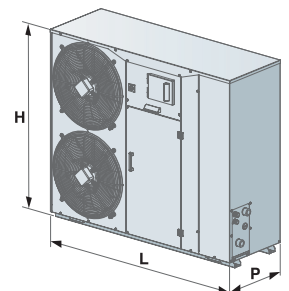
Accessories separately supplied

- Rubber vibration dampers.
- RS485 Interface for serial communication with other devices.
- RS485/USB serial converter.

MCAEBY MODEL		115	117	122	124	127	130
❶ Nominal cooling capacity	kW	16,4	18,5	24,7	26,5	29	31,5
❶ Absorbed power	kW	5,5	6,3	7,9	9	9,8	11
MCAEBY MODEL		115	117	122	124	127	130
❸ Sound pressure	dB(A)	50	50	52	52	53	53
Electrical supply	V-ph-Hz	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
DIMENSIONS AND WEIGHTS		115	117	122	124	127	130
L - Width	mm	1230	1230	1230	1230	1535	1535
H - Height	mm	1090	1090	1280	1280	1510	1510
P - Depth	mm	580	580	600	600	695	695
MCAEBY weight	kg	140	150	200	225	270	300

Data at the following conditions:

- ❶ Air: 35°C - Sucked saturated gas: 5°C.
- ❸ In open field (Q = 2) at 5 m from the unit.



Moto-condensing units

MCAEBY 233÷2160

Cooling capacity: 34.5÷162.6 kW



Air-cooled moto-condensing units with axial fans. Range with hermetic Scroll compressors and R410A refrigerant gas.

Construction features

- Compressor: hermetic, rotary Scroll compressor, complete with thermal protection and casing heater.
- Air side heat exchanger: finned coil with copper pipes and aluminium fins.
- Fan: electric axial fans with external rotor, equipped with internal thermal protection, proportional electronic device for continuous fan rotation speed regulation and protection grilles.
- Control: microprocessor electronic control.
- Structure: in galvanised and painted sheet steel, with polyurethane powder coating.
- The unit is also complete with:
 - compressor and fan thermal overload switches,
 - R410A gas pre-load.

Models

- MCAEBY: unit designed for cooling only.

Factory fitted accessories

- Silenced set up
- Coil protection metal filters.
- Cooling circuit high and low pressure gauges.
- Liquid receiver.
- Copper/pre-painted aluminium or copper/copper coils.
- Rubber anti-vibration mountings.

Separately supplied accessories

- Thermostatic valve kit.
- Interfaces for serial communication with other devices.
- RS485/USB serial converter.

MCAEBY MODEL		233	238	245	250	260	265	280
❶ Nominal cooling capacity	kW	34,5	41,2	46,7	54,3	62,5	67,7	79,1
❶ Absorbed power	kW	12,5	14,7	17,6	19,9	22,4	24,3	28,4
MCAEBY MODEL		233	238	245	250	260	265	280
❸ Sound pressure	dB(A)	46,5	47	48	48	49	49	50
Electrical supply	V-ph-Hz	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
DIMENSIONS AND WEIGHTS		233	238	245	250	260	265	280
L - Width	mm	1710	2315	2315	2315	2315	2315	2650
H - Height	mm	1570	1570	1570	1570	1570	1570	1700
P - Depth	mm	1000	1000	1000	1000	1000	1000	1210
MCAEBY weight	kg	400	546	536	570	586	624	880

MCAEBY MODEL		290	2100	2115	2130	2145	2160
❶ Nominal cooling capacity	kW	87,1	101	116,2	126,5	145,6	162,6
❶ Absorbed power	kW	32,9	36,2	41,2	46,2	52,9	60,2
MCAEBY MODEL		290	2100	2115	2130	2145	2160
❸ Sound pressure	dB(A)	52	52	58	58	58	59
Electrical supply	V-ph-Hz	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50	400-3+N-50
DIMENSIONS AND WEIGHTS		290	2100	2115	2130	2145	2160
L - Width	mm	3150	3150	3150	3150	3150	3450
H - Height	mm	1700	1700	1730	1730	1730	1700
P - Depth	mm	1210	1210	1210	1210	1210	1210
MCAEBY weight	kg	935	950	998	998	1052	1108

Data at the following conditions:

- ❶ Air: 35°C - Sucked saturated gas: 5°C.
- ❸ In open field (Q = 2) at 10 m from the unit.