

BRAVOTHERM 100

Magnetic dirt separator filter



CHARACTERISTICS

BravoTHERM 100 is a magnetic dirt separation filter with cyclonic separation system that operates with the aid of powerful magnets incorporated in the equipment, retaining sludge, impurities and metal oxides. Thanks to its operating principle, i.e. decanting, BravoTHERM 100 is not affected by clogging and does not require frequent maintenance. The great ease of use of this innovative dirt separator allows you to perform cleaning operations without removing the component from the system.

BravoTHERM 100 is entirely made of technopolymer, specifically designed for high temperature hydraulic applications. A 500 µm stainless steel filter cartridge is fitted inside the dirt separator. BravoTHERM 100 is equipped with 8 powerful cylindrical neodymium magnets housed in the seats of the lower removable knob.

Max water temperature 90 °C - max pressure 3 Bar



Ring with magnets

WHAT WE SUPPLY

BravoTHERM 100 is housed inside a smooth cardboard box.

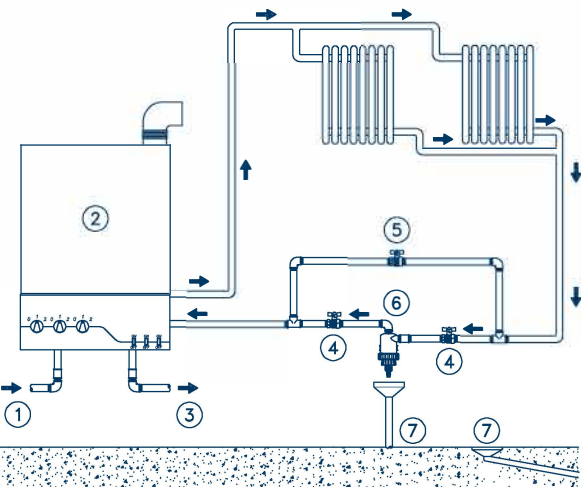
Standard equipment includes: BravoTHERM 100 dirt separator, connection kit with swivel fitting and inlet shut-off valve, instruction manual.

Code	Model	Flow rate lt/h	Users No. apartments	Connections	Magnetic induction	Pieces per package
TT006	BravoTherm 100	1000	1	¾" M	13.000 G	10

OVERALL DIMENSIONS EXPRESSED IN MM



EXAMPLE OF INSTALLATION SCHEME



Legend

- 1. Cold water inlet;
- 2. Boiler;
- 3. Domestic hot water;
- 4. Shut-off valve;
- 5. By-pass valve (optional);
- 6. BravoTherm 100 dirt separator;
- 7. Discharge

GUIDELINES FOR CORRECT MAINTENANCE



The correct operation and duration of the equipment over time depend on correct installation, proper use and methodical application of the maintenance instructions supplied.

First year	Second year	Third year	Fourth year	Fifth year
BODY - RING NUT WITH CALAMITES	BODY - RING NUT WITH CALAMITES	CORPO - GHIERA CON CALAMITE	CORPO - GHIERA CON CALAMITE	CORPO - GHIERA CON CALAMITE
Clean (End of season)	Clean (End of season)	Effettuare la pulizia (Fine stagione)	Effettuare la pulizia (Fine stagione)	Effettuare la pulizia (Fine stagione)
If SYSTEM CLEANING has been performed clean the equipment	If SYSTEM CLEANING has been performed clean the equipment	If SYSTEM CLEANING has been performed clean the equipment	If SYSTEM CLEANING has been performed clean the equipment	If SYSTEM CLEANING has been performed clean the equipment

Dispose of any liquid effluent resulting from cleaning operations in accordance with applicable local regulations (Leg. Decree 152/2006). Do not dispose of washing liquids or cleaning agent residues down the drains. Refer to the relevant safety data sheet for details on disposal procedures for cleaning products.

RECOMMENDED SPARE PARTS

Pos.	Code	Description	Q.ty
1	11026001	Stainless steel cartridge 304 - 500µm	1
2	99026005	Complete ring with magnets	1



AZ[®] 100

Universal protection



• HEATING SYSTEMS

ANTICORROSIVE ANTI-CRUSTANT
OLD AND NEW PLANTS
HIGH AND LOW TEMPERATURE

CHARACTERISTICS

Specific for old and new, high and low temperature heating systems.

Applications: protection of radiator and radiant panel heating systems.

Dosage: 1 kg per 100 litres of system water. The product can be detected with dedicated analysis kit.



AZ[®] 100 does not favour the formation of microorganisms.



AZ[®] Line products are neither acidic nor caustic, they are biodegradable, they are not toxic, and they are not harmful to people or to the environment. They do not contain heavy metals.



AZ[®] 100, if overdosed or underdosed, does not create any problems for the system, it does not generate the threshold effect.



The formation of the AZ[®] 100 protective film on metal surfaces, in addition to protecting them, creates a water-based sliding effect that improves energy performance



AZ[®] 100 protects the system and the boiler ensuring maximum heat exchange efficiency and lower fuel consumption.

Code	Description	Kg. per package	Pieces per package
PC0100	Kg. 1 bag	1	8
PC0120	Kg. 20 tank	20	1

GUIDELINES FOR CORRECT MAINTENANCE



The UNI 8065: 2019 standard provides, for the correct functioning of the system and of the boiler, a series of checks on the characteristics of the circuit water in order to maintain the efficiency and ensure low consumption of the system.

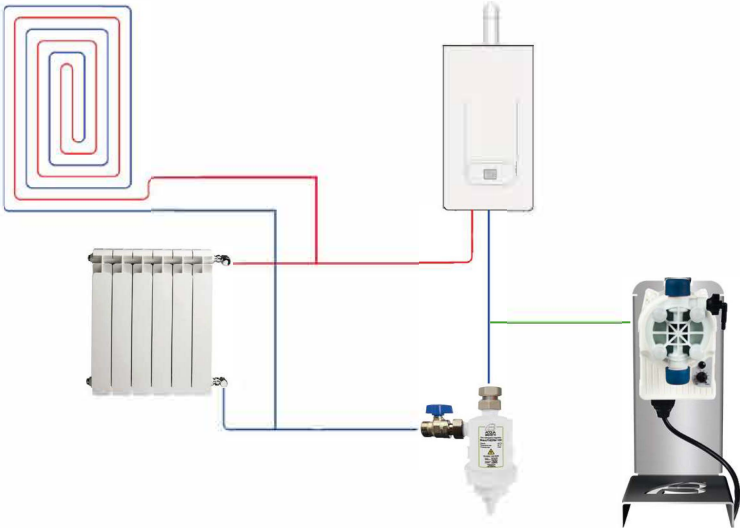
First year	Second year	Third year	Fourth year	Fifth year
Water analysis (point 8 UNI:8065 standard)	Water analysis (point 8 UNI:8065 standard)	Water analysis (point 8 UNI:8065 standard)	Water analysis (point 8 UNI:8065 standard)	Water analysis (point 8 UNI:8065 standard)
If necessary Treat with AZ® 100 universal protective product	If necessary Treat with AZ® 100 universal protective product	If necessary Treat with AZ® 100 universal protective product	If necessary Treat with AZ® 100 universal protective product	If necessary Treat with AZ® 100 universal protective product

TEST KIT

Code	Description
48105066	Test kit for AZ® 100

ACCESSORIES

Code	Description				
PM300	AZ® BASE PUMP with bracket complete with installation kit for loading AZ® 100 product into the system				cod. AV034 cod. AV028 cod. AV032
	Adaptor system for AZ® products				
	Adaptor AZ® in 1 Kg. bag				
	Foot filter for product - AZ® in 20 Kg. tank				
AV034	Adaptor kit for AZ® pump				
AV028	Adaptor kit 1 Kg. bag to AZ® pump				
AV032	Foot filter for product loading - AZ® 20 Kg. tank				
EM99106307	Installation kit complete with injection valve, foot filter, 2m PE pipe, 4m PVC pipe (EPDM seals)				
48105080	TEST CASE FOR ANNUAL CHECKS				
	The UNI 8065: 2019 standard provides for mandatory annual checks on summer and winter on air conditioning systems, domestic hot water production and solar thermal systems.				
		pH	Conductivity	Hardness	Chemical water treatment
	Tester tool + pH, EC calibration kit	✓	✓		
	Hardness test kit			✓	
	Protective product test kit				✓
	Phosphates test kit				✓



AZ[®] 200

Universal cleaner



- HEATING SYSTEMS

RESANANT DESCALER

OLD AND NEW PLANTS

HIGH AND LOW TEMPERATURE

- SANITARY WATER SYSTEMS

RESANANT, DESCALER AND
DETERGENT

OLD AND NEW PLANTS

SANITARY WATER DISTRIBUTION

CHARACTERISTICS

Specific for old and new, high and low temperature heating systems.

Applications: cleaning of radiator and radiant panel heating systems.

Dosage: 1 kg per 100 litres of system water.



AZ[®] Line products are neither acidic nor caustic, they are biodegradable, they are not toxic, and they are not harmful to people or to the environment. They do not contain heavy metals.



AZ[®] 200 cleans the system and the boiler ensuring maximum heat exchange efficiency and lower fuel consumption.

Code	Description	Kg. per package	Pieces per package
PC0200	Kg. 1 bag	1	8
PC0220	Kg. 20 tank	20	1

GUIDELINES FOR CORRECT MAINTENANCE



The UNI 8065: 2019 standard provides, for the correct functioning of the system and of the boiler, a series of checks on the characteristics of the circuit water in order to maintain the efficiency and ensure low consumption of the system.

First year	Second year	Third year	Fourth year	Fifth year
If necessary	If necessary	If necessary	If necessary	If necessary
Wash with AZ® 200 universal cleaner	Wash with AZ® 200 universal cleaner	Wash with AZ® 200 universal cleaner	Wash with AZ® 200 universal cleaner	Wash with AZ® 200 universal cleaner

ACCESSORIES

Code	Description
PD10005	BravoEVOLUTION PLUS pump for washing systems with AZ® 200 flow reverser – 27 lt. storage tank - 3-way valve and magnetic dirt separator filter

