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RBM

HVAC PRODUCT CATALOGUE 2025

03. HEATING, VENTILATION & AIR-CONDITIONING (HVAC)

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Series 3856
SmartFiller 1/2"
Adjustable insulation shell to refill closed circuits, diaphragm operated, complete with self-lubricating technopolymer cartridge, built-in check valve, graduated calibration knob and dial pressure gauge to view downstream pressure.

- Brass body.
Stainless steel sealing ring.
Elastomer seals.
Threaded connections MF UNI-EN-ISO 228.
- Nominal pressure 16 Bar
 - Max upstream pressure 16 Bar
 - Adjustable downstream pressure 0.5 to 4 Bar
 - Max operating temperature 80 °C
 - Pressure gauge scale 0 to 4 Bar
 - Filtering grade 500 µm

Code	Measure	Pack	Outer
3856.04.00	G 1/2"	1	6
3856.04.90*	G 1/2"	1	6

*Version supplied without pressure gauge



Series 47
Safety Unit.

- Consisting of:
- Automatic air vent valve + check valve
 - Standard safety valve with controlled increase with discharge F G1/2"
 - Pressure gauge dial with radial connection + check valve
- Valve pressure setting 3 bar
Max operating temperature 90 °C
Pressure gauge scale 0 - 6 Bar
S.V. orifice diameter 15 mm
Max capacity 75 Kw

Code	Measure	Pack	Outer
47.06.10	1"	1	4



Series 4093
Zerofrost
Antifreeze valve for heat pumps

- Brass body.
Brass internal components.
EPDM PEROX seals.
Stainless steel AISI 302 springs.
- Compatible fluid: water
 - Max operating pressure 10 Bar
 - Temperature range 0÷80°C
 - Fluid temperature (open) 3° C
 - Fluid temperature (closed) 4° C
 - Sensitivity ± 1° C
 - Max discharge flow rate at 3 bar: 1.5 l/h

Code	Measure	Kv (m³/h)	Pack
4093.06.00	1"	55	1
4093.07.00	G 1 1/4"	70	1



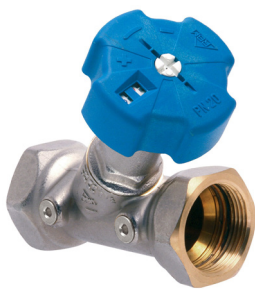
Series 124
Settable by-pass valve for total or partial overflow of thermal circuits.

- Brass body.
Elastomer seals.
Stainless steel AISI 302 springs.
Shockproof ABS handwheel.
Graduated scale on knob.
Threaded angle connections UNI-EN-ISO 228 (3/4" - 1" - 1 1/4").
- Max operating temperature 110 °C
 - Max operating pressure 10 Bar
 - Setting range 0.1 to 0.7 Bar
 - Setting unit 0.1 Bar

Code	Measure	Pack	Outer
124.05.00	G 3/4"	1	10
124.06.00	G 1"	1	10
124.07.00	G 1 1/4"	1	5

*Connections for steel pipe with union fitting





Series 619.A

Balanflow
Threaded balancing valve, complete with knob indicating the number of turns, and "memory stop" function.

Body and contact parts in brass.
Seals in FKM.
Threaded connections FF UNI-EN-ISO 228.

- Max operating pressure 20 Bar
- Allowed temperatures -30 to +120 °C
- Equipercantage regulation
- Allowed fluid water and water+glycol 50 %
- Pressure gauge plugs connection G1/8"

Certifications:



Code	Measure	Kv (m³/h)	Pack	Outer
619.04.50	G 1/2"	3,35	1	6
619.05.50	G 3/4"	4,00	1	6
619.06.50	G 1"	11,20	1	6
619.07.50	G 1"1/4	13,40	1	6
619.08.50	G 1"1/2	19,00	1	6
619.09.50	G 2"	28,40	1	6



Designed for the insertion of pressure plugs for indirect flow rate reading.



To provide for a pair of pressure plugs accessories code. 621.01.50



Series 619.B

Balanflow
Flanged balancing valve, complete with knob indicating the number of turns, and "memory stop" function.

Cast-iron body.
Elastomer seals.
Flanged connections PN 16.

- Max operating pressure 16 Bar
- Allowed temperatures -10 to +130 °C
- Equipercantage regulation
- Allowed fluid water and water+glycol 50 %
- Pressure gauge plugs connection G1/8"

Code	Measure	Kv (m³/h)	Pack	Outer
619.10.60	DN 65	93,40	1	1
619.11.60	DN 80	122,30	1	1
619.13.60	DN 100	200,00	1	1
619.14.60	DN 125	304,40	1	1
619.15.60	DN 150	400,80	1	1
619.17.60	DN 200	685,60	1	1
619.19.60	DN 250	952,30	1	1
619.21.60	DN 300	1380,20	1	1



Valve provided with two pressure plugs.



Flange suitable for coupling to counter-flange UNI EN 1092-1.



Series 621

Pair of pressure plugs.

Body and plugs in brass.
Elastomer pressure plugs internal seals.
Threaded connections M UNI-EN-ISO 228.

- Max operating pressure 16 Bar
- Max operating temperature 120 °C

Code	Measure	Pack	Outer
621.01.50*	1/8"	1	10

*Pressure plugs for balancing valves and threaded stub pipes.



Pressure plugs for needle adapters code 932.01.00
Accessory supplied with the digital meter code 3566.00.00



Series 2874.B

Pressure independent control valve, provided with pressure plugs.

It allows to keep the flow rate to the desired level even when pressure conditions change in the circuit where it is inserted.

Brass body.
Polymer cartridge with elastomer diaphragm.
Indicator with graduated scale.
Threaded connections FF UNI-EN-ISO 228.

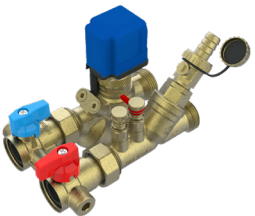
- Max operating pressure 16 Bar
- Allowed temperatures -20 to +120 °C
- Allowed fluid water and water+glycol 50%
- Pressure gauge plugs connection G1/8"

Code	Measure	DP (kPa)	Flow rate (m³/h)	Cartridge
2874.04.50	1/2"	16 - 200	0,037 - 0,575	G
2874.04.60	1/2"	30 - 400	0,064 - 1,110	B
2874.05.50	3/4"	16 - 200	0,037 - 0,575	G
2874.05.60	3/4"	30 - 400	0,064 - 1,110	B
2874.06.50	1"	16 - 200	0,037 - 0,575	G
2874.06.60	1"	30 - 400	0,064 - 1,110	B

G = O.R. Grey
B = O.R. Black



Replaceable cartridge. See Service Division.
Cartridges are available in different colours for both the pressure field and flow rate to be immediately identified.
Valve provided with two pressure plugs.



Series 3717

Valve system that combines the pressure independent control valve with isolation, flushing, draining and commissioning components into a prefabricated tested and ready to install terminal bypass unit.

It allows pressure independent control ensuring full stroke against pressure fluctuation.
It can be used also for flushing and isolating operations at whatever of commissioning and maintenance stage.
The unit can be used for both heating and cooling.

All components made in DZR Brass.
Threaded connections FF UNI-EN-ISO 228.

- Max operating pressure 25 Bar
- Allowed temperatures -10 to +120 °C
- Allowed fluid water and water+glycol 50%

Code	Measure	Flow rate (m³/h)	Pack
3717.05.50	3/4"	0,4	1
3717.05.60	3/4"	0,7	1
3717.05.70	3/4"	1,3	1



Supplied with:
isolation valves
strainer
draining point
P/T plugs
integrated venturi metering station
PICV valve for flow, temperature and pressure control





Series 3566

Portable electronic differential pressure and flow rate measuring instrument. Suitable for detecting work parameters of balancing valves and of measuring stub pipes. Battery-operated.

Supplied complete with professional case and holes for connection to circuit.
Pair of adapters code 932.01.00 not included.

- Max allowable static pressure: 20 Bar
- Measurement range: 2 kPa to 600 kPa
- Accuracy: +/-2% of reading or +/-0.2 kPa whichever is the greater

Instrument with the following accessories:

- Pair of pressure plugs code 621.01.50
- Adapter kit code 1422.02.00
- Cartridge adjustment spanner code 2961.00.02

Code	Pack	Outer
3566.00.00	1	1



Option of using the instrumental rental service. Contact RBM's sales department for the terms, conditions and prices.



Series 932

Pair of needle adapters to measure pressure.

Connection of the electronic differential pressure measuring instrument to the pressure plugs on the measuring stub pipes and RBM balancing valves.

Brass body.
Steel needle.
Threaded connections F UNI-EN-ISO 228.

- Max operating pressure 16 Bar
- Max operating temperature 120 °C

Code	Measure	Pack
932.01.00	1/8"	1



Used to connect pressure plugs code 621.01.50 to digital measuring instrument code 3566.00.00



Series 2882

Electromechanical actuator. Complete with ring nut clamping to valve body and power supply cable.

Normally closed valve position when power missing.

- Power supply 24/230 V
- Consumption 5 W
- Frequency 50Hz
- Electric protection IP54
- Cable length 1 m

Code	Power supply	Pack
2882.00.02	24V AC 0 to 10V	1
2882.00.12	110-230V AC 3 POINTS	1
2882.00.22	24V AC 3 POINTS	1



Specific accessory for independent pressure control valve series 2873 and 2874.



Series 2881

Thermo-electric actuator. Complete with ring nut clamping to valve body and power supply cable.

Normally closed valve position when power missing.

- Power supply 24/230 V
- Consumption 2,5 W
- Frequency 50Hz
- Electric protection IP54
- Cable length 1 m
- Nominal thrust 170N

Code	Power supply	Pack
2881.00.12	24V AC/DC	1
2881.00.22	230V AC	1

Version without auxiliary microswitch (2 wires)



Specific accessory for independent pressure control valve series 2873 and 2874.





Zilmet Cal-Pro

Expansion Vessels for Heating
The CAL-PRO expansion vessels absorb the water volume variations in a closed heating system. The broad range available meets the requirements of various heating systems sizes.

Crimped or welded carbon steel shells, synthetic SBR rubber according to DIN 4807-3 norms are suitable to every capacity for maximizing tank drawdown. Vessels are painted externally with long-lasting epoxy-polyester powder coating and are 100% factory-tested.

- Max operating temperature 99 °C
- Shell: Carbon Steel
- Connections: Carbon Steel
- Colour: Red

Code	Capacity	Max. Working Pressure	Factory Pre-Charge Pressure
ZIL-1300000400	4 L	5 Bar	1.5 Bar
ZIL-1300000800	8 L	5 Bar	1.5 Bar
ZIL-1300001200	12 L	4 Bar	1.5 Bar
ZIL-1300001800	18 L	4 Bar	1.5 Bar
ZIL-1300002500	25 L	4 Bar	1.5 Bar
ZIL-1300003500	35 L	4 Bar	1.5 Bar
ZIL-1300003503	35 L	4 Bar	1.5 Bar
ZIL-1300005000	50 L	4 Bar	1.5 Bar
ZIL-1300005003	50 L	4 Bar	1.5 Bar
ZIL-1300008000	80 L	6 Bar	2 Bar
ZIL-1300010500	105 L	6 Bar	2 Bar
ZIL-1300015000	150 L	6 Bar	2 Bar
ZIL-1300020000	200 L	6 Bar	2.5 Bar
ZIL-1300025000	250 L	6 Bar	2.5 Bar
ZIL-1300030000	300 L	6 Bar	2.5 Bar
ZIL-1300040000	400 L	6 Bar	2.5 Bar
ZIL-1300050000	500 L	6 Bar	2.5 Bar
ZIL-1300060000	600 L	6 Bar	2.5 Bar



Freight charges applicable on this product.



Zilmet Ultra-Pro

Expansion Vessels for Water Supply
ULTRA-PRO pressure tanks are the best choice for irrigation pumps, centrifugal pumps, submersible pumps and for booster sets. The actual capacity of a bladder tank is bigger than the capacity of common storage tanks: the same performance can be obtained with a smaller volume, still granting minimum pump's starts and thus saving energy.

Our pressure tanks undergo a 100% factory testing procedure and are certified according to the PED 2014/68/ EU.

ULTRA-PRO pressure tanks may ensure unlimited service as their bladder is easily replaceable.

- Max operating temperature 99 °C
- Shell: Carbon Steel
- Connections: Galvanised / Stainless Steel
- Colour: Blue

Code	Capacity	Max. Working Pressure	Factory Pre-Charge Pressure
ZIL-1100002418	24 L	10 Bar	1.5 Bar
ZIL-1100005004	50 L	10 Bar	1.5 Bar
ZIL-1100010004	100 L	10 Bar	1.5 Bar
ZIL-1100020004	200 L	10 Bar	1.5 Bar
ZIL-1100030004	300 L	10 Bar	1.5 Bar
ZIL-1100050004	500 L	10 Bar	1.5 Bar
ZIL-1100075056	750 L	10 Bar	1.5 Bar
ZIL-1100100055	1,000 L	10 Bar	1.5 Bar



Freight charges applicable on this product.



Zilmet Wall Mount Bracket

Wall Bracket to suit tanks up to 24L

Code
RBMS-21-0017



Freight charges applicable on this product.



Series 351

Standard safety relief valve with controlled rise for fluids and neutral gases.

Brass body.
Stainless steel AISI 302 spring.
Elastomer obturator seal.
Elastomer diaphragm.
Threaded angle connections FF UNI-EN-ISO 228.

- Maximum admissible pressure PS 10 bar
- Max operating temperature 110 °C
- Orifice diameter 15mm
- Opening overpressure <20% Pt
- Closing discard pressure -20%
- Allowed fluid water-air (Gr.2)

Standard safety relief valve 1/2" x 1/2" female connection

Code	Calibration (bar)	Max. Pwr. (kW)	Pack	Outer
351.04.10	1,50	48	1	50
351.04.20	2,00	55	1	50
351.04.30	2,50	68	1	50
351.04.40	3,00	75	1	50
351.04.50	3,50	83	1	50
351.04.60	4,00	96	1	50
351.04.70	4,50	103	1	50
351.04.80	5,00	109	1	50
351.04.90	6,00	128	1	50
351.04.71	7,00	148	1	50
351.04.81	8,00	166	1	50
351.04.11	10,00	181	1	50

Standard safety relief valve 3/4" x 3/4" female connection

Code	Calibration (bar)	Max. Pwr. (kW)	Pack	Outer
351.05.10	1,50	48	1	50
351.05.20	2,00	55	1	50
351.05.30	2,50	68	1	50
351.05.40	3,00	75	1	50
351.05.50	3,50	83	1	50
351.05.60	4,00	96	1	50
351.05.70	4,50	103	1	50
351.05.80	5,00	109	1	50
351.05.90	6,00	128	1	50
351.05.71	7,00	148	1	50
351.05.81	8,00	166	1	50
351.05.11	10,00	181	1	50



Series 353

Standard safety relief valve with controlled rise for fluids and neutral gases, complete with dial pressure gauge.

Brass body.
Stainless steel AISI 302 spring.
Elastomer obturator seal.
Elastomer diaphragm.
Threaded angle connections FF UNI-EN-ISO 228.
F1/4" pressure gauge connection (UNI-EN-ISO 228).

- Maximum admissible pressure PS 10 bar
- Max operating temperature 110 °C
- Orifice diameter 15mm
- Opening overpressure <20% Pt
- Closing discard pressure -20%
- Pressure gauge scale 0 to 4 Bar for valves < 4 Bar
- Pressure gauge scale 0 - 10 bar for valves > 4 bar
- Permitted fluid water-air (Un.2)

Standard safety relief valve 1/2" x 1/2" female connection with pressure gauge

Code	Calibration (bar)	Max. Pwr. (kW)	Pack	Outer
353.04.10	1,50	48	1	48
353.04.20	2,00	55	1	48
353.04.30	2,50	68	1	48
353.04.40	3,00	75	1	48
353.04.50	3,50	83	1	48
353.04.60	4,00	96	1	48
353.04.70	4,50	103	1	48
353.04.80	5,00	109	1	48
353.04.90	6,00	128	1	48
353.04.71	7,00	148	1	48
353.04.81	8,00	166	1	48
353.04.11	10,00	181	1	48

Standard safety relief valve 3/4" x 3/4" female connection with pressure gauge

Code	Calibration (bar)	Max. Pwr. (kW)	Pack	Outer
353.05.10	1,50	48	1	48
353.05.20	2,00	55	1	48
353.05.30	2,50	68	1	48
353.05.40	3,00	75	1	48
353.05.50	3,50	83	1	48
353.05.60	4,00	96	1	48
353.05.70	4,50	103	1	48
353.05.80	5,00	109	1	48
353.05.90	6,00	128	1	48
353.05.71	7,00	148	1	48
353.05.81	8,00	166	1	48
353.05.11	10,00	181	1	48





Auto-Pressurisation Unit

Digital compact wall mounted single pump pressurisation unit, cold fill pressure up to 3.0 bar.

- Powder coated stainless steel casing
- IP55 weather proof
- Digital LCD Display
- Simple programme navigation
- Fault log
- Pump anti-seize pulse
- System fill mode as standard
- Low water cut out to prevent dry running
- Service reminder
- Flood alarm & pump test

Code	Pack	Outer
RBM-FLO-DM130-OD	1	1



Automatic Filling Kit

RBM Automatic Filling Unit for commercial HVAC applications.

Kit consists of:

- 1) RBM SmartFiller M - automatic feeding unit that features calibration knob (50-400kPa), 500micron filter, isolation valve, check valve and pressure gauge.
- 2) RBM Airterm - threaded inline deaerator valve for eliminating microbubbles from systems via active part of 3-layer stainless steel cartridge mesh and via passive part of automatic float operated air vent.
- 3) Isolation Valve
- 4) 4-Way G1/2" Brass tee for connection to system and/or pressure vessel
- 5) RBM Safety Relief Valve

Code	Size A	Pack	Outer
RBMS-21-0006	1/2"	1	1



Dosing Pot

15L Stainless Steel chemical dosing pot supplied with valves and tundish partially assembled for easy installation.
All connections 15mm

Code	Size A	Pack	Outer
CDP-15	15L	1	1



Buffer Tanks

Designed and manufactured according to AS1210.

Mild Steel or Stainless Steel construction.
Vertical or horizontal mount options.

Tank features inlet baffle distribution plate and large inspection cover.

2x Flange connection as standard.

Rated to 750Kpa Working Pressure,
Design 1,125KPa test pressure.

TCC Cover Colorbond weatherproof cladding.

R3.0 Airflex PE insulation for hot water application.
R2.0 Airflex PE insulation vapour sealer for chilled water application.

Sizes from 25 0L up to 15,000 L nominal capacity.

Code	Size A	Pack	Outer
Various	250L to 15,000L	1	1



Buffer Tank Gauge Kit

Kit consists of:

- RBM G1/2" Thermometer with radial connection. Temperature scale of 0-120°C.
- RBM Safety Relief Valve G1/2" with pressure gauge - 6Bar calibration (other sizes available upon request).
- Brass reducer 3/4" to 1/2".
- RBM Megaluft HP high performance automatic air vent G1/2". Maximum discharge pressure of 10Bar.
- Check valve for air vent to allow for removal without interfering with system operation.
- G1" Isolation Ball Valve F&F - For drainage of buffer tank.

All valves and fittings are supplied loose for installation by others.

Code	Pack	Outer
RBMS-21-0012	1	1





Grundfos NBG

Non-self priming, single-stage centrifugal pump according to EN 1092-2.

The pump is directly coupled with an IE3 high-efficiency IP-55 electric motor.

Pump can be supplied on heavy duty galvanised steel baseplate with additional mounting and vibration isolation options.

Contact RBM Systems for technical selection and pricing.



Grundfos CR

Vertical multistage centrifugal pump with suction and discharge ports on the same level.

All wetted components in stainless steel (EN 1.4301).

Pump can be supplied on heavy duty galvanised steel baseplate with additional mounting and vibration isolation options.

Also available with integral variable speed drive option.

Contact RBM Systems for technical selection and pricing.



Grundfos Magna

The Grundfos MAGNA circulator pumps are designed for heating and cooling applications in commercial buildings.

The pumps are available in both cast-iron and stainless-steel and as twin-head variants.

The pumps are maintenance-free due to the canned-rotor type design.

Magna supports fieldbus by optional CIM modules, and connects directly with the Grundfos GO app via Bluetooth.

Contact RBM Systems for technical selection and pricing.

RBM Systems are an Authorised Grundfos Channel Partner for the Data Centre market segment





Series 38
Check valve for the automatic shut-off of air vent valves, models Vasa, Miniluft and Megaluft.

Brass body.
Elastomer seals.
Threaded connections MF UNI-EN-ISO 228.

- Max operating pressure 6 Bar (without air venting valve)
- Max operating temperature 100 °C

Check valve with pre-treated threading

Code	Size A	Size B	Pack
3829.03.70	G 3/8" F	G 3/8" M	10
3829.04.70	G 3/8" F	G 1/2" M	10
38.04.50	G 1/2" F	G 1/2" M	10



Series 791
Miniluft CP
Compact automatic air vent valve for small and medium circuits, complete with manual locking pawl and check valve for automatic shut-off. Float operation.

Polymer body. Polymer cap unit.
Float in PP.
Stainless steel AISI 302 spring.
Elastomer seals.
Threaded connection M UNI-EN-ISO 228.

- Max operating pressure 6 Bar
- Max nominal pressure tolerable 10 Bar
- Max operating discharge pressure 4 Bar
- Max operating temperature 100 °C
- Allowed fluid water and water+glycol 30 %

Features:

MAXIMUM DISCHARGE PRESSURE 4 bar

Code	Measure	Model	Pack
791.03.40	G 3/8"	Miniluft CP	1
791.04.40	G 1/2"	Miniluft CP	1



Series 2827.A
Miniluft Compact
Compact automatic air vent valve for smaller systems, complete with manual locking pawl. Lateral discharge. Float operation.

Brass body. Polymer cap unit.
Float in PP.
Stainless steel AISI 302 spring.
Elastomer seals.
Polymer air pocket breaker
Threaded connection M UNI-EN-ISO 228.

- Max operating pressure 10 Bar
- Max operating discharge pressure 4 Bar
- Max operating temperature 115 °C
- Allowed fluid water and water+glycol 30 %

Features:

MAXIMUM DISCHARGE PRESSURE 4 bar

Code	Measure	Model	Pack
2827.03.10*	G 3/8"	Miniluft Compact	1
2827.04.00	G 1/2"	Miniluft Compact	1

*Valve fitted with air pocket breaker



Series 2828
Miniluft
Compact automatic air vent valve for smaller systems, complete with manual locking pawl. Vertical discharge. Float operation.

Brass body. Polymer cap unit.
Float in PP.
Stainless steel AISI 302 spring.
Elastomer seals.
Polymer air pocket breaker
Threaded connection M UNI-EN-ISO 228.

- Max operating pressure 10 Bar
- Max operating discharge pressure 6 Bar
- Max operating temperature 115 °C
- Allowed fluid water and water+glycol 30 %

Features:

MAXIMUM DISCHARGE PRESSURE 6 bar

Code	Measure	Model	Pack
2828.03.10*	G 3/8"	Miniluft	1
2828.04.00	G 1/2"	Miniluft	1

*Valve fitted with air pocket breaker

Vertical discharge.



Series 3574
Miniluft HP
Automatic high-performance air vent valve with manual locking pawl. Vertical discharge. Float operation.

Brass bottom and cap.
Float in PP.
Stainless steel AISI 302 spring.
Elastomer seals.
Threaded connection M UNI-EN-ISO 228.

- Max operating pressure 10 Bar
- Max operating discharge pressure 8 Bar
- Max operating temperature 115 °C
- Allowed fluid water and water+glycol 30 %

Features:

MAXIMUM DISCHARGE PRESSURE 8 bar

Code	Measure	Model	Pack
3574.03.00	G 3/8"	Miniluft HP	1
3574.04.00	G 1/2"	Miniluft HP	1
3574.05.00	G 3/4"	Miniluft HP	1



Series 2836
Megaluft HP
Deaerator with high discharge capacity. Float operation.

Brass body.
Float and lever in PP.
Stainless steel AISI 302 spring.
Elastomer seals.
Threaded connection M UNI-EN-ISO 228.

- Max operating pressure 10 Bar
- Max operating discharge pressure 10 Bar
- Max operating temperature 115 °C
- Allowed fluid water and water+glycol 30 %

Features:

MAXIMUM DISCHARGE PRESSURE 10 bar

Code	Measure	Model	Pack
2836.04.00	G 1/2"	Megaluft HP	1





Series 2830.A

Airterm
Line deaerator. Float operated.

- Brass body.
Float and lever in PP.
Stainless steel AISI 302 spring.
Stainless steel 304 3Layers cartridge.
Elastomer seals.
Threaded connections F UNI-EN-ISO 228.
- Max operating pressure 10 Bar
 - Max operating discharge pressure 10 Bar
 - Max operating temperature 110 °C
 - Allowed fluid water and water+glycol 30 %

Features:



Code	Measure	Model	Pack
2830.04.00	G 1/2"	Airterm	1
2830.05.00	G 3/4"	Airterm	1
2830.06.00	G 1"	Airterm	1
2830.07.00	G 1"1/4	Airterm	1
2830.08.00	G 1"1/2	Airterm	1
2830.09.00	G 2"	Airterm	1



Series 2830.B

Airterm
Flanged in-line deaerator. Float operation.

- Painted steel body.
Valve body and brass degasser.
Elastomer degasser seals.
PN16 flanged connections.
- Max operating pressure 10 Bar
 - Max operating discharge pressure 10 Bar
 - Max operating temperature 110 °C
 - Allowed fluid water and water+glycol 30 %

Code	Measure	Model	Pack
2830.09.72	DN 50	Airterm	1
2830.10.72	DN 65	Airterm	1
2830.11.72	DN 80	Airterm	1
2830.13.72	DN 100	Airterm	1
2830.14.72	DN 125	Airterm	1
2830.15.72	DN 150	Airterm	1



Series 2829.A

Dirterm
Self-cleaning dirt separator. Complete with drain ball cock with hose connection.

- Brass body.
Stainless steel AISI 304 3 Layers filtering cartridge.
Elastomer hydraulic seals.
Threaded connections FF UNI-EN-ISO 228.
- Max operating pressure 10 Bar
 - Operating temperature 0 to +110 °C

Code	Measure	Kv (m³/h)	Pack
2829.04.00	G 1/2"	7,40	1
2829.05.00	G 3/4"	12,66	1
2829.06.00	G 1"	20,44	1
2829.07.00	G 1"1/4	28,14	1
2829.08.00	G 1"1/2	44,45	1
2829.09.00	G 2"	65,58	1



Series 2831.A

Airterm Dirt
Self-cleaning dirt separator / deaerator. Float operated deaerator. Complete with drain ball cock with hose connection.

- Brass body.
Lever floating device in PP.
Stainless steel AISI 304 3 Layers filtering cartridge.
Elastomer hydraulic seals.
Threaded connections FF UNI-EN-ISO 228.
- Max operating pressure 10 Bar
 - Max operating discharge pressure 10 Bar
 - Operating temperature 0 to +110 °C

Code	Measure	Kv (m³/h)	Pack
2831.04.00	G 1/2"	7,40	1
2831.05.00	G 3/4"	12,66	1
2831.06.00	G 1"	20,44	1
2831.07.00	G 1"1/4	28,14	1



Series 2831.B

Airterm Dirt
Self-cleaning dirt separator/ flanged deaerator. Float operation.

- Painted steel body.
Valve body and brass degasser.
Elastomer degasser seals.
PN16 flanged connections.
- Max operating pressure 10 Bar
 - Max operating discharge pressure 10 Bar
 - Max operating temperature 110 °C
 - Allowed fluid water and water+glycol 30 %

Code	Measure	Pack
2831.09.72	DN 50	1
2831.10.72	DN 65	1
2831.11.72	DN 80	1
2831.13.72	DN 100	1
2831.14.72	DN 125	1
2831.15.72	DN 150	1





Series 617.A

Threaded, pre-dimensioned hydraulic separator.

Painted steel body.
Valves and degasser are made of brass.
PTFE ball valves seals.
Elastomer degasser seals.
Threaded union connections F UNI-EN-ISO 228.
Front connection for 1/2" F UNI-EN-ISO 228 accessories.

- Max operating pressure:
- Separator body 10 Bar
 - Ball valve 25 Bar
 - Degasser 10 Bar

- Allowed temperatures:
- Degasser 0 to +115 °C
 - Ball valve -15 to +120 °C

Code	Measure	Flow rate (l/h)	Pack
617.06.12	1"	2.500	1
617.07.12	1"1/4	4.000	1
617.08.12	1"1/2	6.000	1
617.09.12	2"	8.500	1



Supplied complete with MEGALUFT degasser, ball valve to discharge bottom and mud drainage and thermal insulation shell.



Series 617.B

Flanged, pre-dimensioned hydraulic separator.

Painted steel body.
Valves and degasser are made of brass.
PTFE ball valves seals.
Elastomer degasser seals.
PN16 flanged connections.
Connection for 1/2" F UNI-EN-ISO 228 accessories.

- Max operating pressure:
- Separator body 10 Bar
 - Ball valve 25 Bar
 - Degasser 10 Bar

- Allowed temperatures:
- Degasser 0 to +115 °C
 - Ball valve -15 to +120 °C

Code	Measure	Flow rate (l/h)	Pack
617.09.72	DN 50	9.000	1
617.10.72	DN 65	18.000	1
617.11.72	DN 80	28.000	1
617.13.72	DN 100	56.000	1
617.14.72	DN 125	75.000	1
617.15.72	DN 150	110.000	1



Supplied complete with MEGALUFT degasser, ball valve to discharge bottom and mud drainage and thermal insulation shell.
Flange suitable for coupling with counter-flange UNI EN 1092-1.

Series 3715.A



Code	Measure	Kv (m³/h)	Pack	Outer
3715.05.10	G 3/4"	4,65	1	6

Patented



Super compact.
Shut-off system included.
Triple filtration.
High efficiency.
Removes any impurity.
Fights corrosion.
Increases the lifespan of the boiler.
Maintains optimum system efficiency.

Features:



MG2
Under-boiler magnetic sludge remover filter.

Plastic polymer cartridge holder body.
Stainless steel AISI 304 filtering cartridge.
Elastomer hydraulic seals.
Threaded connections MF UNI-EN-ISO 228.

- Max operating pressure 3 Bar
- Operating temperature 0 to 90° C
- Neodymium magnet
- Filtering grade 800 µm



Series 3070.A

MG1
Under-boiler magnetic sludge remover filter. Supplied complete with swivel filter/boiler connection fitting and ball valve.

Plastic polymer cartridge holder body.
Stainless steel AISI 304 filtering cartridge.
Elastomer hydraulic seals.
Threaded connections MF UNI-EN-ISO 228.

- Max operating pressure 3 Bar
- Operating temperature 0 to +90 °C
- Neodymium magnet B = 11000 gauss
- B(T max) / B(T amb)* < 1%
- *T max = 130 °C - T amb = 21 °C
- Filtering grade 800 µm

Features:



Code	Measure	Kv (m³/h)	Pack	Outer
3070.05.00	G 3/4"	5,49	1	6

Patent nr. 202015000064159





Series 3699

MP1
Self-cleaning magnetic sludge remover filter for hydronic heat pump.

Complete with integrated shut-off device and discharge ball cock.

Body in plastic polymer.
AISI 304 stainless steel reinforced filtering cartridge.
Elastomer hydraulic seals.
Threaded connections MM UNI-EN-ISO 228.

- Max operating pressure 6 Bar
- Operating temperature 0 - +70 °C
- Neodymium magnet B = 11000 gauss
- Filtering grade 800 µm

Features:



Code	Measure	Kv (m³/h)	Pack
3699.06.00	G 1"	17.3	1
3699.07.00	G 1"1/4	17.3	1



Series 3833

MP2
Self-cleaning magnetic sludge remover filter for hydronic heat pump.

Brass diverter valve body.
Plastic polymer cartridge holder body.
Stainless steel AISI 304 filtering cartridge.
Elastomer hydraulic seals.
Threaded connections FF UNI-EN-ISO 228.

- Max operating pressure 6 Bar
- Operating temperature 0-70 °C
- Neodymium magnet B = 11000 gauss
- Filtering grade 800 µm

Features:



Code	Measure	Kv (m³/h)	Pack
3833.06.00	G 1"	10,73	1

Patented

HEAT PUMPS MAGNETIC FILTRATION



MP1
Series 3699
Measures:
1" - 1"1/4



MP2
Series 3833
Measures:
1"



Series 2405

SafeCleaner2
Multifunction polymer magnetic dirt separator, diverter in brass, FF connection.

Plastic polymer cartridge holder body.
Nickel plated brass diverter valve.
Stainless steel AISI 304 filtering cartridge.
Elastomer hydraulic seals.
Threaded connections FF UNI-EN-ISO 228.

- Max operating pressure 4 Bar
- Operating temperature 0 to +90 °C
- Neodymium magnet B = 11000 gauss
- B(T max) / B(T amb)* < 1%
- *T max = 130 °C - T amb = 21 °C

Code	Measure	Kv (m³/h)	Pack	Outer
2405.05.00	G 3/4"	6,81	1	6
2405.06.00	G 1"	7,51	1	4



Series 2344

SafeCleaner2
Multifunction polymer magnetic dirt separator, diverter in brass, with FF ball valves connection.

Plastic polymer cartridge holder body.
Nickel plated brass diverter valve.
Stainless steel AISI 304 filtering cartridge.
Elastomer hydraulic seals.
Threaded connections FF UNI-EN-ISO 228.

- Max operating pressure 4 bar
- Operating temperature 0 to +90 °C
- Neodymium magnet B = 11000 gauss
- B(T max) / B(T amb)* < 1%
- *T max = 130 °C - T amb = 21 °C

Code	Measure	Kv (m³/h)	Pack	Outer
2344.05.50	G 3/4"	6,81	1	6
2344.06.50	G 1"	7,51	1	4
2344.07.50	G 1"1/4	7,51	1	4



Series 2319

SafeCleaner2
Multifunction polymer magnetic dirt separator, with FF ball valves connection.

Plastic polymer cartridge holder body.
Plastic polymer diverter valve.
Stainless steel AISI 304 filtering cartridge.
Elastomer hydraulic seals. Threaded connections FF UNI-EN-ISO 228.

- Max operating pressure 4 Bar
- Operating temperature 0 to +90 °C
- Neodymium magnet B = 11000 gauss
- B(T max) / B(T amb)* < 1%
- *T max = 130 °C - T amb = 21 °C

Code	Measure	Kv (m³/h)	Pack	Outer
2319.05.50	G 3/4"	6,81	1	6
2319.06.50	G 1"	7,51	1	4
2319.07.50	G 1"1/4	7,51	1	4





Series 3548

Mag-nus2
Self-cleaning magnetic sludge remover filter for hydraulic systems. Provided with drain ball cock with hose end connector.

Brass body.
Stainless steel AISI 304 filtering cartridge.
Elastomer hydraulic seals.
Threaded connections FF UNI-EN-ISO 228.

- Max operating pressure 10 Bar
- Operating temperature 0 to +100 °C
- Max operating temperature 130 °C
- Neodymium magnet B = 11000 gauss
- B(T max) / B(T amb)* < 1%
- *T max = 130 °C - T amb = 21 °C

Features:



Code	Measure	Kv (m³/h)	Pack	Outer
3548.05.00	G 3/4"	9,50	1	4
3548.06.00	G 1"	10,30	1	4



Series 2863

Airterm Mag
Self-cleaning dirt separator / deaerator. Float operated deaerator. Provided with drain ball valve with hose end connector.

Brass body.
Stainless steel AISI 304 2 Layers filtering cartridge.
Elastomer hydraulic seals.
Threaded connections FF UNI-EN-ISO 228.

- Max operating pressure 10 Bar
- Max operating discharge pressure 10 Bar
- Operating temperature 0 to +110 °C
- Neodymium magnet B = 11000 gauss

Features:



Code	Measure	Kv (m³/h)	Pack	Outer
2863.04.00	G 1/2"	7,40	1	6
2863.05.00	G 3/4"	12,66	1	6
2863.06.00	G 1"	20,44	1	6
2863.07.00	G 1"1/4	28,14	1	6



Magnetic dirt separator + embedded deaerator.



Series 3602

MG Compact
Compact self-cleaning magnetic sludge remover filter hydraulic systems. With drain ball cock. Suitable for boiler room.

Main body in painted steel on the outside.
Steel cover.
Elastomer seals.
AISI stainless steel filter cartridge

- Max operating pressure 10 Bar
- Max operating temperature 95 °C
- Neodymium magnet
- Filtering grade 100 µm

Features:



Code	Measure	Kv (m³/h)	Pack
3602.04.00	G 1/2"	5,50	1
3602.05.00	G 3/4"	9,87	1
3602.06.00	G 1"	16,59	1
3602.07.00	G 1"1/4	31,10	1
3602.08.00	G 1"1/2	50,60	1
3602.09.00	G 2"	81,00	1



Series 3541

MG Plus
Self-cleaning magnetic sludge remover filter for hydraulic systems. With drain ball cock. Suitable for boiler room.

Main body and flanges in painted steel on the outside
Steel cover
Elastomer seals
AISI stainless steel filter basket
Pair of pressure gauges, 0-10 bar scale
PN16 flanged couplings

- Max operating pressure 10 Bar
- Max operating temperature 95 °C
- Neodymium magnets
- Filtering grade 100 µm

Features:



Code	Measure	Kv (m³/h)	Pack
3541.09.10	DN 50	14* - 23**	1
3541.10.10	DN 65	35* - 46**	1
3541.11.10	DN 80	42* - 57**	1
3541.13.10	DN 100	55* - 73**	1
3541.14.10	DN 125	100* - 131**	1
3541.15.10	DN 150	141* - 173**	1

*Flow rate with 20 kPa pressure drop
**Flow rate with 30 kPa pressure drop



Flange suitable for coupling with counter-flange UNI EN 1092-1.





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