



HEAT PUMP ECO-DC INVERTER WITH CIRCULATION PUMP

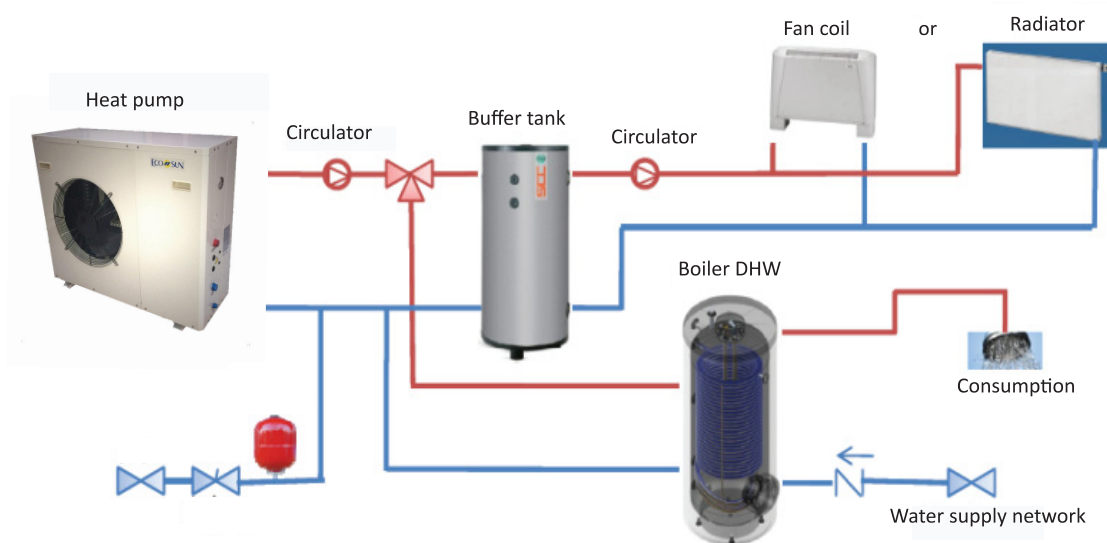
“ECO-DC” INVERTER, HOT WATER
I-11AC-410M, I-16AC-410M,
I-17AC-410S, I-26AC-410S

The ECO-DC series Heat Pumps, are an efficient solution in compact dimensions, in which the unit is installed outdoors (saving in this way space indoors) and can be used alongside existing heating systems. Great energy savings can be achieved through the use of Inverter technology, of the ECO-DC series. The ECO-DC series have adjustable compressor speed. The Inverter technology allows the Heat Pump to alter the performance of maintaining a fixed nominal heating capacity even when the outside temperature is very low, ensuring quiet operation, high efficiency and thus saving large amounts of energy.

▶ Characteristics

- > Heating, cooling, hot water
- > The temperature is set by DC Inverter technology-
- > Maximum water outlet temperature 60°C
- > Operating ambient outside temperature range from -25 ° C to 43 ° C
- > Hot water production (DHW),
- > Up to 4 times more efficient than traditional heating systems.
- > 100% compatibility with radiators,
- > Underfloor heating, fan coils
- > Economical solution to boilers
- > Low power consumption
- > Low CO2 emissions
- > Low maintenance costs
- > Suitable for every application
- > 2 years warranty
- > Available sizes from 11kW to 26kW

▶ Mode



▶ HEAT PUMP ECO-DC INVERTER



I-11AC-410M



I-16AC-410M



I-17AC-410S



I-26AC-410S

▶ Technical characteristics

| | I-11AC-410M | I-16AC-410M | I-17AC-410S | I-26AC-410S |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
| Output Therm Power / Input Power(A 7°C/W35°C) | 10,60kW/2,50kW | 14,60kW/3,71kW | 16,90kW/3,93kW | 22,80kW/5,56kW |
| COP | 4,24 | 3,94 | 4,24 | 4,10 |
| Output Cooling Power / Input Power(A35°C/W18°C) | 10,81kW/2,60kW | 15,20kW/3,98kW | 17,10kW/4,21kW | 23,00kW/5,80kW |
| Power supply voltage | 230V/50Hz | 230V/50Hz | 400V/50Hz | 400V/50Hz |
| Operating Temperature | -25°C ÷ 43°C | -25°C ÷ 43°C | -25°C ÷ 43° C | -25°C ÷ 43°C |
| Max Water Exit Temperature | 60°C | 60°C | 60°C | 60°C |
| Water Flow | ≥1,8m ³ /h | ≥2,0m ³ /h | ≥2,9m ³ /h | ≥3,7m ³ /h |
| Coolant | R410a | R410a | R410a | R410a |
| Noise | 50dB | 52dB | 48dB | 58dB |
| Compressor | Sanyo | Mitsubishi | Sanyo ή Mitsubishi | Sanyo ή Mitsubishi |
| Heat Exchanger | Multistack | Multistack | SWEP | SWEP |
| Dimensions | 880x1090x400mm | 1016x1090x462mm | 462X1090X1475mm | 462x1164x1461mm |
| Weight | 95kgr | 140kgr | 158kgr | 185kgr |

- Specifications could be subject to change without any prior notice.
- ECO//SUN is not responsible for any print errors
- This version replaces all previous ones

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