



Heating

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Thermostatic radiator valves

■ Control head

Acc. to EN 215 - Built-in sensor with liquid-filled element - Connection M30 x 1,5.



Thermostatic control head

pack	code
1/126	TTH

■ Female radiator valves

Chrome-plated - With internal o-ring & external gasket.



Angle type

Ø	pack	code
3/8"	15/90	RTH12E
1/2"	6/48	RTH15E



Straight type

Ø	pack	code
3/8"	15/120	RTH12D
1/2"	6/48	RTH15D



Reverse type

Ø	pack	code
3/8"	9/72	RTH12EI
1/2"	9/72	RTH15EI

■ Female lockshield valves

Chrome-plated - With internal o-ring & external gasket.



Angle type

Ø	pack	code
3/8"	20	CR12CH
1/2"	15	CR15CH



Straight type

Ø	pack	code
3/8"	20	TR12CH
1/2"	15	TR15CH



Mandatory packing 12 pcs

Manual radiator valves



Nickel-plated brass CW617N body - Internal o-ring - Max. temperature: +110°C - Max. pressure: 10 bar.

■ Female radiator valves

Angle type

Ø	pack	code
1/2"	12/144	RRI15E

■ Female lockshield valves

Angle type

Ø	pack	code
1/2"	12/156	CR115



Straight type

Ø	pack	code
1/2"	12/96	RRI15D



Straight type

Ø	pack	code
1/2"	12/156	TRI15

■ Male radiator valves

Angle type

Ø	pack	code
1/2"	12/96	RRI15EM

■ Male lockshield valves

Angle type

Ø	pack	code
1/2"	12/156	CR115M



Straight type

Ø	pack	code
1/2"	12/96	RRI15DM



Straight type

Ø	pack	code
1/2"	12/156	TRI15M



Mandatory packing 12 pcs

Thermostatic radiator valves

Control head



Acc. to EN215 - Built-in sensor with oil-filled element - Adjustable temperature range: +5°C/+28°C - Antifreeze position set: +5°C - Locking temperature setting - Connection M30x1,5 - Class A energy saving.



Thermostatic control head

pack	code
1/120	TTI

Nickel-plated brass CW617N body - Internal o-ring & external gasket - Max. temperature: +110°C - Max. pressure: 10 bar - Max. glycol: 30%.

Female radiator valves

Angle type

Ø	pack	code
1/2"	4/96	RRT115E



Female lockshield valves

Angle type

Ø	pack	code
1/2"	12/156	CRT115



Straight type

Ø	pack	code
1/2"	4/96	RRT115D



Straight type

Ø	pack	code
1/2"	12/132	TRT115



Nickel-plated brass CW617N body - Internal o-ring & external gasket - Max. temperature: +110°C - Max. pressure: 10 bar - Max. glycol: 30%.

Male radiator valves

Angle type

Ø	pack	code
1/2"	4/96	RRT115EM



Male lockshield valves

Angle type

Ø	pack	code
1/2"	12/192	CRT115M



Straight type

Ø	pack	code
1/2"	4/96	RRT115DM



Straight type

Ø	pack	code
1/2"	12/156	TRT115M



Fittings for radiator valve

Fitting 1/2" for multilayer pipes

Ø	pack	code
1/2" - M 16x2,0	10/500	MCI1516X2



Fitting 1/2" for copper pipes

Ø	pack	code
1/2"x15	50/600	CUI1515



Radiator air vents & drain cocks

For carbon steel radiators.

Packaging:
blister of 10 pcs
or bulk



blister of 10 pcs



bulk



Angle type

Ø	packaging	pack	code
1/2"	blister of 10	50/200	BP15
1/2"	bulk	100/500	BP15V



Plain cap

Ø	packaging	pack	code
1/2"	blister of 10	50/200	BPL15
1/2"	bulk	100/500	BPL15V



Reduction nipple

Ø	packaging	pack	code
1/2" - 3/8"	blister of 10	50/200	R1512
1/2" - 3/8"	bulk	100/500	R1512V
1/2" - 1/8"	blister of 10	50/200	R1505
1/2" - 1/8"	bulk	100/500	R1505V



Mini drain cock with adjustable outlet

Ø	packaging	pack	code
1/2"	blister of 10	50/200	RV15
1/2"	bulk	100/500	RV15V



Mini drain cock with o-ring

Ø	packaging	pack	code
3/8"	blister of 10	50/200	RV12
3/8"	bulk	50	RV12V



Automatic hygroscopic air vent

Ø	pack	code
1/8"	25	PD05
1/4"	25	PD08
3/8"	25	PD12
1/2"	25	PD15



Wheel air vent

Ø	packaging	pack	code
1/8"	blister of 10	50/200	PV05C
1/8"	bulk	100	PV05CV



Wheel air vent with adjustable outlet

Ø	packaging	pack	code
1/8"	blister of 10	50/200	PV05B
1/8"	bulk	50	PV05BV
1/4"	blister of 10	50/200	PV08B
1/4"	bulk	50/200	PV08BV



Hostaform wheel air vent

Rubber seat & PTFE ring

Ø	packaging	pack	code
1/8"	bulk	50	PV05L



Square driving air vent

Ø	packaging	pack	code
1/8"	blister of 10	50/200	PC05C
1/8"	bulk	100	PC05CV

Key for square driving air vent

	pack	code
4 mm	10	ZCLE4
5 mm	10	ZCLE5



Drain cock ball valve

Ø	pack	code
1/2"	150	RVC15T

Conical drain valves

Male - Female



Ø	pack	code
3/8"	25	60112
1/2"	25	60115
3/4"	10	60120



Male & cap

Ø	pack	code
3/8"	25	60312
1/2"	25	60315
3/4"	10	60320

Female - Female



Ø	pack	code
3/8"	25	60212
1/2"	25	60215
3/4"	10	60220



Nozzle

Ø	pack	code
3/8"	25	ZRT12
1/2"	25	ZRT15
3/4"	25	ZRT20

Towel heaters

Hydraulic

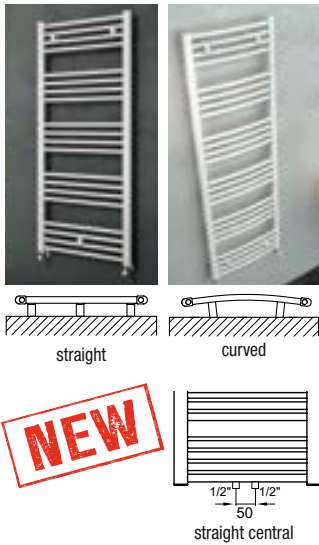
Acc. to EN 442-1 - White RAL 9016 - Support set & drain cock included - Max. temperature: +110°C - ⚠ Do not use any electric resistor with a power (W) higher than the one mentioned in the chart (power $\Delta t = 50^\circ\text{C}$ (W)).



Mahana

Laquered carbon steel 22 mm diameter vertical radiant bodies - 30 x 40 mm horizontal manifolds - Connections 2 x 1/2" F & 1 x 1/2" for drain cock - Max. pressure: 8 bar.

height (mm)	width (mm)	center distance (mm)		weight (kg)	volume (l)	power $\Delta t = 50^\circ\text{C}$ (W)	straight code	curved code
		straight	curved					
700	500	450	444	4,1	2,9	301	MAH500700D	MAH500700G
1238	500	450	444	7,1	5,0	514	MAH5001238D	MAH5001238G
1238	600	550	546	7,9	5,7	598	MAH6001238D	MAH6001238G
1496	500	450	444	8,5	6,0	631	MAH5001496D	MAH5001496G
1496	600	550	546	9,5	6,8	728	MAH6001496D	MAH6001496G
1775	600	550	546	11,2	8,0	858	MAH6001775D	MAH6001775G
height (mm)	width (mm)	center distance (mm)		weight (kg)	volume (l)	power $\Delta t = 50^\circ\text{C}$ (W)	straight central code	
		straight	curved					
1238	500	50	50	7,1	5	514	MAH5001238DC	
1238	600	50	50	7,9	5,7	598	MAH6001238DC	
1496	500	50	50	8,5	6	631	MAH5001496DC	
1496	600	50	50	9,5	6,8	728	MAH6001496DC	



NEW

Hita

Laquered carbon steel 28 mm diameter vertical radiant bodies - 50 x 10 mm horizontal manifolds - Connections 2 x 1/2" F & 1 x 1/2" for drain cock - Max. pressure: 5 bar.

height (mm)	width (mm)	center distance (mm)	weight (kg)	volume (l)	power $\Delta t = 50^\circ\text{C}$ (W)	code
930	400	370	8,80	3,8	396	HIT400930
930	500	470	10,40	4,35	477	HIT500930
930	600	570	12	4,90	558	HIT600930
1 290	400	370	12,30	5	536	HIT4001290
1 290	500	470	14,50	5,75	653	HIT5001290
1 290	600	570	16,70	6,50	770	HIT6001290
1 640	400	370	15	6,40	673	HIT4001640
1 640	500	470	17,75	7,35	812	HIT5001640
1 640	600	570	20,50	8,30	952	HIT6001640



NEW

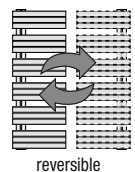
Wela

Laquered carbon steel 38 mm diameter vertical radiant bodies - 50 x 10 mm horizontal manifolds - Connections 4 x 1/2" F - Max. pressure: 5 bar.

height (mm)	width (mm)	center distance (mm)	weight (kg)	volume (l)	power $\Delta t = 50^\circ\text{C}$ (W)	code
976	550	50	11,5	4,3	461	WEL550976
1421	550	50	16,4	6,2	656	WEL5501421
1869	550	50	21,4	8,1	860	WEL5501869



NEW



Electric

Acc. to EN 442-1 - White RAL 9016 - Tension 230V/50Hz - IP44 class II - 1,2m wire - Water + glycol - Programmable thermostat.



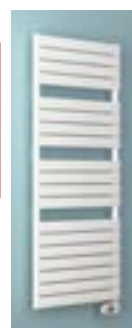
Mahana

height (mm)	width (mm)	weight (kg)	power (W)	code
1308	400	11,3	500	MAH4001308DE
1566	500	15,2	750	MAH5001566DE
1845	550	18,9	1000	MAH5501845DE

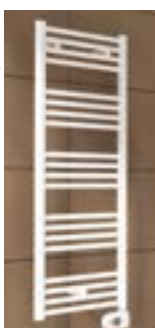


Hita

height (mm)	width (mm)	weight (kg)	power (W)	code
1000	500	15,45	500	HIT5001000E
1360	500	20,95	750	HIT5001360E
1710	500	27,65	1000	HIT5001710E



NEW



Electric sets for towel heater



When the boiler is off, the device offers the requested temperature & dries the towels - Includes: heating cartridge, chromed tee, control panel, o-rings & key.

Digital

Temperature setting: +5 to +30°C -
1 ou 2 h boost mode.

power (W)	white code	grey code
300	KM0300DB	KM0300DG
500	KM0500DB	KM0500DG
750	KM0750DB	KM0750DG
1000	KM1000DB	KM1000DG
1250	KM1250DB	KM1250DG

Analogue

Temperature setting: +7 to +30°C.
2 h boost mode -
6 order pilot wire.

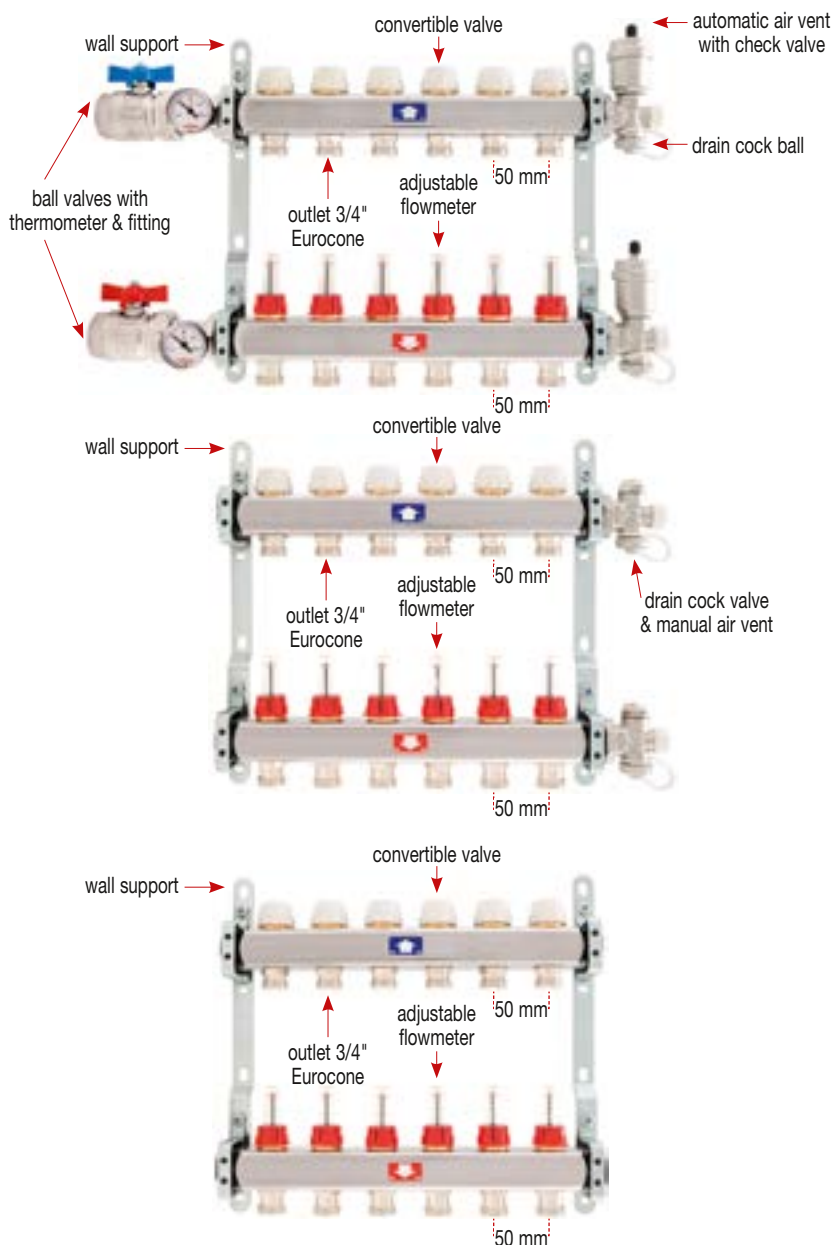


power (W)	code
300	KM0300AB
500	KM0500AB
750	KM0750AB
1000	KM1000AB
1250	KM1250AB

Heating floor components



Stainless steel distribution manifolds



Complete set

Max. pressure: 6 bar - Max. temperature: +70°C.

outlets	dimension (mm)	code
2	312	COLSTCI2
3	362	COLSTCI3
4	412	COLSTCI4
5	462	COLSTCI5
6	512	COLSTCI6
7	562	COLSTCI7
8	612	COLSTCI8
9	662	COLSTCI9
10	712	COLSTCI10

Set with flowmeters, air vents & drain cocks

Max. pressure: 6 bar - Max. temperature: +70°C.

outlets	dimension (mm)	code
2	199	COLSTFADI2
3	249	COLSTFADI3
4	299	COLSTFADI4
5	349	COLSTFADI5
6	399	COLSTFADI6
7	449	COLSTFADI7
8	499	COLSTFADI8
9	549	COLSTFADI9
10	599	COLSTFADI10

Set with flowmeters

Max. pressure: 6 bar - Max. temperature: +70°C.

outlets	dimension (mm)	code
2	143	COLSTFI2
3	193	COLSTFI3
4	243	COLSTFI4
5	293	COLSTFI5
6	343	COLSTFI6
7	393	COLSTFI7
8	443	COLSTFI8
9	493	COLSTFI9
10	543	COLSTFI10



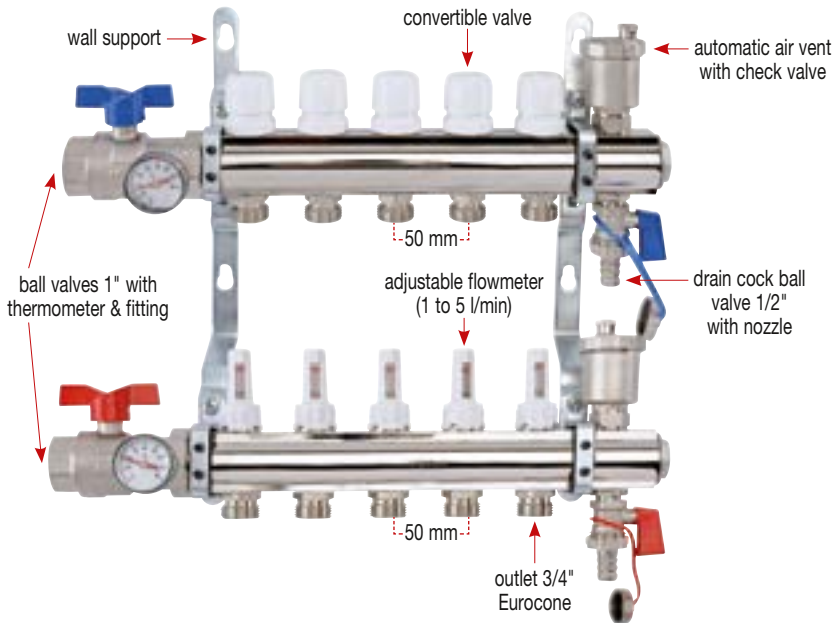
Electrothermic head for stainless steel manifolds

No tension, normally closed - 1 m wire - 230V - 1W - TS: 0°C/+60°C -
Δp: 1,5 bar - IP54 - 2 threads w/ a 300 mA auxiliary microswitch.

code
TETI2



Brass distribution manifold



Complete set

Max. pressure: 6 bar - TS: +5°C/+65°C.

outlets	dimension (mm)	code
2	270	COLSTC2
3	320	COLSTC3
4	370	COLSTC4
5	420	COLSTC5
6	470	COLSTC6
7	520	COLSTC7
8	570	COLSTC8
9	620	COLSTC9
10	670	COLSTC10



Accessories for brass distribution manifold



Flowmeter

code
DEBSTC



Thermometer

code
THESTC



Thermometer

code
THDERH



Thermostatic shut-off valve

code
ROBTHSTC



Electrothermic head

No tension, normally closed -
1 m wire - 230V - 1,2W -
Position indicator - M30 x 1,5.

code
TETPB



Air vent

code
PURSTC



Drain cock ball valve

1/2" inlet & 3/4" outlet

code	
Red	ROBSTCR
Blue	ROBSTCB



Wall support

(sold by 2)

code
SUPSTC



Housing

Adjustable depth 110 mm to 140 mm.

dimension (mm)	outlets	code
500 x 400	2 to 3	COF3
500 x 600	4 to 6	COF6
500 x 800	7 to 9	COF9
500 x 1000	10 to 12	COF12

Fittings for distribution manifolds

Eurocone connection (compatible for stainless steel & brass distribution manifolds).

Fittings for multilayer pipes



Ø	pack	code
3/4" - 16x2	20/300	MCEUR341620I
3/4" - 20x2	20/300	MCEUR342020I

Fittings for plastic (PEX) pipes



Ø	pack	code
3/4" - 16x1,5	25/200	PEUR341615I
3/4" - 16x2	20/300	PEUR341620I
3/4" - 17x2	20/300	PEUR341720I

Accessories for heating floor slabs



Slab heating cutter

code
THE



Spare blade

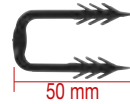
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LAM



Mechanical staple

For AG400, AG500, AG40PLUS & AG55PLUS

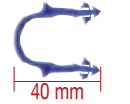
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AGRAF



Jumpers

(sold by box of 500)

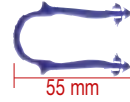
code
50 mm
CAV



High performance thermic staples

(sold by box of 300)

pack	code
40 mm	20 boxes AG40PLUS
55 mm	10 boxes AG55PLUS

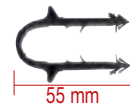


Staples

For 13x16 & 16x20 pipes (sold by box of 300)



pack	code
40 mm	20 boxes AGR400
55 mm	10 boxes AGR550



Peripheral insulations



Standard

(sold by roll)

pack	code
50 m x 120 mm - 8 mm thick	10 rolls ISOST
50 m x 180 mm - 8 mm thick	6 rolls ISOST2



50 m x 150 mm - 5 mm thick

8 rolls	ISOSTM
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With wiper

(sold by roll)

pack	code
50 m x 150 mm - 8 mm thick	8 rolls ISOFB
25 m x 180 mm - 8 mm thick	4 rolls ISOFB2



Self-adhesive with wiper

(sold by roll)

pack	code
50 m x 150 mm - 8 mm thick	4 rolls ISOFA



With adhesive wiper

(sold by roll)

pack	code
50 m x 120 mm - 5 mm thick	10 rolls ISOFBAM
50 m x 150 mm - 5 mm thick	8 rolls ISOFBAM2



With adhesive wiper for sleek tile

(sold by roll)

pack	code
50 m x 150 mm - 8 mm thick	8 rolls ISOFBA



Cutting pliers

For pipes up to Ø 32

code
Blister
PINCOU



For pipes up to Ø 32

code
Blister
PINCT
Box of 10
PINCT10



Test pump

Max. pressure: 50 bar

code
POMEPR



Bending springs

For plastic pipes

	code
10 x 12 mm	RES12
13 x 16 mm	RES16
16 x 20 mm	RES20
20 x 25 mm	RES25



Para-heating protection fluid

code
1 l
PAR1
5 l
PAR5



Filling pump

For Para-heating 1 l
For Para-heating 5 l

code
POM1
POM5

Circulators for heating



Acc. to the 2013 & 2015 European Directive ErP 2009/125/EC - EEI between 0,19 & 0,23 - Max. pressure: 10 bar - IP44 - Insulation class: F - 230V~50/60Hz - Max. glycol: 30%.



Domestic use



EVOSTA

0,4 to 3,3 m³/h up to 6,9 m -
Temperature range: +2°C/+95°C.

	length (mm)	Ø	code
EVOSTA 40	130	1 1/2"	EVA4070130
	130	1"	EVA407013026
	180	1 1/2"	EVA4070180
	180	2"	EVA4060180X
	120	oval flanges	EVA4060120
EVOSTA 40 DPC*	130	1 1/2"	EVA4070130DPC
	130	1"	EVA407013026DPC
	180	1 1/2"	EVA4070180DPC

* for heating floor.



EVOTRON

0,4 to 4,2 m³/h up to 8 m -
Temperature range: -10°C/+110°C.

	length (mm)	Ø	code
EVOTRON 40	130	1 1/2"	EV40130
	180	1 1/2"	EV40180
	180	2"	EV40180X
	130	1"	EV4013026
	120	oval flanges	EV4060120
EVOTRON 60	130	1 1/2"	EV60130
	180	1 1/2"	EV60180
	180	2"	EV60180X
EVOTRON 80	130	1"	EV6013026
	130	1 1/2"	EV80130
	180	1 1/2"	EV80180
180	2"	EV80180X	

NEW



Collective use



	length (mm)	Ø	flanged	code
EVOPLUS 40	180	1 1/2"		EVO40180M
EVOPLUS 40	180	2"		EVO40180XM
EVOPLUS 60	180	1 1/2"		EVO60180M
EVOPLUS 60	180	2"		EVO60180XM
EVOPLUS 80	180	1 1/2"		EVO80180M
EVOPLUS 80	180	2"		EVO80180XM
EVOPLUS 110	180	1 1/2"		EVO110180M
EVOPLUS 110	180	2"		EVO110180XM
EVOPLUS B40	220		DN32	EVOB40220
EVOPLUS B40	250		DN40	EVOB40250
EVOPLUS D40 - Double	220		DN32	EVOD40220
EVOPLUS D40 - Double	250		DN40	EVOD40250
EVOPLUS B60	220		DN32	EVOB60220
EVOPLUS B60	250		DN40	EVOB60250
EVOPLUS D60 - Double	220		DN32	EVOD60220
EVOPLUS D60 - Double	250		DN40	EVOD60250
EVOPLUS B80	220		DN32	EVOB80220
EVOPLUS B80	250		DN40	EVOB80250
EVOPLUS D80 - Double	220		DN32	EVOD80220
EVOPLUS D80 - Double	250		DN40	EVOD80250
EVOPLUS B110	220		DN32	EVOB110220
EVOPLUS B110	250		DN40	EVOB110250
EVOPLUS D110 - Double	220		DN32	EVOD110220
EVOPLUS D110 - Double	250		DN40	EVOD110250
EVOPLUS B120	220		DN32	EVOB12032
EVOPLUS D120 - Double	220		DN32	EVOD12032
EVOPLUS B40	220		DN40	EVOB4040
EVOPLUS B60	220		DN40	EVOB6040
EVOPLUS B80	220		DN40	EVOB8040
EVOPLUS B100	220		DN40	EVOB10040
EVOPLUS B120	250		DN40	EVOB12040
EVOPLUS B150	250		DN40	EVOB15040
EVOPLUS B180	250		DN40	EVOB18040
EVOPLUS D40 - Double	220		DN40	EVOD4040
EVOPLUS D60 - Double	220		DN40	EVOD6040
EVOPLUS D80 - Double	220		DN40	EVOD8040
EVOPLUS D100 - Double	220		DN40	EVOD10040
EVOPLUS D120 - Double	250		DN40	EVOD12040
EVOPLUS D150 - Double	250		DN40	EVOD15040
EVOPLUS D180 - Double	250		DN40	EVOD18040



	length (mm)	Ø	flanged	code
EVOPLUS B40	240		DN50	EVOB4050
EVOPLUS B60	240		DN50	EVOB6050
EVOPLUS B80	240		DN50	EVOB8050
EVOPLUS B100	280		DN50	EVOB10050
EVOPLUS B120	280		DN50	EVOB12050
EVOPLUS B150	280		DN50	EVOB15050
EVOPLUS B180	280		DN50	EVOB18050
EVOPLUS D40 - Double	240		DN50	EVOD4050
EVOPLUS D60 - Double	240		DN50	EVOD6050
EVOPLUS D80 - Double	240		DN50	EVOD8050
EVOPLUS D100 - Double	280		DN50	EVOD10050
EVOPLUS D120 - Double	280		DN50	EVOD12050
EVOPLUS D150 - Double	280		DN50	EVOD15050
EVOPLUS D180 - Double	280		DN50	EVOD18050
EVOPLUS B40	340		DN65	EVOB4065
EVOPLUS B60	340		DN65	EVOB6065
EVOPLUS B80	340		DN65	EVOB8065
EVOPLUS B100	340		DN65	EVOB10065
EVOPLUS B120	340		DN65	EVOB12065
EVOPLUS B150	340		DN65	EVOB15065
EVOPLUS D40 - Double	340		DN65	EVOD4065
EVOPLUS D60 - Double	340		DN65	EVOD6065
EVOPLUS D80 - Double	340		DN65	EVOD8065
EVOPLUS D100 - Double	340		DN65	EVOD10065
EVOPLUS D120 - Double	340		DN65	EVOD12065
EVOPLUS D150 - Double	340		DN65	EVOD15065
EVOPLUS B40	340		DN80	EVOB4080
EVOPLUS B60	340		DN80	EVOB6080
EVOPLUS B80	340		DN80	EVOB8080
EVOPLUS B100	340		DN80	EVOB10080
EVOPLUS B120	340		DN80	EVOB12080
EVOPLUS D40 - Double	340		DN80	EVOD4080
EVOPLUS D60 - Double	340		DN80	EVOD6080
EVOPLUS D80 - Double	340		DN80	EVOD8080
EVOPLUS D100 - Double	340		DN80	EVOD10080
EVOPLUS D120 - Double	340		DN80	EVOD12080
EVOPLUS B40	450		DN100	EVOB40100
EVOPLUS B60	450		DN100	EVOB60100
EVOPLUS B80	450		DN100	EVOB80100
EVOPLUS B100	450		DN100	EVOB100100
EVOPLUS B120	450		DN100	EVOB120100
EVOPLUS D40 - Double	450		DN100	EVOD40100
EVOPLUS D60 - Double	450		DN100	EVOD60100
EVOPLUS D80 - Double	450		DN100	EVOD80100
EVOPLUS D100 - Double	450		DN100	EVOD100100
EVOPLUS D120 - Double	450		DN100	EVOD120100

Circulators for sanitary hot water

Brass body - Ball turbine rotor motor - Includes valve, check valve & 1/2" M union fittings - Max. pressure: 10 bar - Max. temperature: +95°C.



Standard

IP42 - 230V/50Hz - Max. 25 W.

With clock & thermostat +45/+65°C
 With clock, without thermostat
 Without clock, with thermostat +35/+90°C
 Without clock & thermostat

code
V152HT
V152H
V153TR
V152M

Body FF 1/2"

Without clock & thermostat

code
V152F

BLUEONE universal motors

Compatible with all circulators - 2,5 to 9 W.



Self-regulating
 With clock

code
ZMV155SL
ZMV155VZ



Very low consumption

IP44 - 115-230V/50/60Hz - 2,5 to 9 W.

Self-regulating
 With clock

code
V155SL
V155VZ

Body FF 1/2"

Without clock & thermostat

code
V155R

With thermostat +35/+75°C
 Without clock & thermostat

code
ZMV155ERT
ZMV155R

Acc. to the 2013 & 2015 European Directive ErP 2009/125/EC - Bronze body.



EVOTRON SAN 40
 EVOTRON SAN 60
 EVOTRON SAN 80

length (mm)	Ø	code
150	1"1/2	EVS40150
150	1"1/2	EVS60150
150	1"1/2	EVS80150

EVOPLUS SAN 40
 EVOPLUS SAN 60
 EVOPLUS SAN 80
 EVOPLUS SAN 110

length (mm)	Ø	code
180	1"1/2	EVS40180
180	1"1/2	EVS60180
180	1"1/2	EVS80180
180	1"1/2	EVS110180

Accessories for circulators

Thermostat check valves

Direct mounting on union connected circulator -
 Declutchable for drainage - Max. temperature: +130°C -
 Max. pressure: 10 bar - Opening pressure: 0,02 bar.



Ø	code
1"1/2	CT26
2"	CT33
1"	CTB026
1"1/4	CTB033
1"1/2	CTB040
2"	CTB050
65	CTB065
80	CTB080
100	CTB100

Union fittings (sold by 2)

Threaded

For threaded circulators Ø 1"1/2



	Ø	pack	code
Cast iron	3/4" F	24	ZRU20
Cast iron	1" F	24	ZRU26
Carbon steel	1"1/4 M	24	ZRU33M
Brass	1/2" F	50	ZRUL15
Brass	3/4" F	50	ZRUL20
Brass	1" F	50	ZRUL26

Welding

For threaded circulators Ø 1"1/2



	Ø	pack	code
Brass	22	50	ZRCU22
Brass	28	50	ZRCU28

For threaded circulators Ø 2"



	Ø	pack	code
Cast iron	1"1/4 F	24	ZRU33F

Ball valve free nut



Ø	code
1"1/2 - 1"F	ZVSC4026

Free nut check valve

Direct mounting on union connected circulator -
 Declutchable for drainage.



Ø	code
1"1/2 - 1"M	CATET

Oval DN25 flanges with bolts

(sold by set of 2)



Ø	pack	code
3/4" F	50	ZCB20
1" F	35	ZCB26
1"1/4 F	25	ZCB33

Threaded oval flanges with gaskets & bolts

(sold by set of 2)



Ø	code
1"1/2	ZBO40
2"	ZBO50

Adaptors with gaskets

(sold by set of 2)



Ø	code
1"1/2 - 2"	ZF4050

Closed tanks - SBR membrane

Carbon steel body - SBR membrane according to DIN 4807 - Test pressure: 6 bar - Working pressure: 4 bar, except 6 bar for 80 l - Working temperature: -10°C/+99°C - Max. temperature: +110°C - Max. glycol: 30%.



CE
CE

Standard

volume (l)	set pressure (bar)	connection	Ø (mm)	height (mm)	code
4	0,5	3/4" M	225	195	V004
8	0,5	3/4" M	220	295	V008
12	1	3/4" M	294	281	V012
18	1	3/4" M	290	400	V018
25	1	3/4" M	324	415	V025



CE

Standard

volume (l)	set pressure (bar)	connection	Ø (mm)	height (mm)	code
35	1,5	3/4" M	404	387	V035
50	1,5	3/4" M	404	507	V050



CE

Standard

volume (l)	set pressure (bar)	connection	Ø (mm)	height (mm)	code
80	2	3/4" M	450	608	V080
105	2	3/4" M	500	665	V105
150	2	3/4" M	500	897	V150
200	2,5	3/4" M	600	812	V200
250	2,5	3/4" M	630	957	V250
300	2,5	3/4" M	630	1105	V300
400	2,5	3/4" M	630	1450	V400
500	2,5	1" M	750	1340	V500
600	2,5	1" M	750	1555	V600
700	2,5	1" M	750	1755	V700
800	2,5	1" M	750	1855	V800
1000	1,5	1"1/2 M	850	2100	VMIL



Flat*

volume (l)	set pressure (bar)	connection	Ø (mm)	height (mm)	code
8	1	3/8" M	387	100	VC53108
10	1	3/4" M	387	110	VC53110
12	1	3/4" M	387	140	VC53112
18	1	3/4" M	387	200	VC53118

6	1	3/4" M	324	100	VC54106
8	1	3/4" M	324	129	VC54108
10	1	3/4" M	324	139	VC54110
12	1	3/4" M	324	170	VC54112

* Working pressure: 3 bar.



CE

Closed tanks - NBR membrane - 10 bar

Carbon steel body - Working pressure: 10 bar - Max. temperature: +90°C - Max. glycol: 30%.

volume (l)	set pressure (bar)	connection	Ø (mm)	height (mm)	code
80	2	1" M	450	830	VCE080
100	2	1" M	450	910	VCE100
200	2	1" 1/2 M	550	1235	VCE200
300	2	1" 1/2 M	630	1365	VCE300
500	2	1" 1/2 M	750	1560	VCE500



Open tanks

Use: for solid fuel (coal, biomass, ...) boilers.



Stainless steel

volume (l)	connection	length (mm)	width (mm)	height (mm)	code
22	1/2" F	500	290	155	VI22
30	1/2" F	500	290	215	VI30
50	1/2" F	500	350	300	VI50



Galvanised steel

volume (l)	connection	length (mm)	width (mm)	height (mm)	code
20	1" F	500	260	160	VGR020
30	1" F	500	380	150	VGR030
50	1" F	500	380	255	VGR050



Polypropylene

Standard (3 inserts)

volume (l)	connection	length (mm)	width (mm)	height (mm)	code
22	3/4" F	540	290	200	VP22
33	3/4" F	540	290	300	VP33
45	3/4" F	540	290	395	VP45

Universal (4 inserts)

volume (l)	connection	length (mm)	width (mm)	height (mm)	code
22	3/4"	540	290	225	VP22U

Tank accessories

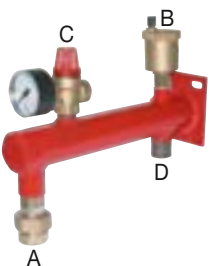


Equipped wall brackets (for tanks up to 25 l)

Includes:

- A. tank union fitting
- B. air vent 3/8" F
- C. safety valve 1/2"
- D. manometer
- E. heating circuit outlet 3/4" M

code
ZSMCI



Includes:

- A. tank union fitting
- B. air vent 3/8" F
- C. safety valve 1/2" with manometer
- D. heating circuit outlet 3/4" M

code
ZSMC



Quick union fitting (with built-in check valve)

code
RDV20MF



Pressure controller (0 to 4 bar)

code
ZCP

Wall brackets

(for tanks up to 25 l)

With manometer outlet



code
ZSMI

Without manometer outlet



code
ZSM

For solar heating



code
ZSMSO



Wall support

(for tanks up to 25 l)

code
SUPVAS



Square for tank (for tanks up to 25 l)

code
ZSEQ

Automatic air vents

■ Compact



Brass - Check valve not included.

Ø	pack	code
3/8" M	10	41013V
1/2" M	10	41014V

Check valve for air vents.



Ø	pack	code
3/8"	10	39903V
1/2"	10	39904V

■ Standard



Brass - Check valve not included.

Ø	pack	code
3/8" M	10	42003V
1/2" M	10	42004V

Check valve for air vents.



Ø	pack	code
3/8"	10	39903V
1/2"	10	39904V

■ Solar



Brass - Max. temperature: +180°C -
Shut-off valve not included.

Ø	pack	code
3/8" M	10	PRHT12V
1/2" M	10	PRHT15V

Shut-off valve



Brass - Max. temperature: +180°C.

Ø	code
3/8"	ZVS12HTV
1/2"	ZVS15HTV

■ Heavy duty



Cast iron - Max. pressure: 10 bar -
Max. temperature: +120°C - Max. glycol: 50%.

Ø	code
3/4"	PF20

Dirt separators

For domestic use

Carbon steel.



volume (l)	Ø	code
4	1"	PID05
10	1"1/4	PID07

For collective use

Carbon steel - Threaded male connections
for DN50, flanged PN16 above.



volume (l)	DN	code
80	50	PD050
100	65	PD065
130	80	PD080
200	100	PD100
300	125	PD125

Safety valves

■ Brass



pre-set (bar)	Ø	pack	code
1,5	1/2" FF	10	23100V
2	1/2" FF	10	23121V
2,5	1/2" FF	10	23120V
3	1/2" FF	10	23130V
4	1/2" FF	10	23140V
2,5	3/4" FF	10	23220V
3	3/4" FF	10	23230V
4	3/4" FF	10	23240V

pre-set (bar)	Ø	pack	code
3	1/2" MF	10	23030V

With manometer (mandatory packing: 10 pcs)

pre-set (bar)	Ø	pack	code
3	1/2" FF	10	23132V

Sanitary

pre-set (bar)	Ø	pack	code
6	1/2" FF	10	23160V
7	1/2" FF	10	23170V
8	1/2" FF	10	23180V
10	1/2" FF	10	23110V
6	3/4" FF	10	23260V
7	3/4" FF	10	23270V
8	3/4" FF	10	23280V
10	3/4" FF	10	23210V

■ Bronze

Max. temperature: +120°C.



pre-set (bar)	discharge capacity			code
	kW	kcal/h	Ø	
3	169	146 000	1/2" FF	S15G
3	269	232 000	3/4" FF	S20G3
4	337	290 000	3/4" FF	S20G4
5	400	344 000	3/4" FF	S20G5

3	503	433 000	1" FF	S26G3
4	627	540 000	1" FF	S26G4
5	748	643 000	1" FF	S26G5

3	656	565 000	1"1/4 FF	S33G3
4	822	707 000	1"1/4 FF	S33G4
3	813	700 000	1"1/2 FF	S40G3
4	1017	875 000	1"1/2 FF	S40G4
3	998	858 000	2" F - 2"1/2 F	S50G3
4	1227	1 056 000	2" F - 2"1/2 F	S50G4

Sanitary

pre-set (bar)	Ø	code
7	1/2" FF	S15GS07
10	1/2" FF	S15GS10
7	3/4" FF	S20GS07
10	3/4" FF	S20GS10

Sanitary

pre-set (bar)	Ø	code
7	1" FF	S26GS07
10	1" FF	S26GS10
7	1"1/4 FF	S33GS07
7	1"1/2 FF	S40GS07
7	2" FF	S50GS07

■ High temperature - Solar heating

Brass body - Max. temperature: +110°C.

pre-set (bar)	Ø	code
3	1/2" F-3/4" F	27030V
6	1/2" F-3/4" F	27060V



Funnel

Carbon steel	Ø	code
250 x 100 mm	2"	ZE50
400 x 100 mm	2"1/2	ZE65

Bronze body - Max. temperature: +160°C -
Max. power: 100 kW.

pre-set (bar)	Ø	code
6	3/4" FF	SHT20G6
10	3/4" FF	SHT20G10



Differential valve

Brass body - With free nuts - Max. temperature: +110°C - Max. pressure: 10 bar - Max. glycol: 30% -
Adjustable 0,1 to 0,6 bar differential.

Ø	code
3/4"	SDD



■ Dry - ABS plastic box

Ø 50 - Axial



pressure (bar)	Ø connection	code
0 - 4	1/4"	MA04
0 - 6	1/4"	413006TH
0 - 10	1/4"	MA10

Ø 50 - Radial



pressure (bar)	Ø connection	code
0 - 4	1/4"	MR04
0 - 6	1/4"	413106
0 - 10	1/4"	MR10

Ø 80 - Radial



pressure (bar)	Ø connection	code
0 - 4	1/2"	M80R04
0 - 10	1/2"	M80R10

Ø 63 - Axial



pressure (bar)	Ø connection	code
0 - 6	1/4"	M63A06
0 - 10	1/4"	M63A10

Ø 63 - Radial



pressure (bar)	Ø connection	code
0 - 6	1/4"	M63R06
0 - 10	1/4"	M63R10

Ø 100 - Radial



pressure (bar)	Ø connection	code
0 - 6	1/2"	M100R06
0 - 10	1/2"	M100R10

■ Glycerin filled - Stainless steel box

Brass connection - Max. temperature: +60°C - Class 1,6 - Polycarbonate glass.

Ø 50 - Axial



pressure (bar)	Ø connection	code
0 - 2,5	1/4"	413203
0 - 6	1/4"	413206
0 - 10	1/4"	MA10G
0 - 16	1/4"	413216

Ø 50 - Radial



pressure (bar)	Ø connection	code
0 - 2,5	1/4"	413303
0 - 6	1/4"	413306
0 - 10	1/4"	MR10G
0 - 16	1/4"	413316

Ø 63 - Axial



pressure (bar)	Ø connection	code
0 - 2,5	1/4"	413403
0 - 6	1/4"	413406
0 - 10	1/4"	413410
0 - 16	1/4"	413416
0 - 25	1/4"	413425

Ø 63 - Radial



pressure (bar)	Ø connection	code
0 - 2,5	1/4"	413503
0 - 6	1/4"	413506
0 - 10	1/4"	413510
0 - 16	1/4"	413516
0 - 25	1/4"	413525

■ Hydrometer

Ø 63 - Radial



pressure (mCe)	Ø connection	code
0 - 10	3/8"	H10
0 - 20	3/8"	H20

■ Thermomanometer

Ø 80

Temperature range: 0°C/+120°C - With socket for draining without dismantling.



pressure (bar)	Ø connection	code
0 - 4	1/2"	MTA
0 - 4	1/2"	MTR

Axial
Radial

■ Manometer holder valves



Ø	code
1/4"	ZRI08
3/8"	ZRI12
1/2"	ZRI15



Ø	code
1/4"	1306002
3/8"	1306003
1/2"	1306004

■ Push-button valve



Ø	code
1/4"	9880302
1/2"	9880304



■ Coil siphon

Ø	code
M1/4"-F1/4"	9880202
M1/2"-F1/2"	9880204



■ Bi-metal

With spring tie

For pipe up to 1".

Ø dial	temperature	pack	code
63	0°C/+120°C	50	TR



With copper tie

For pipe up to 1 1/2".

Ø dial	temperature	pack	code
63	0°C/+120°C	50	TB

With plunger



Ø dial	temperature	Ø connection	plunger length (mm)	pack	code
63	0°C/+120°C	1/2"	45	50	T063A
80	0°C/+120°C	1/2"	45	50	T080A
100	0°C/+120°C	1/2"	45	50	T100A



Ø dial	temperature	Ø connection	plunger length (mm)	pack	code
63	0°C/+120°C	1/2"	100	50	T063AL100
100	0°C/+120°C	1/2"	100	50	T100AL100
100	0°C/+120°C	1/2"	200	50	T100AL200



Ø dial	temperature	Ø connection	plunger length (mm)	pack	code
80	-30°C/+50°C	1/2"	100	50	T3050



Quick reactivity

Ø dial	temperature	Ø connection	plunger length (mm)	code
60	0°C/+100°C	3/8"	45	TRI



Gas & smoke

Ø dial	temperature	plunger length (mm)	code
80	0°C/+500°C	150	TGAZ

■ Boilers

Temperature range: 0°C/+130°C - Brass case - Ø 1/2".

Straight

height (mm)	Ø	plunger length (mm)	code
160	20	45	TV160D
260	25	60	TV260D



Angle

height (mm)	Ø	plunger length (mm)	code
160	20	45	TV160E
260	25	60	TV260E



■ Industry

Easy reading - Glass pipe filled with alcohol - Ø 1/2".

Plastic - Straight

Temperature range: 0°C/+120°C.

height (mm)	plunger length (mm)	code
150	63	TI150DP
200	63	TI200DP
200	100	TI200DL100P



Plastic - Angle

Temperature range: 0°C/+120°C.

height (mm)	plunger length (mm)	code
150	63	TI150EP
200	63	TI200EP
200	100	TI200EL100P



Temperature range: -30°C/+50°C.

height (mm)	plunger length (mm)	code
150	63	TI150D3050P
200	63	TI200D3050P
200	100	TI200DL1003050P

Temperature range: -30°C/+50°C.

height (mm)	plunger length (mm)	code
150	63	TI150E3050P
200	63	TI200E3050P
200	100	TI200EL1003050P

Brass - Straight

Temperature range: 0°C/+120°C.

height (mm)	plunger length (mm)	code
150	63	TI150D
200	63	TI200D
200	100	TI200DL100



Brass - Angle

Temperature range: 0°C/+120°C.

height (mm)	plunger length (mm)	code
150	63	TI150E
200	63	TI200E
200	100	TI200EL100



Temperature range: -30°C/+50°C.

height (mm)	plunger length (mm)	code
150	63	TI150D3050
200	63	TI200D3050
200	100	TI200DL1003050

Temperature range: -30°C/+50°C.

height (mm)	plunger length (mm)	code
150	63	TI150E3050
200	63	TI200E3050
200	100	TI200EL1003050

Accessories for thermometers

Tee
(for 63 mm plunger thermometer)

Ø	code
1"	130RT26
1"1/4"	130RT33
1"1/2"	130RT40
2"	130RT50



* Red handle
Blue handle
Blue handle

* with antithermo-siphon check valve

Valves with thermometer

inlet	outlet	code
1"1/2 free nut	1" M	VTR40
1" M	1"1/2 free nut	VTB40M
1" M	1" M	VTB26

Thermowells

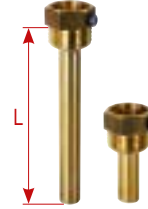
Copper tube with M 1/2" NPT brass fitting.

length (mm)	Ø int./Ø ext.	code
47	7 x 8	ZDG555001
47	10 x 11	ZDG555006
97	7 x 8	ZDG555002
97	10 x 11	ZDG555007
97	14,7 x 16	ZDG555034
117	10 x 11	ZDG555008
117	14,7 x 16	ZDG555035
147	10 x 11	ZDG555009
187	10 x 11	ZDG555010
197	7 x 8	ZDG555027
277	10 x 11	ZDG555011



Brass 1/2" with blocking screw.

length (mm)	Ø int./Ø ext.	code
45	9 x 11	ZDG15045
100	9 x 11	ZDG15100



Solid fuel boiler equipment

Draught regulator

Calorstat

Temperature range: +30°C/+90°C -
Double sight according to horizontal & vertical
position - 3/4" connection -
Lever 140 mm - Chain 1,2 m -
Lifting torque 10Nm.

code
R85



Draught stabilizers

Moderator (Georgin)

Ø	steel code	epoxy paint code
97 to 140	SB1	SB1N
140 to 200	SB2	SB2N
200 to 280	SB3	SB3N
280 to 344	SM4	-
400 to 448	SM5	-



Regulator

Cast aluminium.

Ø	code
111 to 139	SR1
139 to 180	SR2
180 to 220	SR3



Thermic valves

Thermovar

Ø	Kvs	opening temperature setting	code
1"	9	45°C	T2645
1"1/4"	12	45°C	T3345
1"	9	61°C	T2661
1"1/4"	12	61°C	T3361
1"	9	72°C	T2672
1"1/4"	12	72°C	T3372



Thermobac

Check valve to be added to Thermovar in some installations.

Ø	code
1"	CTB26
1"1/4"	CTB33



Thermovar set

For max. 65 Kw boilers -
Max. temperature: +110°C - Supplied with insulation.

Ø	opening temperature setting	code
1"1/4"	61°C	TC61L
1"1/4"	72°C	TC72L



Pump actuator

code
ZMCTC-2



Mixing valves

Max. temperature: +110°C - Max. pressure: 10 bar - Rotation 90° - Brass stem - Tightness with 2 EPDM o-rings - Can be equipped with any electric actuator - Brass: recommended for heating floor & installations with plastic & multilayer pipes - Excluded from 2014/68/EU Directive (art. 4, §3).

Threaded



Cast iron

Ø	3 way					4 way				
	3/4"	1"	1"1/4"	1"1/2"	2"	3/4"	1"	1"1/4"	1"1/2"	2"
kvs	13	17	24	31	41	13	17	24	31	41
code	V3V20	V3V26	V3V33	V3V40	V3V50	V4V20	V4V26	V4V33	V4V40	V4V50



Brass female

Ø	3 way						4 way					
	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"	1/2"	3/4"	1"	1"1/4"	1"1/2"	2"
kvs	2,5	6,3	8	15	24	40	2,5	6,3	8	15	24	40
code	VC3V15	VC3V20	VC3V26	VC3V33	VC3V40	VC3V50	VC4V15	VC4V20	VC4V26	VC4V33	VC4V40	VC4V50



Brass male

Ø	3 way			4 way		
	3/4"	1"	1"1/4"	3/4"	1"	1"1/4"
kvs	2,5	6,3	8	2,5	6,3	8
code	VC3V20M	VC3V26M	VC3V33M	VC4V20M	VC4V26M	VC4V33M

Threaded - For solar, solid fuel boiler & heat pump

The valve gives priority to the cheapest energy before switching gradually to the most expensive one - May be equipped with SME actuators & Automix regulation - To be installed with a mixing water tank.



Brass female

Ø	4 way				
	3/4"	3/4"	1"	1"	1"1/4"
kvs	4	6,3	6,3	10	10
code	VMB2004	VMB2006	VMB2606	VMB2610	VMB3310M

* male

Insulation for mixing valves



For F1/2", F3/4", M3/4" & M1"
For F1", F1"1/4" & M1"

code	CIS187107
code	CIS187108

Electric actuators for threaded mixing valves

3 positions - Direct mounting on Thermador mixing valves - IP40.

230 V / 50 Hz

SME 130

5 Nm - Complete opening: 140 s - 1,5 m wire.

SME 20S with auxiliary contact

10 Nm - Complete opening: 140 s - 1,5 m wire.

SME 23 for thermostat regulation

10 Nm - Complete opening: 670 s - 1,5 m wire.

SME 96L

15 Nm - Complete opening: 280 s.

code	SME130
code	SME20S
code	SME23
code	SME96L

24 V

SME 24

SME 212 with connection for Automix 30 regulator (to be used with Automix 30 only) - 5 Nm - Complete opening: 140 s - 1,5 m wire.

SME 140 signal 0-10V

code	SME24
code	SME212
code	SME140V



Mounting set

For:

Esbe/Danfoss
Centra (DR & ZR)
Oventrop/Meibes/Wita
VCI/VBG31/VBF21



code	MSNRE6
code	MSNRC
code	MSNRO
code	MSNRL



■ Flanged PN6



Cast iron

	3 way					
Ø	50	65	80	100	125	150
kvs	65	100	185	310	510	820
code	VB3V050	VB3V065	VB3V080	VB3V100	VB3V125	VB3V150

	4 way					
Ø	50	65	80	100	125	150
kvs	65	100	185	310	510	820
code	VB4V050	VB4V065	VB4V080	VB4V100	VB4V125	VB4V150

Set of flanges PN6 with gaskets and bolts

Ø	50	65	80	100	125	150
code	ZCBP050	ZCBP065	ZCBP080	ZCBP100	ZCBP125	ZCBP150

■ Electric actuator for flanged mixing valves



Opening/closing: 120s - 230V-50Hz -
Max. torque: 20Nm - IP44.

code
SMEB

■ Regulation devices

Based on outdoor temperature - Includes: regulator, mounting accessories, power adaptor, room probe with radio receiver, external probe (15m wire), starting probe & antenna.

RA130

code
RA130

Option

Circulator command

code
ZKCRA130



Based on outdoor temperature - To be used with threaded mixing valves only - Includes: regulator, water probe, external probe (20 m), power supply, actuator, connectors & mounting pad.

Automix 10

Built-in regulating functions

code
RA10

Options

Room thermostat
Remote control

code
ZK10RB
ZK10RC



Based on indoor temperature - Radio transmission between transmitter & actuated mixing valve - Night & vacation energy saving - Includes: regulator, radio receiver, power supply, actuator & water probe.

Automix 20

code
RA20



Based on outdoor temperature - 2 circuits - Digital programmer - Includes: regulator, water probe, external probe (20m), power supply, actuator, connectors & antenna.

Automix 40

code
RA40



Options

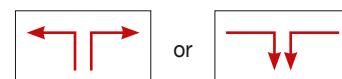
Room probe - 1st circuit
Actuator & starting probe - 2nd circuit
Room probe - 2nd circuit

code
ZSARA40
ZK2CRA40
ZSA2RA40

■ Diverting valves

3 way valve - 3 thread 230V actuator, with 60° rotating cycles - Position indicator on the actuator - Operating time: 8 s. - Temperature: 0°C/+90°C - Max. pressure: 10 bar - IP40 - Max. glycol: 50% - Supplied with quick connector & 1 m wire.

Ø	Kv	Δps (bar)	code
1" M	7,5	1	VDB3V26M



3 way valve, normally closed, spring return - 2 thread 230V actuator - Opening time: 18 s - Closing time: 5 s. - Temperature: +2°C/+93°C - Max. pressure: 21 bar - IP20 - Max. glycol: 50%.

Ø	Kv	Δps (bar)	code
1" F	6,9	1,3	VDL3V26



NEW

NEW

■ Standard mechanical



Shut-off 16 (2,5) A 250V - IP20.

Basic
With season change switch

code
TA2
TA2EH

■ Programmable



Heating & cooling - 1/2 hour period setting -
Shut-off 5A (1A) - IP20.

Wire battery
 mains

Radio transmission battery
 mains

code
TAFB
TAFS
TARB
TARS

■ Standard digital



Temperature setting: -5°C/+30°C -
ON/OFF regulation -
Shut-off 5 (2) A - IP30.

Wire battery
Radio transmission battery

code
TASF
TASOR

■ Programmable +



Temperature setting: -5°C/+30°C - 3 modifiable
comfort ranges / day, weekly programming -
Boost mode for comfort setting during 1 h -
Shut-off 5 (2) A - IP30.

Wire battery
Radio transmission battery

code
TAPF
TAPOR

■ In tight container



Changeover contact 16 (2,5) A 250V - $\Delta t 2^\circ \pm 1^\circ K$ -
IP54.

Temperature setting: -5°C/+35°C

code
TAE2



Changeover contact 16 (2,5) A 250V - $\Delta t 3^\circ \pm 1^\circ K$.

Temperature setting: 0/+60°C -
Probe $\varnothing 6 \times 119$ mm -
Capillary 0,90 m - IP54.

code
TAC32

Temperature setting: -35°C/+35°C -
Probe $\varnothing 6 \times 140$ mm -
Capillary 1 m - IP55.

code
TAC33

Aquastats

■ With spring



Manual reset - Pre-set +60°C -
Temperature setting: -40°C/+70°C -
Changeover contact 10 (2,5) A 250V - IP40.

Aquanorm

code
AARM



Temperature setting: -20°C/+90°C - $\Delta t 8^\circ \pm 2^\circ K$ - IP20.

Standard external setting

Changeover contact 16 (2,5) A 250V.

code
AAR

Setting under protection housing

Dry contact 16 (2,5) A 250V.

code
AARC

■ With plunger



Temperature setting: 0/+90°C - $\Delta t 6^\circ \pm 2^\circ K$ -
1/2" fitting - Changeover contact 10 (2,5) A 250V -
IP40.

Sensor 100 mm
Sensor 200 mm

code
ATC2
ATC21



Aquastat & safety limiter

1/2" fitting - Sensor 100 mm - IP40.
Aquastat: temperature setting 0/+90°C - $\Delta t 4^\circ \pm 1^\circ K$ -
Changeover contact 10 (2,5) A 250V -
Safety limiter: temperature setting
+90°C/+110°C - Pre-set +110°C -
Contact 10 (2,5) A 250V.

code
ATLSC

■ Remote sensors

Control

temperature setting	capillary length (mm)	sensor	code
0°C/+90°C	1500	$\varnothing 6,5$ - L95	TH549074
-30°C/+90°C	1500	$\varnothing 6,5$ - L95	TH549170
0°C/+40°C	1000	$\varnothing 6,5$ - L95	TH549177
0°C/+310°C	1500	$\varnothing 3$ - L195	TH549178

Safety

Manual resetting - Pre-set 110°.

temperature setting	capillary length (mm)	sensor	code
-90°C/+110°C	1500	$\varnothing 6,5$ - L95	TH542286

With adjustment stop

temperature setting	capillary length (mm)	sensor	code
0°C/+90°C	1500	$\varnothing 6,5$ - L95	TH540359



Expansion tanks

Solar expansion tank - White



Preset pressure: 2,5 bar -
 Max. working pressure: 10 bar -
 TS: -10°C/+99°C (temporarily: +110°C) -
 Butyl membrane - Connection M 3/4"
 up to 50 l, 1" M above - Max. glycol: 50%.



* except 12 l

Volume (l)	code
12	V012S
18	V018S
24	V024S
35**	V035S
80**	V080S
105**	V105S
150**	V150S
200**	V200S
250**	V250S
300**	V300S

** on base

Solar expansion tank - Red VAREM

Preset pressure: 2,5 bar - Max. working pressure: 6 bar - Testing pressure: 9,6 bar -
 TS: -10°C/+110°C - Nitrile membrane - Connection M 3/4".



Volume (l)	code
18	V718
25	V725
40	V740
60	V760

Circulators

Solar circulators

Insulation class: F - According to European Directive ErP 2009/125/EC.



EVOTRON SOL 40

length (mm)	Ø	code
130	1"1/2	EV40130SOL
180	1"1/2	EV40180SOL
130	1"	EV4013026SOL

EVOTRON SOL 60

length (mm)	Ø	code
180	1"1/2	EV60180SOL
130	1"	EV6013026SOL
180	1"1/2	EV80180SOL
130	1"	EV8013026SOL

EVOTRON SOL 80



Accessories

Flowmeter

3 valves (fill-in, draining and flow-regulation) -
 Max. temperature: +110°C - Connexion 1".



code
ZDEBIT

Antithermo-siphon check valve

Declutchable - Max. temperature: +110°C -
 Connexion free nut 1" and Male 3/4".



code
ZCLAD

Solar controller

Easy installing & easy use - Supplied with 3 probes (1 sensor probe 1.5 m, 2 sensor probes 2.5 m, 4th optional) -
 3 mechanical relay outlets - 4 probe fittings - Class 2 - IP20 - Dimensions 110x155x45 - Screen 84x45 -
 Rail DIN mounting 3 access levels: user, professional settings, wiring - 13 combinations: ecological, economical &
 vacation modes - Built-in clock: boost or programmable mode; anti-bacterial, temperature & anti-frost protections.



Complete controller

code
RS13

Sensor probe

Tank probe

Thermowell 1/2"

Thermowell 3/4"

code
SRSC
SRSB
DGRS15
DGRS20

Solar panel connections, see page 153



Mixing valves, see page 172





Mixing water tanks for heat pumps

Reversible insulated tank (to be installed between the heat pump and the boiler, at any side) - Supplied with 4 caps up to 50 l - Carbon steel body - Expanded polyurethane insulation - Threaded connections.



■ Wall mounting

2 x 2 connections

volume (l)	height (mm)	Ø (mm)	center distance connection (mm)	Ø connections	ErP class	code
8	382	254	126	1"	B	BMEL08SK
12	526	254	270	1"	B	BMEL12SKE
25	788	290	450	1 1/4"	C	BMEL25SKE
50	1000	343	600	1 1/4"	C	BMEL50SKE

2 x 4 connections

volume (l)	height (mm)	Ø (mm)	center distance connection (mm)	Ø connections	ErP class	code
12	526	254	90	1"	B	BMEL12SK
25	788	290	150	1 1/4"	C	BMEL25SK
50	1000	343	200	1 1/4"	C	BMEL50SK
100	870	450	175	1 1/4"	C	BMEL100SKM

■ Ground standing

2 x 4 connections

volume (l)	height (mm)	Ø (mm)	center distance connection (mm)	Ø connections	ErP class	code
100	954	175	126	1 1/4"	C	BMEL100SK
200	1438	330	270	1 1/4"	C	BMEL200SK
300	1515	275/300	450	1 1/4"	C	BMEL300SK
500	1816	350/380/350	600	2"	C	BMEL500SK

Hydraulic insulation

Carbon steel body - 3/8"F for automatic air vent - 3/8"F for draining valve - 1"F connections.

volume (l)	code
2	BDH026F



Injection tank

For heating and air conditioning: anti-frost and glycol filling - 3/4" & 1" MM connections - Supplied with funnel.

volume (l)	Ø	code
12	3/4" M - 1" M	BI12J
25	3/4" M - 1" M	BI25J

Resistors & heating water heaters



Resistors

Incoloy thermoplungers - 1 1/2" connection - For 100 to 500 l tanks - Control & safety thermostats (manual reset) - 2 m wire - IP65 - ⚠️ **Not suitable for glycol.**

Thermostats 230V +30/+70°C, safety +90°C.

power (kW)	max. power (W/cm²)	plunger length (mm)	code
2	9,1	320	RES2000TM
3	13,5	320	RES3000TM
6	12,6	380	RES6000TM

Thermostats 3~400V +30/+75°C, safety +98°C.

power (kW)	max. power (W/cm²)	plunger length (mm)	code
2	10,1	229	RES2000TT
3	13,1	314	RES3000TT
4	11,4	399	RES4000TT
5	10,6	400	RES5000TT
6	15,3	400	RES6000TT
9	11,2	690	RES9000TT

Heating & sanitary water heaters

Stainless steel 304 body - Insulated body - Stainless steel 316L resistors - Horizontal mounting - Armaflex insulation - 1" M connections - Control & safety thermostats (manual reset) - Wall support - 2 m wire - IP55 - ⚠️ **Not suitable for glycol.**

Thermostats 230V, +30/+75°C, safety +98°C.

power (kW)	max. power (W/cm²)	code
3	13,5	RB03000M
6	14,7	RB06000M

Thermostats 3~400V, +30/+75°C, safety +98°C.

power (kW)	max. power (W/cm²)	code
3 x 1	13,1	RB03000T
3 x 2	14,7	RB06000T
3 x 3	-	RB09000T



NEW





Heating or cold water storage tanks

Indoor or outdoor installation - Carbon steel coated body - Rigid polyurethane foam insulation with low heat loss - White galvanized metal sheath - 1"1/2 outlet for additional electric resistor - Max. pressure 10 bar - Temperature range -10°C/+90°C. ErP C class.



capacity (l)	code
200	BREV0200HE
300	BREV0300HE
500	BREV0500HE
800	BREV0800HE

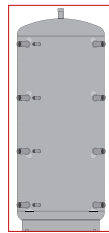
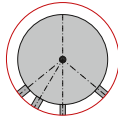
capacity (l)	code
1000*	BREV1000HE
1500*	BREV1500HE
2000*	BREV2000HE

* please consult for specific freight charges

Storage & exchanger tanks

Heating water storage tanks

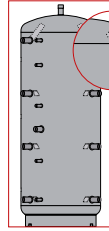
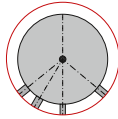
For discontinuous heating boilers (such as wood boilers) - Carbon steel body - 50 mm injected foam or 100 mm soft polyester insulation, white plastic coated - 1"1/2 outlet for additional electric resistor for PLUS range - Storage: max. pressure 3 bar, max. temperature +99°C - Exchanger: max. pressure 12 bar, max. temperature +110°C - ErP E class (except 500 l: C class).



STANDARD without exchanger

capacity (l)	code
500	B0500HE
800	B0800HE
1000*	B1000HE

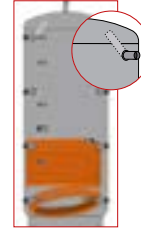
* please consult for specific freight charges



PLUS without exchanger

capacity (l)	code
500	BS0500VHE
800	BS0800VHE
1000*	BS1000VHE
1500*	BS1500VHE
2000*	BS2000VHE

* please consult for specific freight charges



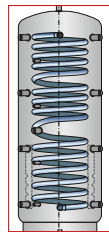
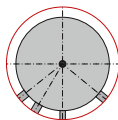
PLUS with carbon steel pipe exchanger

capacity (l)	code
500	BS0500SEHE
800	BS0800SEHE
1000*	BS1000SEHE
1500*	BS1500SEHE

* please consult for specific freight charges

Heating water storage & sanitary hot water production tanks

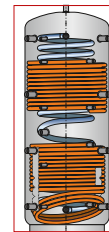
Up to 3 different heating sources, with an additional electric supply - Used for solid fuel boilers, biomass & solar heating system - Carbon steel body & exchanger - Stainless steel 316L pipe for instant sanitary hot water production - 50 mm injected foam or 100 mm soft polyester insulation - Grey PVC sheath - 1"1/2 outlet for additional electric resistor - Storage: max. pressure 3 bar, max. temperature +99°C - Stainless steel exchanger: max. pressure 6 bar - Carbon steel exchanger: max. pressure 12 bar, max. temperature +110°C - ErP C class.



Without exchanger

capacity (l)	code
570	BSES0600HE
800	BSES0800HE
1000*	BSES1000HE
1500*	BSES1500HE
2000*	BSES2000HE

* please consult for specific freight charges



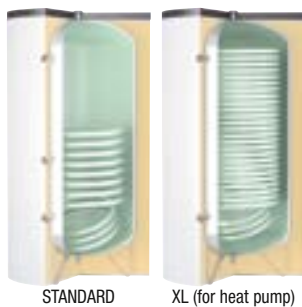
With 2 carbon steel pipe exchangers

capacity (l)	code
570	BSE0600HE
800	BSE0800HE
1000*	BSE1000HE
1500*	BSE1500HE
2000*	BSE2000HE

* please consult for specific freight charges

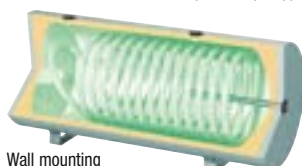
Sanitary hot water tanks

Polywarm® carbon steel coated body & coil - 50 mm thickness polyurethane insulation up to 500 l, 100% recyclable polyester fiber insulation above - White PVC sheath - Cathodic protection: magnesium anode - 1"1/2 outlet for additional electric resistor - 1/2" outlet for probe or thermometer - STANDARD & XL: storage max. pressure 10 bar & max. temperature +90°C; exchanger max. pressure 12 bar & max. temperature +110°C - Wall mounting: storage max. pressure 6 bar & max. temperature +90°C; exchanger max. pressure 12 bar & max. temperature +110°C. ErP C class.



STANDARD

XL (for heat pump)



Wall mounting
1"1/4 outlet for electric resistor

capacity (l)	STANDARD code	XL code	Wall mounting code
80	-	-	BECS0080MHE
100	-	-	BECS0100MHE
150	-	-	BECS0150MHE
200	BECS0200HE	BECS02XLHE	BECS0200MHE
300	BECS0300HE	BECS03XLHE	BECS0300MHE
500	BECS0500HE	BECS05XLHE	-
800	BECS0800HE	-	-
1000*	BECS1000HE	-	-
1500*	BECS1500HE	-	-

* please consult for specific freight charges

NEW

Fan coil units

Thick housing with RAL 9002 white epoxy painting - Long lasting copper battery, 24 bar & 120°C tested - 6 speed (3 connected) motorised fan, 230V AC, silent bloc with self-lubricating bearings, IP42 & thermal built-in protection - Static & dynamic balanced turbine - Easy maintenance EU-G3-M1 air filter - Under battery condensate container - ABS airing grid - Hot water 70/60°C, cold water 7/12°C.

Vertical with underneath intake

max. air flow (m³/h)	hot max. power (kW)	cold max. power (kW/h)	standard	with built-in thermostat
			code	code
370	3,74	1,50	VCVA013	VCVAR013
400	4,91	2,00	VCVA023	VCVAR023
500	5,98	2,53	VCVA033	VCVAR033
550	6,71	3,02	VCVA043	VCVAR043
670	8,16	3,75	VCVA053	VCVAR053
720	9,44	4,25	VCVA063	VCVAR063
1 000	12,00	5,52	VCVA073	VCVAR073
1 050	13,30	6,42	VCVA083	VCVAR083
1 280	15,50	7,53	VCVA093	VCVAR093
1 500	19,79	9,82	VCVA103	VCVAR103
1 910	21,10	9,60	VCVA113	VCVAR113
1 940	23,20	10,71	VCVA123	VCVAR123

Vertical with front side intake

max. air flow (m³/h)	hot max. power (kW)	cold max. power (kW/h)	standard	with built-in thermostat
			code	code
370	3,74	1,50	VCVB013	VCVBR013
400	4,91	2,00	VCVB023	VCVBR023
500	5,98	2,53	VCVB033	VCVBR033
550	6,71	3,02	VCVB043	VCVBR043
670	8,16	3,75	VCVB053	VCVBR053
720	9,44	4,25	VCVB063	VCVBR063
1 000	12,00	5,52	VCVB073	VCVBR073
1 050	13,30	6,42	VCVB083	VCVBR083
1 280	15,50	7,53	VCVB093	VCVBR093
1 500	19,79	9,82	VCVB103	VCVBR103
1 910	21,10	9,60	VCVB113	VCVBR113
1 940	23,20	10,71	VCVB123	VCVBR123

Horizontal

max. air flow (m³/h)	hot max. power (kW)	cold max. power (kW/h)	back side intake	underneath intake
			code	code
370	3,74	1,50	VCHA013	VCHB013
400	4,91	2,00	VCHA023	VCHB023
500	5,98	2,53	VCHA033	VCHB033
550	6,71	3,02	VCHA043	VCHB043
670	8,16	3,75	VCHA053	VCHB053
720	9,44	4,25	VCHA063	VCHB063
1 000	12,00	5,52	VCHA073	VCHB073
1 050	13,30	6,42	VCHA083	VCHB083
1 280	15,50	7,53	VCHA093	VCHB093
1 500	19,79	9,82	VCHA103	VCHB103
1 910	21,10	9,60	VCHA113	VCHB113
1 940	23,20	10,71	VCHA123	VCHB123

Uncased

max. air flow (m³/h)	hot max. power (kW)	cold max. power (kW/h)	vertical	horizontal
			code	code
370	3,74	1,50	VNVA013	VNHA013
400	4,91	2,00	VNVA023	VNHA023
500	5,98	2,53	VNVA033	VNHA033
550	6,71	3,02	VNVA043	VNHA043
670	8,16	3,75	VNVA053	VNHA053
720	9,44	4,25	VNVA063	VNHA063
1 000	12,00	5,52	VNVA073	VNHA073
1 050	13,30	6,42	VNVA083	VNHA083
1 280	15,50	7,53	VNVA093	VNHA093
1 500	19,79	9,82	VNVA103	VNHA103
1 910	21,10	9,60	VNVA113	VNHA113
1 940	23,20	10,71	VNVA123	VNHA123



NEW

Accessories for fan coil units

Electronic remote control
For without built-in thermostat types



code
CADVC

Remote control room probe
To be combined with remote control



code
SAVC



3/4" 3 way valve set

code
KV3VC

Digital remote control
For without built-in thermostat types



code
TAE

Control interface for 4 fan coil units
To be combined with remote control



code
R4VC



Under valves & pipes condensate container
For vertical types

code
BCVC

Feet
For vertical with underneath intake types



code
PIEDSVC

NEW

Mobile heating units

Electric

Includes wire, adjustable thermostat, fan & overheat thermal protection - 230V AC.



heating power (W)	air flow (m³/h)	surface (m²)	code
2 000	171	25	AME02C
3 000	305	30	AME03
3 000	550	40	AME03T

Gas (butane or propane)

Includes pipe, overheat thermal protection, gas shut-off safety, flexible hose & gas pressure regulator - Gas cylinder: not supplied - 230V AC.



heating power (W)	air flow (m³/h)	surface (m²)	code
15 000	320	150	AMG15
30 000	650	300	AMG30

Gas oil

Includes pipe, adjustable thermostat, overheat thermal protection, automatic shut-off safety, galvanised carbon steel tank & wheels - 230V AC.



heating power (W)	air flow (m³/h)	surface (m²)	code
30 000	850	300	AMF30

Hot water air heater - ProH₂O



Compact - Water coil (tested 30 bar) - Motorised fan IP54 with gland pack - Wall or suspended installation - Right side water connection - 230V AC - 1 speed fan - Galvanised steel housing - Supply grid with carbon steel adjustable blades - Copper heat exchanger with aluminium blades.



Other types on request

type	sound pressure (Lp dB(A) at 5m)	power consumption (W)	current consumption (A)	dimension (mm)	code
AW22	35	1 x 90	1 x 0,42	L 520 x H 440 x l 350	AW22
AW23	36	1 x 95	1 x 0,44	L 520 x H 440 x l 350	AW23
AW32	38	1 x 140	1 x 0,65	L 620 x H 540 x l 350	AW32

type	water regime +90/+70°C			water regime +70/+60°C			water regime +50/+45°C		
	power (kW)	air temperature (°C)	water flow (l/h)	power (kW)	air temperature (°C)	water flow (l/h)	power (kW)	air temperature (°C)	water flow (l/h)
AW22	16,3	42	702	12,6	36	1 080	8,2	29	1 404
AW23	20,9	52	898	16,1	43	1 381	10,5	34	1 796
AW32	26,7	44	1 146	20,5	37	1 763	13,3	30	2 292

Power & air temperature are given for a 15°C recovery temperature.

Suspended support set



code
KS



Dual deflection grid

For AW22 & AW23 types
For AW32 type

code
GDD2
GDD3

Wall support set



For AW22 & AW23 types
For AW32 type

code
KMF2
KMF36



Venturi jet grid

For AW22 & AW23 types
For AW32 type

code
GJV2
GJV3

Vertical metal beam support set



code
KPM234



Weekly programmable thermostat

code
TAP

Control panel



1 zone
1 zone, programmable

code
BCTAW900
BCPAW900



Monophased 20A proximity switch

code
IPM

Streamlined destratification fan with thermostat - DS



Ridge heat recovery - Dual deflection supply grid - De-stratification built-in thermostat, adjustable 0 to +40°C - Compact - Ceiling installation with 4 chains, horizontal position, at 2/3 building height - Galvanised steel - IP55 electrical connection - Direct coupling motor fan with aluminium blades.



Other types on request

type	flow (m ³ /h)	installation height (m)	sound pressure (Lp dB(A) at 5m)	power consumption (W / A)	dimension (mm)	code
DS4000	3 600	4 to 7	42	165 / 0,8	H 500 x L 500 x l 270	DS4000
DS6000	5 500	5 to 8	41	100 / 0,46	H 550 x L 550 x l 380	DS6000
DS8000	7 200	5 to 9	44	184 / 1,6	H 600 x L 600 x l 380	DS8000

Speed variator



For DS4000 & DS6000 types
For DS8000 type

code
SX
SX550



Monophased 20A proximity switch

code
IPM

Air curtains on request





Other types on request

Commercial use air fan - Minimax

Commercial use fan - Air outlet aligned with air inlet - Proximity switch in series - Compact - 2 operating speeds - Extraction or insufflation - Indoor or outdoor all position installation - Wall or ceiling installation, without additional accessories - Low noise - Galvanised steel, 10/10 thickness - Removable rain-protection cover - Direct coupling motor with built-in thermal protection - Low consumption on request.



flow (m³/h)	available pressure (Pa)	power consumption (W)	outlet/inlet (mm)	dimension (mm)	code
200	235	39	125	L 390 x l 200 x H 350	CM125
* 200	235	39	125	L 390 x l 200 x H 350	CMISO125
270	300	52	160	L 390 x l 200 x H 350	CM160
* 270	300	52	160	L 390 x l 200 x H 350	CMISO160
540	350	155	200	L 350 x l 295 x H 400	CM200
* 540	350	155	200	L 350 x l 295 x H 400	CMISO200
1 000	500	155	250	L 470 x l 335 x H 450	CM250
* 1 000	500	155	250	L 470 x l 360 x H 450	CMISO250

* 25 mm mineral wool insulation.

Dual flow high efficiency air fan - Neotime

Compact for ceiling easy installation (includes supports) - Indoor installation - 230 V AC - Carbon steel housing - High density 25 mm mineral wool insulation - Electrical housing with connection and control - Proximity switch - Inclined condensate tank - All or nothing bypass (summer/winter use with thermostat) - Inlet and outlet air strainers - Direct driven EC motors with thermal protection - Programmable built-in timers for 2 flow use - Flow control switch on each fan.



Other types on request

flow (m³/h)	available pressure (Pa)	power consumption (W)	outlet/inlet (mm)	dimension (mm)	code
600	1 000	2 x 169	250	L 1700 x l 780 x H 330	CN0600
900	700	2 x 220	315	L 2020 x l 965 x H 415	CN0900
1 300	400	2 x 400	355	L 2195 x l 1220 x H 415	CN1300
1 800	400	2 x 400	400	L 2275 x l 1220 x H 495	CN1800
2 500	380	2 x 400	400	L 2395 x l 1740 x H 495	CN2500

Accessories for air fan

Electronically variable speed controller



code
SXSF1

Differential pressostat (non mounted)



code
AMDD



Soft cuff

mm	code
125	MS125
160	MS160
200	MS200
250	MS250
315	MS315
355	MS355
400	MS400

3 position speed selector



code
SCSF2

Aluminium ducts

Soft & sleek



Ø	code
100	CAS10010
125	CAS12510
150	CAS15010
160	CAS16010
200	CAS20010

Compact flexible & sleek



Ø	code
100	CAF10003
125	CAF12503
150	CAF15003
160	CAF16003
200	CAF20003



Soft & insulated

Ø	code
100	CASLV2510010
125	CASLV2512510
150	CASLV2515010
160	CASLV2516010
200	CASLV2520010
250	CASLV2525010
305	CASLV2531510
100	CASLV5010005
125	CASLV5012505
150	CASLV5015005
160	CASLV5016005
200	CASLV5020005

5 m length
50 mm insulation

Accessories for soft PE+ & aluminium ducts



Mandatory packing 10 pcs



Monothread gear clamp

Ø	code
80	STM080
100	STM100
125	STM125
150	STM150
160	STM160
200	STM200
250	STM250
315	STM315



Reduction male/female (scoring fitting)

Ø	code
100-80	RMF10080
125-100	RMF125100
125-100-80	RMF12580
150-125	RMF150125
160-125	RMF160125
200-160	RMF200160



Coupling sleeve

Ø	code
80	M080
100	M100
125	M125
150	M150
160	M160
200	M200

Mandatory packing 100 pcs



Nylon gear clamp

Ø	code
80-125	STN080125
125-160	STN125160



Metal roof outlet cap

Ø	code
125	CTTM125
160	CTTM160
200	CTTM200
250	CTTM250
315	CTTM315
355	CTTM355
400	CTTM400



Coupling sleeve w/ gasket

Ø	code
250	MMGJ250
315	MMGJ315



Reinforced adhesive tape

code	
50 m x 50 mm	BANR50



Aluminium adhesive tape

code	
50 m x 50 mm	BAN50

High density PE ducts

For dual flow ventilation - Semi-rigid PEHD duct - Gaskets connection (no adhesive tape nor putty) - Antibacterial & antistatic - Socket mounting - Max. pressure: 2500 Pa - Temperature range: -25°C/+60°C.

Duct

Ø	code
75	CPH07520
90	CPH09020
75	CPH07550
90	CPH09050

Length 20 m
Length 50 m



Rigid elbow 90°

Ø	code
75	COUPH075
90	COUPH090



Elbow double adaptor (for Ø 125 air extract unit)

Ø	code
2 x Ø75 & Ø125	ACDPH075125
2 x Ø90 & Ø125	ACDPH090125



"Clip" mounting flange

Ø	code
75	FIXPH075



Nipple

Ø	code
75	MPH075
90	MPH090



Gasket

Ø	code
75	J075
90	J090



Connection for plenum

Ø	code
75	PF075
90	PF090



Distribution plenum chamber

code	
1 inlet Ø160 & 5 outlets Ø75 or 90	P05090
1 inlet Ø160 & 10 outlets Ø75 or 90	P10090



Cap

Ø	code
75	BCPH075
90	BCPH090

Network accessories

Manually adjustable air extract units



Plastic air extract & air intake

Ø	code
80	BRP080
100	BRP100
125	BRP125
160	BRP160
200	BRP200



Metal air extract & air intake

Ø	code
100	BRM100
125	BRM125
160	BRM160
200	BRM200



Stainless steel air extract & air intake

Ø	code
100	BTRX100
125	BTRX125
160	BTRX160
200	BTRX200



Plastic air extract & air intake

Ø	code
80	BR080
125	BR125



Metal air intake

Ø	code
100	BTRI100
125	BTRI125
160	BTRI160
200	BTRI200



Metal socket

Ø	code
100	MTG100100
125	MTG125100
160	MTG160100
200	MTG200100

■ Ceiling diffuser



Aluminium circular

(w/ adjustable ABS central cone)

Ø	ext. dimension (mm)	flow (m³/h)	code
160	288	200-600	BTOR160
200	370	200-900	BTOR200
250	461	300-1200	BTOR250



■ Wall deflection grid

Dual deflection

dimension mm	flow (m³/h)	code
300 x 100	60-360	GSDABLC3010
400 x 100	100-500	GSDABLC4010
300 x 150	120-620	GSDABLC3015
400 x 150	160-860	GSDABLC4015
400 x 200	220-1220	GSDABLC4020

■ Plenum



ABS w/ rear outlet & adjustable flow (for deflection grid)

dimension mm	Ø (mm)	code
300 x 100 x 110	160-200	PGPA3010
400 x 100 x 110	160-200	PGPA4010
300 x 150 x 110	160-200	PGPA3015
400 x 150 x 110	160-200-250	PGPA4015
400 x 200 x 110	200-250	PGPA4020

■ Aluminium ventilation grids w/ mosquito net

White pre-lacquered rectangle

dimension mm	flow section (cm²)	code
290 x 50	45	GABLAM2905F45
200 x 100	50	GABLAM2010F50
300 x 100	85	GABLAM3010F85
240 x 140	130	GABLAM2414F130

Anodised rectangle

dimension mm	flow section (cm²)	code
290 x 50	45	GAGRAM2905F45
200 x 100	50	GAGRAM2010F50
300 x 100	85	GAGRAM3010F90
240 x 140	130	GAGRAM2414F130

Anodised rectangle for outdoor

dimension mm	flow section (cm²)	code
400 x 390	560	GAGRAV4039F560
600 x 590	1440	GAGRAV6059F1440

White pre-lacquered square

dimension mm	flow section (cm²)	code
150 x 150	60	GABLAM1515F60
200 x 200	120	GABLAM2020F120
250 x 250	210	GABLAM2525F210

Anodised square

dimension mm	flow section (cm²)	code
150 x 150	60	GAGRAM1515F60
200 x 200	135	GAGRAM2020F135
250 x 250	240	GAGRAM2525F240

■ Flow regulator

Adjustable

dimension mm	flow section (cm²)	code
80	15-50	RDR08030
100	15-50	RDR10030
100	50-100	RDR10075
125	15-50	RDR12530
125	50-100	RDR12575
125	100-180	RDR125120

■ Self-adjusting extract unit

Single flow

flow (m³/h)	code
15	BTA15
30	BTA30
45	BTA45
60	BTA60
75	BTA75
90	BTA90

Cuff w/ gasket

Ø (mm)	code
100	MJ100
116	MJ116
125	MJ125

Air conditioning & comfort

4 modes: automatic, cold, ventilation, dehumidification - Automatic condensates venting - Infra-red remote control - 3 air flows - Two-pin power socket - Ø 140 mm & 1,5 long semi-flexible outer pipe for hot air venting - White & black ABS cover - R410A refrigerant - 3 speed rotation - Scroll rotary compressor - Programmable with sleep mode - 4 anti-dust washable air filters & 1 active carbon filter - Anti-bacterious condensates case - 230V AC - Energy class A - Insulation class II - Sound pressure: 46 Lp at 3m dB (A) - Temperature range: +18°C/+35°C - Dimension (mm): L 480 x H 744 x I 313 - Weight: 25-26 kg - Window set for release - Condensate case continuous drainage function for very wet climate.

⚠ Seasonal products: please consult for availability.



Mobile air conditioner

flow (m³/h)	power: cold (W)	power consumption (W)	power: hot (W)	volume m³ (m²)	code
350	3 000	1 150	-	110 (45)	CM3001
370	3 300	1 270	-	130 (55)	CM3501
*370	3 300	1 270	2 800	130 (55)	CMR3501

* hot mode.



Door leaf window set

code
KCM

Big diameter (500 mm) for steady & powerful blowing (8 100 m³/h) - Black & chrome attractive design - Robust carbon steel tubes - 360° direction - 3 speed motor - 230V AC - I insulation class - Rotary switch - 1,9 m wire - 85-110 W power consumption - Rotating speed 1210 rpm.

Heavy duty fan

code
VS8100



NEW

Sold by coil of 150 m or by multiple of 10 m - The heat emission intensity varies according to indoor or outdoor temperature (depending on the application) - Every meter marked - 230V.

Anti-frost protection

Self-regulating
temperature: +55°C.

material	output power at 10°C	150 m coil code	multiple of 10 m code
Metal braid	12 W/m	5BMS	5BMSM
Metal braid & polyolefine sheath	12 W/m	5BMX	5BMXM
Metal braid & polyolefine sheath	20 W/m	10BMX	10BMXM

Temperature control

Self-regulating
temperature: +65°C.

material	output power at 10°C	150 m coil code	multiple of 10 m code
Metal braid	31 W/m	20BMS	20BMSM
Metal braid & polyolefine sheath	31 W/m	20BMX	20BMXM

Roof snow removal & ramp protection

Electric protection: IPX7 -
Self-regulating
temperature: +65°C.

material	output power at 10°C	150 m coil code	multiple of 10 m code
Metal braid & fluorised polymere sheath	31 W/m	20BMF	20BMFM

Single connection

1 cable connection - IP68.

code

AUT1



Pipe clamps
(sold by 100)

code

COL

Y - connection

2 cable connection - IP65.

code

AUT2



Gutter clips
(sold by 50)

code

CLIP

Connection set

Rubber pieces & gland-pack
for connection or termination.

code

AUTOKIT



Fiber glass self-adhesive tape
50 m x 12 mm

code

FIB

Terminations (sold by 5)

code

MANTER



Aluminium self-adhesive tape
50 m x 50 mm

code

ALU

Thermostats with 3 m contact probe

Anti-frost protection
(for 5BMS & 5BMX)
0°C/+40°C (16A)

code

TH40



Temperature control (for 20BMS & 20BMX) +10°C/+110°C (10A)

code

TH110

Thermostat - Humidostat sets

Includes thermostat, sensor and probe (for 20BMF)

code

THT

Roof snow removal



Ramp, slab and road protection

code

THS

Ready-to-use cable set

Anti-frost protection - Includes electric plug & thermostat for shut-off above +5/+8°C (energy saving) - 230 V - Under tension max. use temperature: +50°C - T6 (85°) acc. to EN 50014 - Min. installation temperature: -20°C - Non-heated section: 2 m - IP54.

code

CAB5

CAB10

CAB15

