

**SYSTEM N° 22  
SNOWMELTING 20  
ELEMENTS DESCRIPTION**



**BDM 24**

humidity barrier, sheet multi fold in opaque LDPE. It serves the purpose of creating a barrier to moisture rising up from the ground. Thick 0,2 mm.; height 1 ml; coil wight 50 kg.



**STRV**

extruded polystyrene monolayer board. Yellow. Measures 1250x600mm (m<sup>2</sup> 0,75) density 33-35 kg/m<sup>3</sup>; compressive strenght 500 kPa;  $\geq 5$  kg/cm<sup>3</sup> water absorption <0,7%. Fire reaction EUROKLASS E  
R<sub>D</sub> m·K/w 0,6; 0,9; 1,20; 1,5; 1,80; 2,20; 2,80; 3,35; 3,65. (according to the different ticknesses in the range EN 1264)



**MB 15/20**

modular bar 5 treaded, for pipe 20x2 adhesive (you can also fix it to the board with clips CF 17). Suitable to freeze pipe on the BDM 51. Lenght mm. 1000; width 40 mm.; height 28 mm.



**CPA 25/10**

perimeter band of flexible polyethylene foam, ensures the termal expansion of the screed. Adhesive strip on the whole rear side to more easy installation. Height mm. 250 thickness mm. 10

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**PE-Xa 20x2**

crosslinked polyethylene pipe with peroxide method, equipped with oxygen barrier evoH. Raw material is high density polyethylene (HDPE)  $951 \text{ kg/m}^3$ , this pipe has a lower degree of crystallization which makes the same more flexible than that of the competitors. The pipe is crosslinked immediately after the exit from the extrusion head by heating with an infrared radiation at high power and short wavelength with a degree  $>75\%$ .

Certifications: IIP; CSTB; SKZ; IQNET; AENOR

DIN EN 12318-2 (former DIN 16892) compliant in accordance to ASTM F876 / F877.



**PE-RT 20x2**

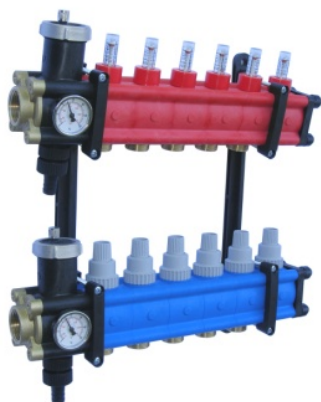
polyethylene pipe with oxygen barrier evoH, this particular type of extrusion allows the high malleability of the pipe also in winter. Raw material is polyethylene with high thermal resistance with evoH oxygen barrier. According to DIN EN ISO 22391. IIP n° 261 / 2011 – Rev. 0 certifies that the product described complies with requirements indicated and IIP specified in the general regulations and special rules applicable and evaluated against the requirements document Sincert RT06



**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

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**POLISWELL**

modular manifold 1" ¼ in polyamide reinforced with glass fiber, thermostatic valve on the return, with flow rate, with n. 2 thermometers, n. automatic 2 automatic airvent, n. 2 exhaust terminals, and n. 2 brackets.



**APX 20**

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



**CP 22**

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



**SGH 230**

Electronic control and digital temperature and humidity control for detection of the ice and its management. 230V - 50Hz. Contact capacity for activating user: 6A Connects up to 2 probes

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**STV 06**

Temperature sensor and humidity for the ramp or to other external free surfaces with cable 20 ml.



**RPF 34**

Thermostat adjustment to the fixed point to prevent the ramp to reach high temperatures. Consisting of a 3-way mixing valve actuation with thermostatic progressive opening, capillary length 2ml.; Knob graduated field takes up to 50 ° C. Complete with unions 3/4 "



**TSC 510**

heat exchanger plates 30 Kw with the following characteristics: corrugated plates to modulate exchange efficiency and pressure drop with optimization of the parameters of both circuits (lengths thermal variables). Gaskets are not glued and stops to points around the entire perimeter of the plates with the possibility therefore safely reaching the highest absolute and differential pressures. The operations of maintenance and replacement of the seals are extremely easy and quick and easy execution. Unit surface area [m<sup>2</sup>] 0.048 \_Connessioni DN32\_ Max. H<sub>2</sub>O [m<sup>3</sup> / h] 15\_ PN [bar] 10.16

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**UPS 25-60**

Wet rotor circulator with 3 speed vents for heating and cooling  
Maximum temperature liquido 110 ° C\_G. Size attacks 1 "1/2 mm Wheelbase pompa 180 Voltage  
1x230 V Power 1-2-3 45-65-90 W Maximum speed 3.7 cm / h Head up 6 m



**TCS 25**

Safety thermostat with automatic reset and adjustable cuff internal screwdriver, max 55 ° C all rotated clockwise. The position is 20 ° C to 110 ° angular position from the zero



**VSM 3**

Safety valve brass ordinary type CE approved with pressure to take the presione controlled ramp. ½ "male; pressure at 3 bar



**VSP 80**

Expansion tank 8 liters pregonfiato 1.5 bar. Complies with European Directive 97/23/EC, pressure 4 bar maximum height mm. And 275 mm diameter. 245

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**VSC 34**

Drain Valve 3/4 "with hose connections MM max pressure 25 bar brass plated. For installation on a T plywood or other materials used by the installer. Necessary to drain the system (to replace antifreeze and other operations)



**KLS 17**

automatic airvent kit vent to be installed at high points of each circuit of the ramp where the collector was provided in the garage. It 's wise to install within a common plastic housing built (Electrician) with fittings for 17x2



**BLUE ICE 25**

Monopropylene glycol for the sole function of frost closed circuits (protection max -33 ° C diluted to 50%)

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**GC 23**

corrugated sheath precutted polypropylene copolymer black, provided with corrugation perpendicular to the longitudinal axis; good flexibility even at low temperatures. Self-extinguishing to UL 94, class V2  
Pre-cut in the longitudinal direction to allow the application on the pipe has been installed.  
Since settling at GDH 11



**LA 45**

Liquid additive for concrete slab. Designed to reduce the mixing water, improves the fluidity of the concrete, promotes good workability without delaying the development of mechanical strengths. Recommended dosage: 1% by weight of cement powder



**SWC 30**

protective liquid for underfloor radiant system. Balanced composition of corrosion inhibitors with anti scaling action, also generates a healing effect against lime deposits or biotic, and also to corrosion residues may be present in the plant. Also generate an algostatic effect. Compatible with all metals and plastic elastomers. Biodegradable. Dosage 1 kg every 200 litres of water in the system.