

EFFICIENCY IS PART OF YOUR LIFE. OPTIMIZE PRODUCTIVITY WITH ECONOMICAL SOLUTIONS.



Opt for a hydronic heating system that is efficient,
economical and safe for your industrial space

OPTIMIZED HEATING AND COOLING FOR YOUR INDUSTRIAL SPACE

Achieve higher levels of efficiency and safety with Pipelife Hydronic Radiant Heating Systems, while creating a cleaner and more comfortable workspace.

By opting for our one-stop-shop solutions and decades of expertise, you benefit from a complete and long-lasting set-up. Wherever you are based, our expert teams are on hand to provide professional guidance throughout your projects, from inception and design, to installation and after care support. Explore how you can boost productivity and safety with efficient and economical heating and cooling solutions.

7 REASONS WHY PIPELIFE HYDRONIC RADIANT SYSTEMS ARE IDEAL FOR YOUR INDUSTRIAL FACILITY



1. SAVE OPERATING COSTS AND ENERGY

Regardless of building size or height, hydronic underfloor heat is radiated and evenly distributed throughout your whole space, making it feel comparably warmer. This means your thermostat can be kept 2-3 degrees lower, resulting in better efficiency and low running costs.



2. USE AND REPURPOSE SPACE TO THE MAX

You have maximum use of floors, walls and ceilings with the absence of external heaters, radiators and air conditioning units. You can also repurpose your facility as needed. For example from a production hall to a warehouse for heat sensitive goods.



Pipelife Underfloor Heating installation for the Jaguar Car Showroom in Cork, Ireland.



Maximum use of space without heating or cooling units.



3. OPT FOR ECO ENERGY SYSTEMS

Hydronic underfloor heating can further reduce your running costs when combined with sustainable energy sources, such as solar collection systems, geothermal heat pumps, and condensing boilers.



4. CREATE A HEALTHIER AND SAFER ENVIRONMENT

With the absence of air flows, less dust and pollutants circulate, while cold and hot spots are eliminated. This further safeguards the health of occupants and helps to keep interiors comparably cleaner, safer and dryer.



5. COOL YOUR SPACE WITH THE SAME SYSTEM

You can cool your industrial space using the same system. Whether it's summer or winter, you can keep your entire space at the right temperature, all year round.



6. RELY ON OUR TRUSTED SERVICES AND SUPPORT

Communities around the world rely on our service, quality and one-stop shop solutions. Wherever you are based, our teams are on hand to provide local expertise throughout your projects, from inception and design, to installation and after care support.



7. USE HEAVY VEHICLES AND MACHINERY

Hydronic pipes are directly installed in the floor slabs below the working surface, making it perfectly safe for you to operate heavy vehicles and machinery.



EXPECT A GOOD RETURN ON YOUR INVESTMENT

Regardless of the size or height, heat or cool your entire industrial space with relatively low operating temperatures, which will reduce your operating costs with immediate effect. You also have added peace of mind with a long service life and minimal to no maintenance. Meaning once your system is installed, you can pretty much forget about it.

WHERE IS HYDRONIC UNDERFLOOR HEATING AN IDEAL SOLUTION?

Industrial/commercial applications (pre or post construction) such as:

Factories, shops, DIY markets, aircraft hangers, warehouses, spare part depots, logistic centers, gas stations, distribution centers, call centers etc.

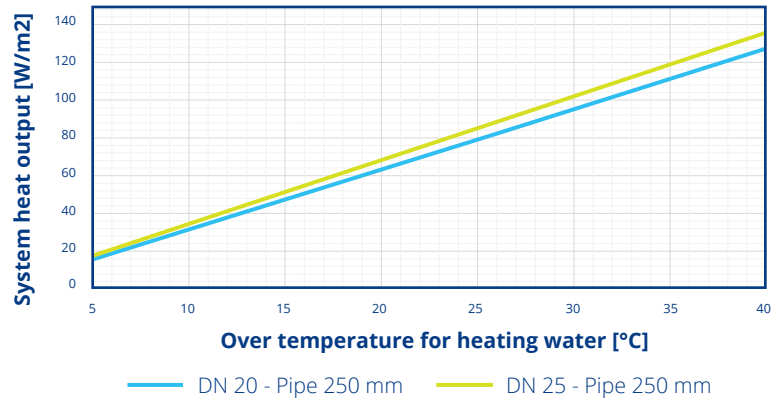
Compatible with a range of industrial surface coverings:

Ceramic, synthetic resin, screed, linoleum, vinyl and epoxy floors.

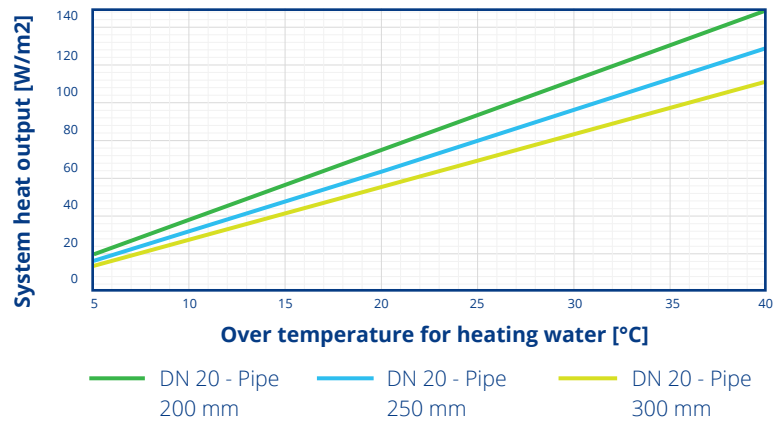


Compare how various pipe spacing, pipe diameter and type of covering affect the supply/return temperature of the heating fluid, and as a result, the efficiency of the hydronic radiant system.

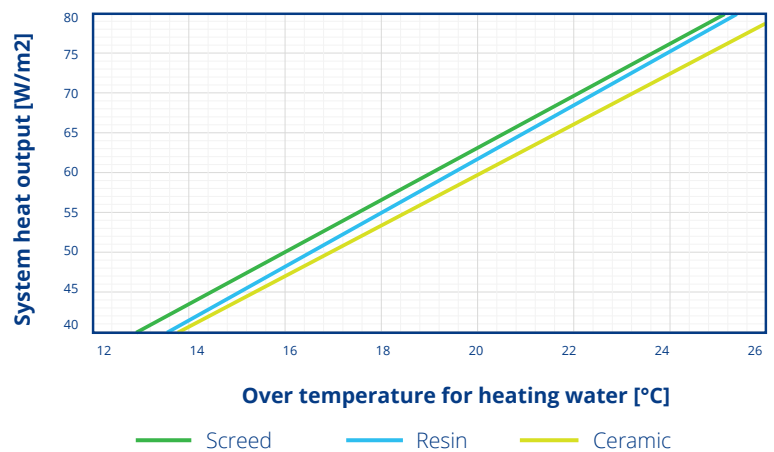
IMPACT OF PIPE DIAMETER VARIATIONS [SCREED COVERING]



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FLOOR COVERING TYPES



PRODUCT OVERVIEW

PERT-EVOH-PERT HEATING AND COOLING PIPE COILS



FT-R20L200	20x2.0 mm	200 m
FT-R20L500	20x2.0 mm	500 m
FT-R25L200	25x2.3 mm	200 m
FT-R25L500	25x2.3 mm	500 m

2nd generation (PERT II) with integrated diffusion barrier made from EVOH. Produced in accordance with EN ISO 21003. Application class 4, design temperature 60 °C, design pressure 8 bar.

ROUND STAINLESS STEEL MANIFOLDS



FTV6A	1¼"	6 circuits
FTV7A	1¼"	7 circuits
FTV8A	1¼"	8 circuits
FTV9A	1¼"	9 circuits
FTV10A	1¼"	10 circuits
FTV11A	1¼"	11 circuits
FTV12A	1¼"	12 circuits

Produced in accordance with DIN EN 1264-4. 1¼" male flat sealing connection on both sides for manifold accessories and control pump station. Shut-off flow meters with very low pressure loss. Flow display 0-4 l/min or 0-6 l/min. Control and shut-off valves with M30 x 1.5 adaption. 11.8 mm closing point. Connection nipple G ¾" Euro cone. Center distance between the outlets: 50 mm. Supply pipe on top, ready mounted on wall bracket, pipe clamps soundproofed according to DIN 4109.

ROUND BRASS MANIFOLDS



FTV2A	2"	2 circuits
FTV3A	1¼"	3 circuits
FTV4A	1¼"	4 circuits
FTV5A	1¼"	5 circuits
FTV6A	1¼"	6 circuits

Modular design with 2" male flat sealing thread on one end and 2" union nut on the opposite. Supply connections with integrated shut-off ball valve. Return connections with integrated control valve with pre-setting. Connection G ¾" male thread with integrated Euro cone adapter. 80 mm distance.

EURO CONE ADAPTER



FT-KVA20/3/4
FT-KVA25/1

Euro cone adapter for connecting the pipe to the manifold. Made of brass, and nickel plated. Connection nipple G ¾" (DN20) and G 1" (DN25)

ACCESSORIES

MOUNTING RAIL

WH-FR20/2 M for 20x2 mm pipe

(can be mounted in 3 ways: with staple clips, dowels or self-adhesive tape)

WH-FR25/1 M for 25x2 mm pipe

(can be mounted in 2 ways: with staple clips or dowels)
For quick and easy pipe laying on floor construction. Made of polypropylene.

MANIFOLDS BEND SUPPORT

FT-IV20 bend support 20 - 22 mm

FT-IV25 bend support 25 mm

Easy, reliable, and space saving turns, for protection and support of pipe between the manifold and where it enters the floor. Compatible with either vertical or horizontal pipe position. Made of impact resistant glass fibre reinforced nylon.



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