

EOLO

COOLING-ONLY AND HEAT PUMP AIR-COOLED DUCTABLE SPLIT SYSTEMS AND PACKAGED CABINET-MOUNTED AIR CONDITIONERS WITH HERMETIC SCROLL COMPRESSORS. COOLING CAPACITY 3,7 – 72 KW, HEATING CAPACITY 3,8 – 74 KW.



BENEFITS (EOLO^{mini})

- Extremely quiet;
- Ideal for air conditioning installations in open-space surroundings and small commercial premises;
- Compact dimensions and attractive styling;
- Easy and rapid installation thanks to double-ended threaded couplings and integral support flanges;
- Easy control of the numerous functions by means of wall-mounted controller (DC) and remote control (CS);
- High EER/COP values;
- Extended operating limits;
- Remotability up to 50 m depending on the model.

MAIN OPTIONS

- Supplementary electric heaters;
- Wall control for CS systems.

STANDARD FEATURES

- Environmentally friendly refrigerants with R410A zero ozone depletion potential;
- Hermetic rotary and scroll compressors;
- 3-speed + auto speed fans on indoor units;
- Functions: cooling, heating, nighttime operation, dehumidification, automatic cooling/heating, indoor unit anti-freeze, daily timer, hot start;
- Outdoor unit with fan speed control;
- High efficiency self-adaptive defrosting system;
- External coil with "Blue-fin" treatment;
- Pressure test connections;
- Built-in condensate tray;
- Condensate expulsion pump (CS);
- Refrigerant charge, non-freezing oil and factory testing;
- RoHS certification (single-phase models only).

BENEFITS (EOLO)

- Facility to change the air flow direction of the centrifugal fans also at the time of installation;
- Outdoor units with axial or centrifugal fans;
- Ideal for air conditioning installations in public buildings, commercial premises and industrial production sites;
- High EER/COP values;
- Extended operating limits;
- Optimisation of the heat pump defrosting cycles thanks to the exclusive Frost Detecting System with stopping of the indoor unit fans;
- Extremely quiet operation;
- Controller with dual icon-based display for easy management;
- Simplified maintenance, easily accessible parts.

MAIN OPTIONS

- Fan delivery port orientation modification;
- Supplementary hot water heating coils or electric heaters;
- Condensing unit centrifugal fans electronic speed control;
- Antivibration mounts;
- Filters for condensing coil;
- Serial communication module.

STANDARD FEATURES

- Environmentally friendly refrigerants with R407C zero ozone depletion potential;
- Hermetic scroll compressors (tandem dual compressor from model 185) equipped with crankcase heater;
- Centrifugal fans with fanwheel having forward-curved blades, double suction and belt-drive transmission with variable pitch pulley;
- Axial condensing unit with electronic fan speed control;
- Microprocessor controller + replicated wall-mounted remote control equipped with room thermostat;
- Main door lock disconnect switch;
- Indoor units lined with anti-condensation insulating matting;
- Indoor units equipped with polyurethane foam sheet filter;
- Built-in condensate tray;
- Filled with non-freezing oil and factory tested.

Model EOM-EO		M12	M18		M24		M30		M40		M50	M60	066	080	110	135	160	185	220	245	
Unit type		DC	DC	CS	DC	CS	DC	CS	DC	CS	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	
Eolo	Cooling capacity (1)	kW	3,7	5,2	5,2	6,8	6,8	9	9	13	12	16,2	18,6	19,4	23,2	32,2	39,9	46,5	53,5	62,4	72,1
	Absorbed power	kW	1,3	1,85	1,85	2,3	2,3	3,35	3,3	4,8	4,5	6,2	6,9	6,4	6,5	9,3	11,9	13,5	15,9	17,8	21,4
	Air flow	m ³ /h	780	1280	620	1700	770	2140	1020	2140	2040	2900	2900	4200	5120	7230	8520	9800	11210	12800	13830
HEolo	Heating capacity (2)	kW	3,8	5,3	5,3	6,9	6,9	9,5	9,5	13,7	12,6	16,2	18,9	19,9	24,6	33,9	43,4	51,3	56,8	66,8	74,4
	Absorbed power	kW	1,18	1,65	1,65	2,1	2,13	3,18	3,2	4,75	4,4	6	6,8	5,7	6,1	8,0	11,2	13,5	15,0	16,6	20,2
Power supply		V/Ph/Hz	230±10%/1/50						400±10%/3/50												

Axial Outdoor Unit	Noise	dB(A)	34,0	43,0	43,0	47,0	43,0	47,0	47,0	47,0	47,0	47,0	47,0	45,8	43,1	46,3	48,8	49,4	50,0	50,7	51,3
	Depth	mm	292	370		370		413		412		412	412	550	810	810	1112	1112	1112	1112	1112
	Width	mm	845	865		915		1044		980		980	980	1420	1960	1960	2060	2060	2470	2470	2470
	Height	mm	540	685		688		1040		1250		1250	1250	1288	1203	1203	1417	1417	1595	1595	1595
	Installed weight	Kg	39	46		49		96		110		110	110	175	317	327	438	468	517	593	608
Centrif. Outdoor Unit	Noise	dB(A)	-	-	-	-	-	-	-	-	-	-	-	52,9	54,0	54,2	55,8	56,2	55,9	57,3	58,8
	Depth	mm	-	-	-	-	-	-	-	-	-	-	-	930	930	930	930	1081	1081	1081	1081
	Width	mm	-	-	-	-	-	-	-	-	-	-	-	1265	1265	1915	1915	2110	2110	2507	2507
	Height	mm	-	-	-	-	-	-	-	-	-	-	-	1444	1444	1444	1444	1900	1900	1900	1900
	Installed weight	Kg	-	-	-	-	-	-	-	-	-	-	-	185	190	275	285	550	580	800	870

Indoor Unit	Nominal available static pressure	Pa	30	60	-	60	-	80	-	80	-	80	80	163	146	158	139	197	183	224	197
	Noise	dB(A)	23,0	25,0	20,0	25,0	22,0	28,0	24,0	43,0	30,0	43,0	43,0	47,0	47,8	48,6	51,6	51,5	54,3	53,7	55,3
	Depth	mm	480	618	570	678	570	738	730	738	930	798	798	930	930	930	930	1081	1081	1081	1081
	Width	mm	941	1015	570	1015	570	1315	730	1315	930	1365	1365	1265	1265	1915	1915	2110	2110	2507	2507
	Height	mm	200	240	290	275	290	275	290	275	290	315	315	688	688	792	792	912	912	925	925
	Installed weight	Kg	30	30	27	35	27	45	42	45	60	60	55	105	105	150	185	300	310	340	360

All data refers to standard units at the following nominal conditions:

Chiller: Room air temperature: 27 °C D.B. / 19 °C W.B.; ambient air temperature 35 °C D.B. / 24 °C W.B. (values for axial outdoor unit).

Heat pump: Room air temperature: 20 °C; ambient air temperature 7 °C D.B. / 6 °C W.B. (values for axial outdoor unit).

Maximum ambient air temperature for outdoor unit: 45 °C; minimum ambient air temperature for outdoor unit: -10 °C.

Sound pressure level in hemispherical irradiation conditions at a distance of 10 m from the unit.

Microprocessor controller with dual icon-based display.



Unit controllers and remote controls.



Built-in condensate collection tray.

