

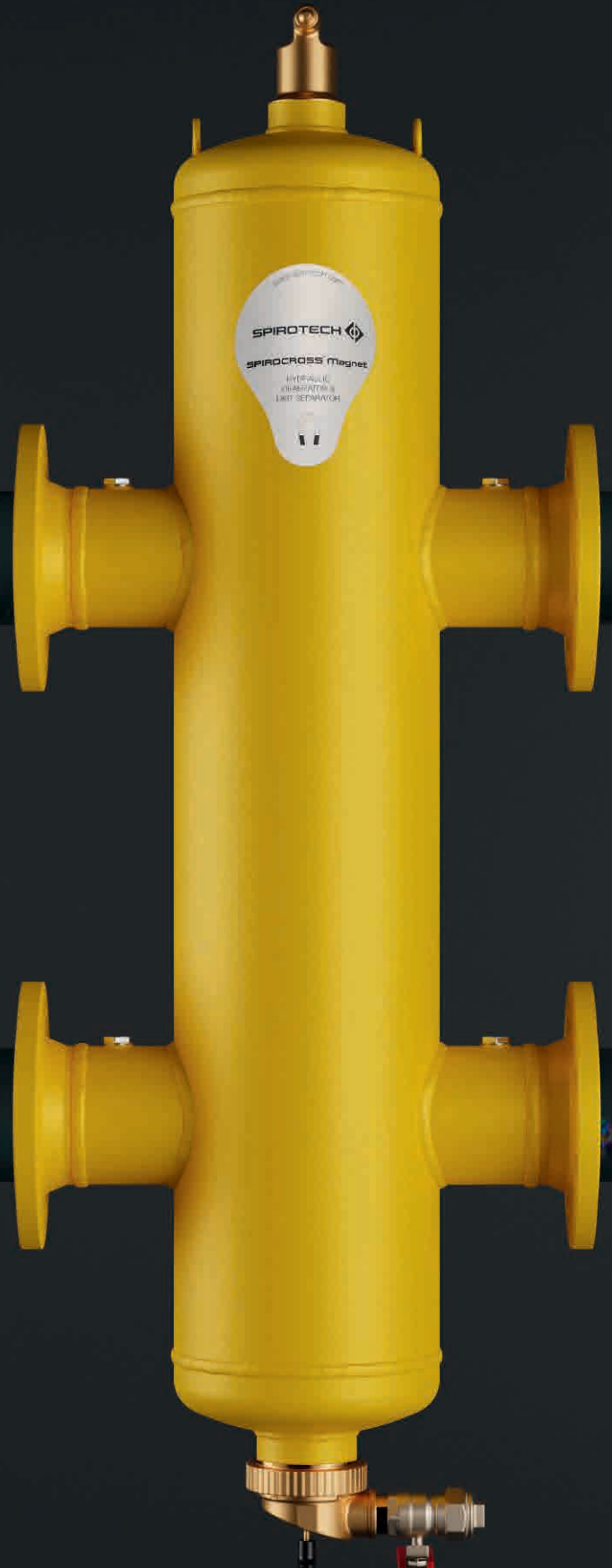
# MEET THE NEW SPIROGROSS

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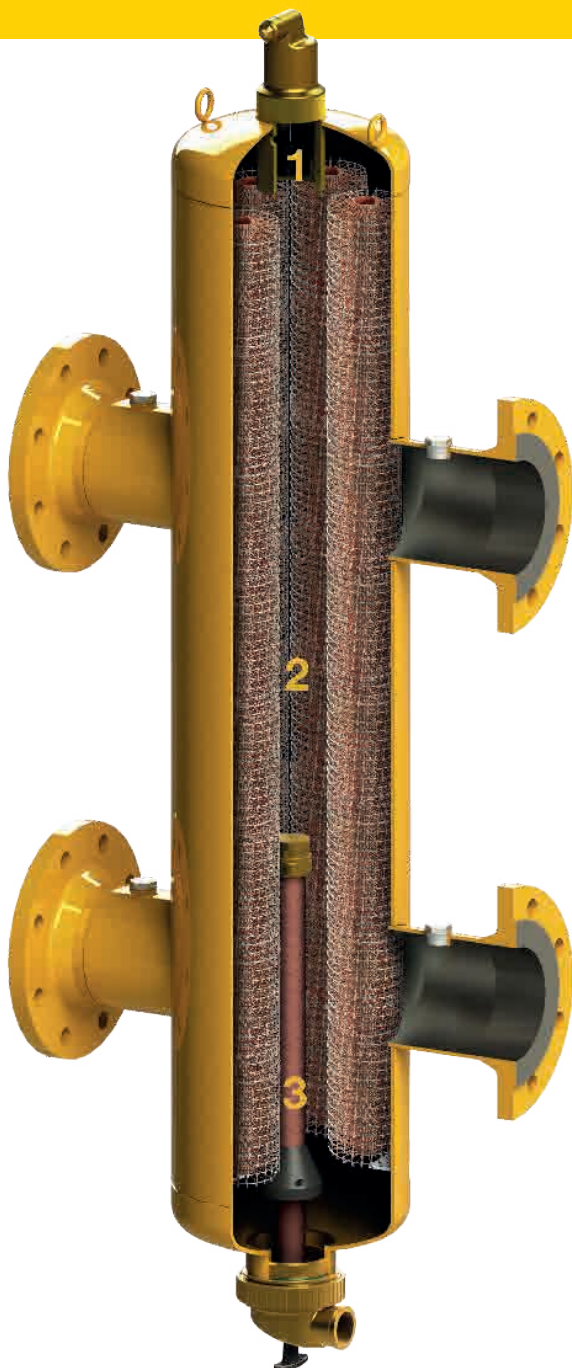
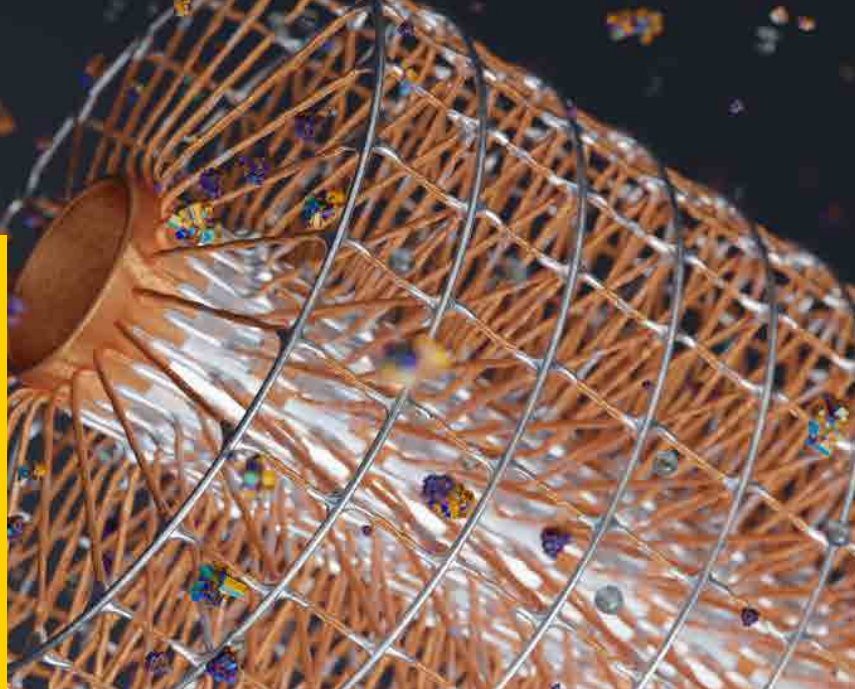
## INNOVATION THAT STICKS

Spirotech introduces the SpiroCross XC-M - the next generation of hydraulic balancers combined with deaerators & dirt separators with unique magnetic field amplification technology.

**SPIROGROSS®**



# READ ALL ABOUT THE 3-IN-1 COMBINATION



Today's highly energy-efficient heating and cooling systems with a primary and secondary flow circuits require optimal hydraulic balancing. These state of the art systems can only offer optimal performance by removing air and dirt from the system water. In unconditioned systems, circulating and trapped air can cause corrosion and oxidation. These forms of contamination can accumulate in several places in a system, resulting in differences in the flow dynamics. The direct consequences are a less efficient system and high energy bills. So quickly and effectively removing air and dirt is vital.

## 1 AIR SEPARATION

The new SpiroCross XC-M has a deaerator which works non-stop to effectively remove circulating air and microbubbles from system water. At the heart of the SpiroCross XC-M is the Spirotube separation element, which ensures that microbubbles rise automatically.

## 2 HYDRAULIC BALANCING

The Spirotube technology ensures optimal liquid separation and mixing providing a highly effective heating or cooling system that is perfectly balanced in flow and temperature.

## 3 (MAGNETIC) DIRT SEPARATION

Innovation that sticks: The unique magnetic field booster technology guarantees unprecedented fast, optimal dirt separation. Even the smallest magnetite particles are removed, maximising system performance as well as protecting costly system components. Thanks to the ingenious design, collected dirt can be removed quickly and easily.

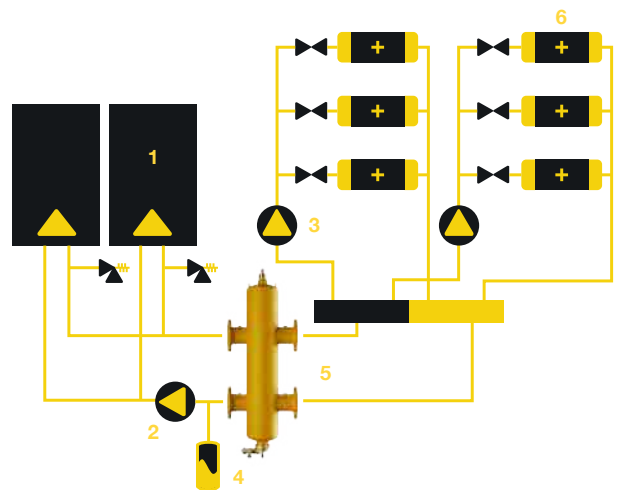
# THIS IS WHY YOUR SYSTEM NEEDS SPIROGROSS

## OPTIMAL SYSTEM PERFORMANCE

- Spirotube technology for effective balancing & separation.
- Unique magnetic field booster technology for efficient magnetic dirt separation.

## COST EFFECTIVE SOLUTION

- Save installation time & costs by installing 1 component instead of 3
- Save space by combining hydraulic balancing, air and dirt separation.
- Easy to maintain and service: no need to switch off or isolate the system.



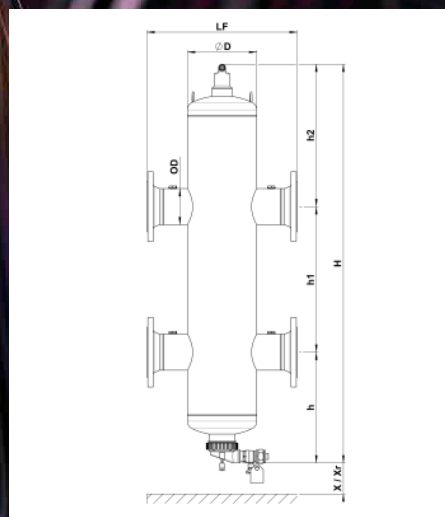
## POSITIONING AND PERFORMANCE/OPERATION

- 1 Heating system 2 Primary circuit pump 3 Secondary circuit pump  
4 Expansion vessel 5 SpiroCross XC-M 6 Consumers



# FIND A UNIT THAT MATCHES YOUR SYSTEM

## SPIROCROSS XC-M



Article number SpiroCross	Article number Insulation	DN	OD (mm)	H (mm)	h (mm)	h1 (mm)	h2 (mm)	D (mm)	LF (mm)	X (mm)*	Xr (mm)**	Weight (kg)
XC050FM	TBX050A01	50	60,3	810	234	240	337	159	350	> 75	330	27
XC065FM	TBX065A01	65	76,1	905	252	305	348	159	350	> 75	330	31
XC080FM	TBX080A01	80	88,9	997	268	360	369	219	470	> 100	370	45
XC100FM	TBX100A01	100	114,3	1261	351	460	450	219	475	> 100	370	57
XC125FM	TBX125A01	125	139,7	1543	441	560	542	324	635	> 100	540	114
XC150FM	TBX150A01	150	168,3	1778	503	670	604	324	635	> 100	540	125
XC200FM	-	200	219,1	2327	682	870	776	406	775	> 100	700	245
XC250FM	-	250	273	2870	835	1100	935	508	890	> 100	750	372
XC300FM	-	300	323,9	3394	1002	1295	1096	610	1005	> 100	900	578

Working pressure PS 0 - max. 10 bar / g Working temperature TS 0 - 110° C Nominal flow velocity 1.5 m/s  
Flanges: PN16 -- \* Min. required space -- \*\* Min. required space for dry-pocket magnet replacement

For other solutions and more information visit [spirotech.com](http://spirotech.com)