

SYSTEM N° 21
SOFFITTO CARTONGESSO WC 8
ELEMENTS DESCRIPTION (warm cooling)



PTT

plasterboard panel by 1.5 cm, fireproof Rei 120 within which is housed a coil in step 5 of PE-Xa 8x1 with oxygen barrier EVOH; all coupled to polystyrene foam fire-retardant class 1 of 2.7 cm. 150 KpA

It is used for the construction of heating / cooling ceiling single warping requires a minimum of 7 cm, double-warping instead requires a minimum clearance of 15 cm).

Plasterboard is first choice, by addition of glass fibers and vermiculite to a greater thermal efficiency and also is to class 0 reaction to fire (this is taken from the pink color of the coating that distinguishes precisely the maximum performance in relation to the reaction to fire) .

The system requires only filling in because the panel is smooth and has already shaved

The implant is made only by fixing the panels all'orditura (requires a minimum of 7 cm for the single warping, and instead of 15 cm for the double warping). and connecting the pipe sections in leakage through the system to distributors listed below.

Isolation of 40 cm lengths for pipe leakage, in support. Available in two mean measurements: 1200 x 2000 x 42 and 1200 x 500 x 42



PSS

plasterboard panel by 1.5 cm, fireproof Rei 120 within which is housed a coil in step 5 of PE-Xa 8x1 with oxygen barrier EVOH; all coupled to polystyrene foam fire-retardant class 1 of 2.7 cm. 150 KpA

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MRR 20/25/50

multilayer coated pipe rolls Pexb / Al / Pexb - Uni En Iso 21003 - 10bar/95 ° - Class 2; sheathed in low density polyethylene foam, closed cell blue - red thick. LAW 10/91:
20 mm diameter tube
wall thickness 20 mm
0.25 mm thick aluminum
50 ml roll



DR 428

distributore 4 vie rosso (per la mandata) in polyammide pressfitting per la colonna montante in multistrato 20 (o PE-RT o PE-Xa 20x2) e 4 derivazioni snodabili a 360° per il collegamento del tubicino in PE-Xa 8x1



DB 428

4-way distributor blue (for the return) in polyamide pressfitting for the riser in multilayer 20 (or PE-RT or PE-Xa 20x2) and 4-lead jointed at 360 ° for the connection of the tube PE-Xa 8x1



DR 228

2-way distributor red (for supply) in polyamide pressfitting for the riser in multi-layer 20 (or PE-RT or PE-Xa 20x2) and 2-lead jointed at 360 ° for the connection of the tube PE-Xa 8x1

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DB 228

2-way distributor blue (for the return) in polyamide pressfitting for the riser in multi-layer 20 (or PE-RT or PE-Xa 20x2) and 2-lead jointed at 360 ° for the connection of the tube PE-Xa 8x1



RTM 20

tee in black polyamide pressfitting for plywood riser 20



RTC 20

End of line cap in black polyamide pressfitting plywood riser 20 (or PE-RT or PE-Xa 20x2).
be applied on the DB and DR series distributors or RGP 20. For closing unused roads closed for Ø 20 and riser



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SWELL VESTA

isothermal dehumidifier or ceiling with recessed battery before and after treatment with water-bearing structure in galvanized steel centrifugal fan, motor and filter embedded in polyurethane, CE certified.

vertical version

Structure made of galvanized steel. Employed for the summer dehumidification and cooling system environments using radiant panels, is designed to be installed only inside. It is not possible, therefore, installed outside the unit. Will deliver to the air at neutral temperature compared to air environment using a battery that comes post-circulated cooling water from the radiators. Or it can provide air conditioning in the plus version.

Is controlled by the system of regulation and control eventualmente also with multiple devices in parallel

Composed by:

Refrigerant circuit consisting of batteries pre-treatment and post-treatment with copper pipes.

Copper tubes and aluminum fins Treaty.

Reciprocating compressor mounted on springs

Capillary expansion

Filter drier



DUOKLIM WC

climate control unit to be recessed in the wall for distribution both high and low temperatures; composed of that elements:

steel cabinet; polyamide manifold (reinforced with glass fiber) for low temperature, polyamide manifold (reinforced with glass fiber) for high temperature (2 ways for radiators) thermostat security TCS 47; three ways valve BUL 57 with motorized actuator AXS 111 (24 V) TCB 34; double by pass valve; n. 2 thermometer TB 12; n. 2 automatic airvent; n. 2 filling valve; ; a 3 speed Pump Grundfos UPS 25/55 Low Energy;

Package including warm cooling 1C separately delivered who control one dehumidifier

RDT 708 unit

TSF 24 transformer 24V

EGT 301 external probe

EGT 354 flow sensor

EGH 130 probe humidity 7 temperature

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CIM

steel sheet cabinet for manifold with mobile guides . Adjustable in depth from 110 to 150 mm. Lock with screwdriver. Suitable for the containment of manifolds in the range. Available in widths of 40, 50, 60, 70, 85, 100, 120, 130



POLISWELL OZ

polyamide manifold 1 1/4 "for fixing ceiling horizontal appropriate, with a filter Y for more safety data on the radiant pipes Ø 8 PE-Xa makes it much needed water care water of the closed circuit recommend charging the system with softened water or up to 7 ° F (in the case of centralized systems is necessary to install the Maxithermocyclon thermal plant). Modular manifold polyamide reinforced with glass fiber 1 "1/4 thermostatically controlled instantaneous readout of flow rate l / h from 75 to 900, the following accessories: n. Group 2 thermometers vent / thermometer mounted on the front side for positioning in the horizontal drain terminal. Complete with SCS 12 sets of shell insulation with a special bracket FE tropicalized
APX series adapters and valves series VLY be ordered separately.



APX

fittings for connection of polyethylene pipes (PE Xa or PE RT) to the manifolds of the range swell system



RM

fittings for connection of multilayer pipes (MRN) to the manifolds of the range swell system

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TEP

actuator for electrical control of the manifold, 230 V, normally closed 2 or 4 wire, (with a limit switch for an additional electrical equipment like a boiler, a pump, or other).



TE 411

electronic room thermostat WC white with: big display graphic icons matched to the front buttons for choice of mode operation. Choice Celsius or Fahrenheit. Powered by 2 AA 1.5 V alkaline. Battery life more than 4 years, an indication of insufficient charging of batteries. Max temp 45°C Dimensions 135 x 83 x 21



CP 18

curve support at 90° in polyamide reinforced with glass fiber. No scratch pipe

**SWELL SYSTEM CONSIGLIA IL RIEMPIMENTO DELL'IMPIANTO CON ACQUA ADDOLCITA
CON L'ADDOLCITORE PORTATILE DA CANTIERE CILLICHEMIE BA SOFT 69**

