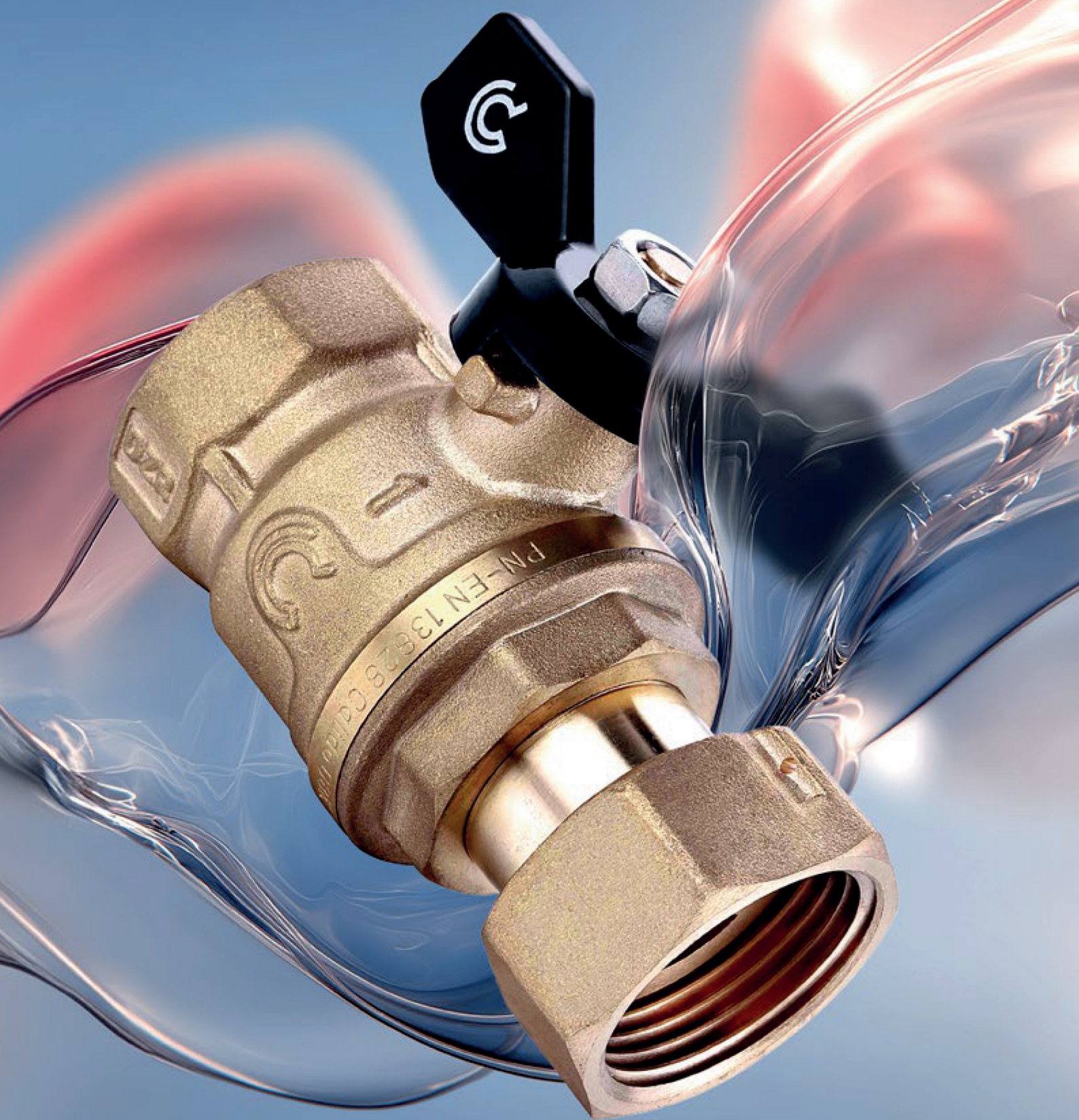




Our mission

We make the work of installers easier by creating innovative products with passion.

Wanting to meet the expectations of our partners, we combine experience with science and the development of technical knowledge. We build long-term relationships.



Products

Our company's offer includes a wide range of products, from valves to advanced installation systems that are used in many different market sectors.

Our team of designers from the Implementation and Development Department is constantly working on new products, using the latest technologies and materials to ensure the quality of products required by customers.

We have our own design department, prototype shop and laboratory, thanks to which it is possible to ensure the appropriate engineering level of the solutions developed.



Innovation

Innovations are one of the foundations on which we build the company's success.

We create original solutions that obtain patent protection as an invention, industrial or utility pattern.

Each innovation is a response to specific market needs, which allows us to offer products that make the work of installers easier.



Technology

Cooperation with the Koszalin University of Technology is a key element of our commitment to product innovation and focuses mainly on industrial design, strength and certification tests.

We comply with the international quality management standard ISO 9001:2015, which directly translates into increased operational efficiency of the company.



Quality control

Our approach to product quality is at the highest level and includes control at every stage of the production process.

Before leaving the production lines, our products are subjected to tests and examinations to check their tightness and durability.

The Quality Control Department checks each delivery of the finished product. This practice allows us to deliver high-quality products to the market.

Warehouse

Warehouses play a key role in maintaining the continuity and efficiency of logistics processes such as receiving deliveries, storing, picking and shipping products.

We have three warehouses with a total area of 4,500 m² - 7,200 pallet spaces, which allows us to maintain high efficiency of inventory management.

We optimize all logistics processes, expanding warehouse space and equipping employees with devices that improve work efficiency.



Diamond Award
Forbes
2024

Awards

We proudly accept a number of awards and distinctions that confirm our commitment and effectiveness of our activities.

They are also evidence of dynamic development, confirmed by independent authorities and organisations, based on, among others, financial results.

Each of these distinctions motivates us to continue working, investing in development and searching for new, better solutions.



We have built our machine park to achieve high quality products and ensure the required efficiency and repeatability of all processes. We produce based on our own designs, which follow our customers' guidelines.

Production

We have our own production facility with an area of 1,800 m², equipped with i.a.: a modern laser cutting machine, CNC machining centres, a CNC coordinate drilling machine, a press brake, a welding plant and a powder coating plant.



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1

BALL, ANGLE AND CHECK VALVES, FILTERS AND SEPARATORS



Ball valves S30 F/F **Calido**

- Rainforced body
- Innovative dynamic sealing
- Protective certificate **No. 69947**
- High operating parameters
- 5-year **warranty**

ANGLE VALVES

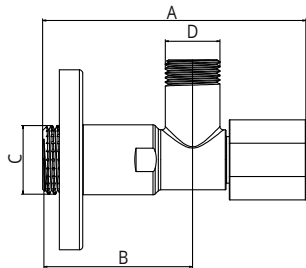
SOLID SERIES

ANTI-LIME ANGLE VALVE

with a filter, metal knob, sandblasted

T max 100°C

PN 16 bar



size	code	dimensions				pcs / pack	pcs / box
		A (mm)	B (mm)	C	D		
1/2" x 3/8"	D/ZK-SOLID1238	80	45	M 1/2"	M 3/8"	1	56
1/2" x 1/2"	D/ZK-SOLID1212	80	45	M 1/2"	M 1/2"	1	56
1/2" x 3/4"	D/ZK-SOLID1234	80	45	M 1/2"	M 3/4"	1	56

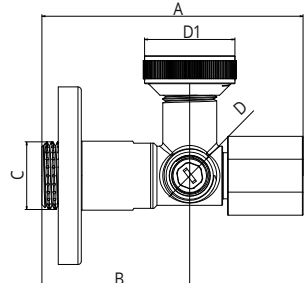
SOLID BIS SERIES

ANTI-LIME ANGLE VALVE
- TWO OUTLETS

washing machine/dishwasher,
with a filter, metal knob,
sandblasted

T max 100°C

PN 16 bar



size	code	dimensions					pcs / pack	pcs / box
		A (mm)	B (mm)	C	D1*	D		
1/2" x 3/4" x 3/8"	D/ZK-SOLIDBIS123438	80	45	M 1/2"	M 3/4"	M 3/8"	1	42

* - a 3/8" x 3/4" adapter may be installed on one of the two outlets, as required

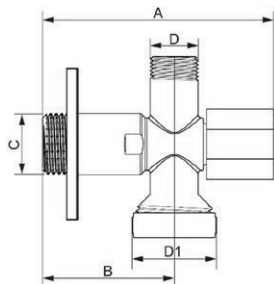
SOLID BIS VERTICAL SERIES

ANTI-LIME ANGLE VALVE
- TWO OUTLETS

washing machine/dishwasher,
with a filter, metal knob, sandblasted

T max 100°C

PN 16 bar



size	code	dimensions					pcs / pack	pcs / box
		A (mm)	B (mm)	C	D1*	D		
1/2" x 3/4" x 3/8"	D/ZK-SOLIDBISP123438	80	45	M 1/2"	M 3/4"	M 3/8"	1	42

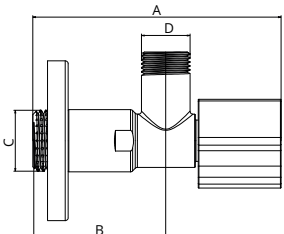
ART SERIES

ANTI-LIME ANGLE VALVE

with a filter, ABS knob, polished

T max 100°C

PN 16 bar



size	code	dimensions				pcs / pack	pcs / box
		A (mm)	B (mm)	C	D		
1/2" x 3/8"	D/ZK-ART1238	84	45	M 1/2"	M 3/8"	1	56
1/2" x 1/2"	D/ZK-ART1212	84	45	M 1/2"	M 1/2"	1	56
1/2" x 3/4"	D/ZK-ART1234	84	45	M 1/2"	M 3/4"	1	56

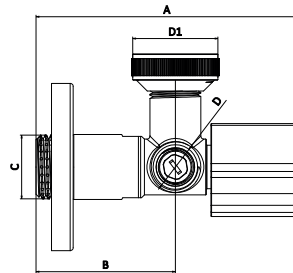
ART BIS SERIES

ANTI-LIME ANGLE VALVE
- TWO OUTLETS

washing machine/dishwasher,
with a filter, ABS knob, polished

T max 100°C

PN 16 bar



size	code	dimensions					pcs / pack	pcs / box
		A (mm)	B (mm)	C	D1*	D		
1/2" x 3/4" x 3/8"	D/ZK-ARTBIS123438	84	45	M 1/2"	M 3/4"	M 3/8"	1	42

* - a 3/8" x 3/4" adapter may be installed on one of the two outlets, as required

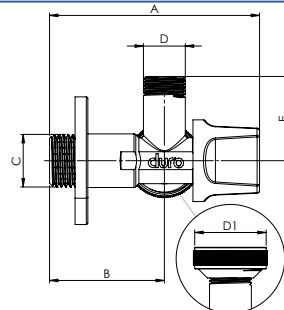
MULTI

ANTI-LIME ANGLE VALVE
- TWO OUTLETS

with 4 knob settings, ABS knob, polished

T max 95°C

PN 10 bar



size	code	dimensions						pcs / pack	pcs / box
		A (mm)	B (mm)	E (mm)	C	D1*	D		
1/2" x 3/4" x 3/8"	D/ZK-MULTI123438	82	45	33	M1/2"	M3/4"	M3/8"	1	100

* a 3/8" x 3/4" adapter may be installed on one of the two outlets, as required

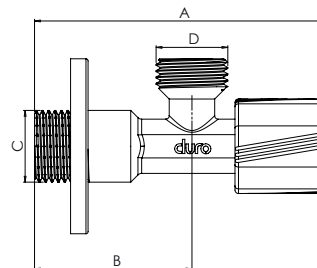
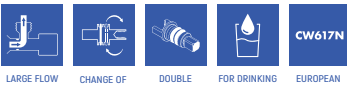
TWIST SERIES

ANGLE VALVE WITH HEAD

metal knob, sandblasted

T max 95°C

PN 10 bar



size	code	dimensions				pcs / pack	pcs / box
		A (mm)	B (mm)	C	D		
1/2" x 3/8"	D/ZKG-TWIST1238	83	45	M 1/2"	M 3/8"	1	100
1/2" x 1/2"	D/ZKG-TWIST1212	83	45	M 1/2"	M 1/2"	1	100
1/2" x 3/4"	D/ZKG-TWIST1234	83	45	M 1/2"	M 3/4"	1	100

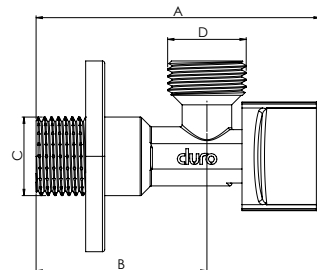
SMART SERIES

ANTI-LIME ANGLE VALVE

metal knob, polished

T max 95°C

PN 10 bar



size	code	dimensions				pcs / pack	pcs / box
		A (mm)	B (mm)	C	D		
1/2" x 3/8"	D/ZK-SMART-1238	75	45	M 1/2"	M 3/8"	1	80
1/2" x 1/2"	D/ZK-SMART-1212	75	45	M 1/2"	M 1/2"	1	80
1/2" x 3/4"	D/ZK-SMART-1234	75	45	M 1/2"	M 3/4"	1	80

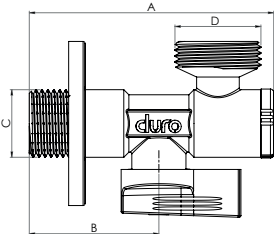
SMART SERIES WITH A FILTER

ANTI-LIME ANGLE VALVE

with a filter, metal knob, polished

T max 95°C

PN 10 bar



size	code	dimensions				pcs / pack	pcs / box
		A (mm)	B (mm)	C	D		
1/2" x 3/8"	D/ZK-SMART-F-1238	75	40	M 1/2"	M 3/8"	1	80
1/2" x 1/2"	D/ZK-SMART-F-1212	75	40	M 1/2"	M 1/2"	1	80
1/2" x 3/4"	D/ZK-SMART-F-1234	75	40	M 1/2"	M 3/4"	1	80

ANTI-LIME BALL VALVES S40

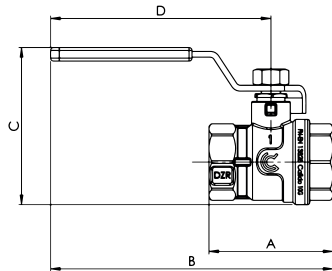
S40 PRO SERIES

ANTI-LIME BALL VALVE F-F

dynamic sealing, ball covered with nanoceramics (ANTI-LIME material), inox handle with a window and label

T work -20°C÷150°C

PN 40 bar



size	code	dimensions				pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)	D (mm)		
1/2"	CA/ZK-S40A-WWR15-OK	49	119	62	94	30	60
3/4"	CA/ZK-S40A-WWR20-OK	56	122	69	94	24	48
1"	CA/ZK-S40A-WWR25-OK	64	146	81	114	12	24
1 1/4"	CA/ZK-S40A-WWR32-OK	76	151	90	114	8	16
1 1/2"	CA/ZK-S40A-WWR40-OK	87	199	102	155	6	12
2"	CA/ZK-S40A-WWR50-OK	102	207	118	155	4	8

BALL VALVES S30

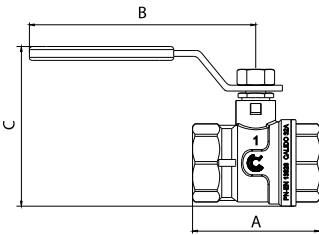
S30 SERIES

BALL VALVE F-F

dynamic sealing, handle with a window and label

T work -20°C÷150°C

PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/4"	CA/ZK-WWR08*	41	70	49	60	120
3/8"	CA/ZK-WWR10*	41	70	49	60	120
1/2"	CA/ZK-WWR15-OK*	49	94	63	30	60
3/4"	CA/ZK-WWR20-OK*	56	94	70	20	40
1"	CA/ZK-WWR25-OK*	64	114	81	12	24
1 1/4"	CA/ZK-WWR32-OK*	76	114	91	10	20
1 1/2"	CA/ZK-WWR40-OK	87	154	104	6	12
2"	CA/ZK-WWR50-OK	102	154	118	4	8
2 1/2"	CA/ZK-WWR65	132	174	142	-	5
3"	CA/ZK-WWR80	152	238	168	-	2
4"	CA/ZK-WWR100	176	238	190	-	2

* Version with blue handle - code - N

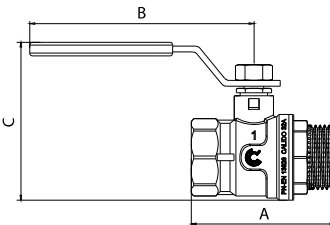
S30 SERIES

BALL VALVE F-M

dynamic sealing, handle with a window and label

T work -20°C÷150°C

PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZK-WZR15-OK*	56	94	63	30	60
3/4"	CA/ZK-WZR20-OK*	64	94	70	20	40
1"	CA/ZK-WZR25-OK*	73	114	81	12	24
1 1/4"	CA/ZK-WZR32-OK*	85	114	90	10	20
1 1/2"	CA/ZK-WZR40-OK	98	154	104	6	12
2"	CA/ZK-WZR50-OK	119	154	118	2	4

* Version with blue handle - code - N

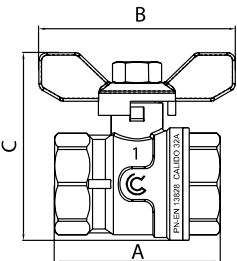
S30 SERIES

BALL VALVE F-F

dynamic sealing, "butterfly"

T work -20°C÷150°C

PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
3/8"	CA/ZK-WWM10*	41	54	46	60	120
1/2"	CA/ZK-WWM15*	49	54	54	40	80
3/4"	CA/ZK-WWM20*	56	54	61	25	50
1"	CA/ZK-WWM25*	64	75	73	14	28

* Version with blue handle - code - N

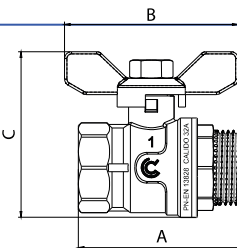
S30 SERIES

BALL VALVE F-M

dynamic sealing, "butterfly"

T work -20°C÷150°C

PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZK-WZM15*	56	54	54	40	80
3/4"	CA/ZK-WZM20*	64	54	61	25	50
1"	CA/ZK-WZM25*	73	75	73	14	28

* Version with blue handle - code - N

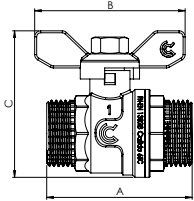
S30 SERIES

BALL VALVE M-M

dynamic sealing, "butterfly"

T work -20°C÷150°C

PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZK-ZZM15*	56	54	54	40	80
3/4"	CA/ZK-ZZM20*	64	54	61	24	48
1"	CA/ZK-ZZM25*	72	75	73	14	28

* Version with blue handle - code - N

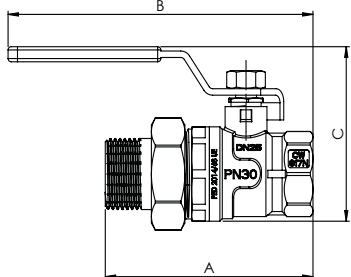
S30 SERIES

BALL VALVE F-M STRAIGHT, WITH HALF-UNION

dynamic sealing, handle with a window and label

T max 110°C

PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 1/2"	CA/ZK-WZPR15-OK*	78	118	62	20	40
3/4" x 1" x 3/4"	CA/ZK-WZPR20-OK*	87	122	69	14	28
1" x 1 1/4" x 1"	CA/ZK-WZPR25-OK*	99	146	81	8	16

* Version with blue handle - code - N

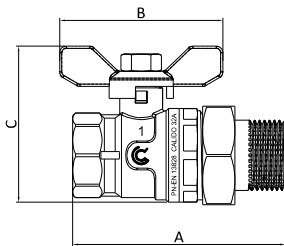
S30 SERIES

BALL VALVE F-M STRAIGHT, WITH HALF-UNION

dynamic sealing, "butterfly"

T max 110°C

PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 1/2"	CA/ZK-WZPM15*	78	54	56	25	50
3/4" x 1" x 3/4"	CA/ZK-WZPM20*	87	54	64	20	40
1" x 1 1/4" x 1"	CA/ZK-WZPM25*	99	75	77	10	20

* Version with blue handle - code - N

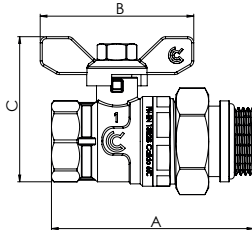
S30 SERIES

BALL VALVE F-M STRAIGHT, WITH HALF-UNION AND O-RING

dynamic sealing, "butterfly"

T max 110°C

PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 1/2"	CA/ZK-WZPM15-O*	81	54	56	20	40
3/4" x 1" x 3/4"	CA/ZK-WZPM20-O*	86	54	61	12	24
1" x 1 1/4" x 1"	CA/ZK-WZPM25-O*	102	75	72	8	16
1 1/4" x 1 1/2" x 1 1/4"	CA/ZK-WZPM32-O*	114	75	82	6	12

* Version with blue handle - code - N

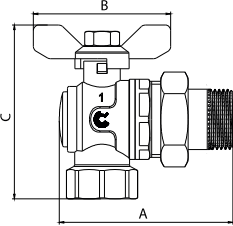
S30 SERIES

BALL VALVE F-M ANGLE, WITH HALF-UNION

dynamic sealing, "butterfly"

T max 110°C

PN 16 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 1/2"	CA/ZK-KWZPM15*	76	54	75	20	40
3/4" x 1" x 3/4"	CA/ZK-KWZPM20*	86	54	84	10	20
1" x 1 1/4" x 1"	CA/ZK-KWZPM25*	91	75	95	6	12

* Version with blue handle - code - N

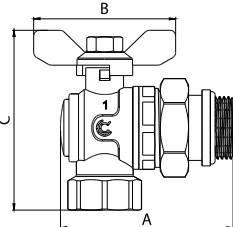
S30 SERIES

BALL VALVE F-M ANGLE, WITH HALF-UNION AND O-RING

dynamic sealing, "butterfly"

T max 110°C

PN 16 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 1/2"	CA/ZK-KWZPM15-O*	75	54	71	16	32
3/4" x 1" x 3/4"	CA/ZK-KWZPM20-O*	81	54	80	9	18
1" x 1 1/4" x 1"	CA/ZK-KWZPM25-O*	93	75	95	6	12

* Version with blue handle - code - N

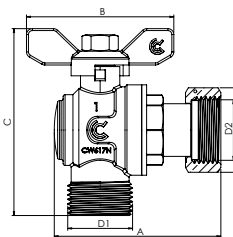
S30 SERIES

BALL VALVE F-M ANGLE, WITH SWIVEL NUT

dynamic sealing, "butterfly"

T max 110°C

PN 30 bar



size	code	dimensions				pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)	S1 [mm]		
1/2" x 1/2"	CA/ZK-KZWRNM1515*	66	53,5	71	25	20	40
3/4" x 3/4"	CA/ZK-KZWRNM2020*	75,5	53,5	80	32	10	20
1" x 1"	CA/ZK-KZWRNM2525*	85	75	95	38	6	12

* Version with blue handle - code - N

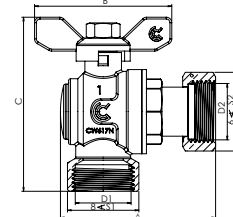
S30 SERIES

BALL VALVE F-F ANGLE, WITH SWIVEL NUT

dynamic sealing, "butterfly"

T max 110°C

PN 30 bar



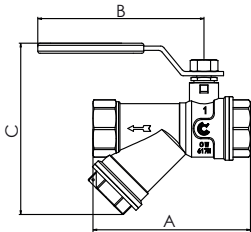
size	code	dimensions					pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)	S1 [mm]	S2 [mm]		
1/2" x 1/2"	CA/ZK-KWWRNM1515*	66	53,5	71	24	25	20	40
3/4" x 3/4"	CA/ZK-KWWRNM2020*	75,5	53,5	80	30	32	10	20
1" x 1"	CA/ZK-KWWRNM2525*	85	75	95	37	38	6	12

* Version with blue handle - code - N

S30 SERIES

BALL VALVE F-F WITH FILTER / MAGNETIC INSERT

dynamic sealing
T work -20°C÷150°C
PN 30 bar



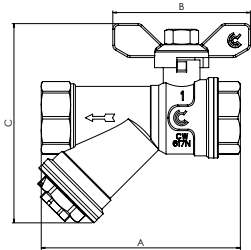
size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZK-WWFR15*	78	91	94	12	24
3/4"	CA/ZK-WWFR20*	96	102	94	9	18
1"	CA/ZK-WWFR25*	108	120	119	5	10
1/2"	CA/ZK-WWFR15**	81	94	89	12	24
3/4"	CA/ZK-WWFR20**	98	94	100	9	18
1"	CA/ZK-WWFR25**	110	114	116	5	10

* Version with blue handle - code - N
** Available in a version with a filter and a magnetic insert (Version with blue handle - code - N)

S30 SERIES

BALL VALVE F-F WITH FILTER

dynamic sealing, "butterfly"
T work -20°C÷150°C
PN 30 bar



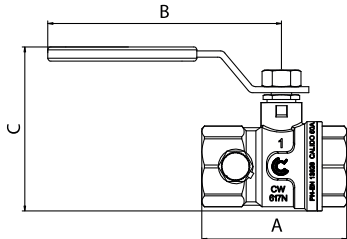
size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZK-WWFM15*	78	54	81	12	24
3/4"	CA/ZK-WWFM20*	96	54	93	9	18
1"	CA/ZK-WWFM25*	108	75	110	6	12

* Version with blue handle - code - N

S30 SERIES

BALL VALVE F-F WITH DRAIN AND VENT

dynamic sealing
T work -20°C÷150°C
PN 30 bar



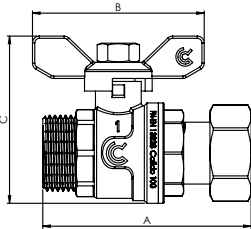
size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZK-WWSOR15*	56	94	63	15	30
3/4"	CA/ZK-WWSOR20*	65	94	70	12	24
1"	CA/ZK-WWSOR25*	71	114	81	8	16

* Version with blue handle - code - N

S30 SERIES

BALL VALVE F-M WITH SWIVEL NUT

dynamic sealing, "butterfly"
T work -20°C÷150°C
PN 30 bar



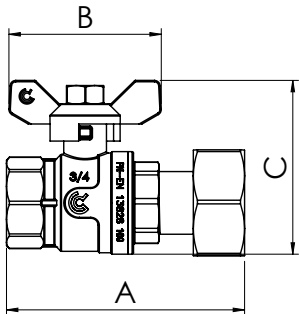
size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZK-WZRN15*	72	54	54	30	60
1/2 x 3/4"	CA/ZK-WZRN1520*	74	54	54	12	24
3/4"	CA/ZK-WZRN20*	79	75	75	20	40
3/4" x 1"	CA/ZK-WZRN2025*	84	53	53	20	40
1"	CA/ZK-WZRN25*	73	53	53	12	24
1 1/4"	CA/ZK-WZRN32*	83	75	111	6	12

* Version with blue handle - code - N

S30 SERIES

BALL VALVE F-F WITH SWIVEL NUT

dynamic sealing, "butterfly"
T work -20°C÷150°C
PN 30 bar



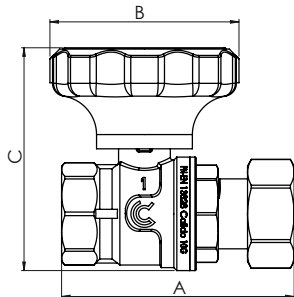
size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZK-WWRN15*	72	53	53	30	60
1/2 x 3/4"	CA/ZK-WWRN1520*	74	53	53	20	40
3/4"	CA/ZK-WWRN20*	79	53	61	20	40
3/4" x 1"	CA/ZK-WWRN2025*	84	53	61	20	40
1"	CA/ZK-WWRN25*	73	75	90	12	24
1 1/4"	CA/ZK-WWRN32*	83	75	109	6	12

* Version with blue handle - code - N

S30 SERIES

BALL VALVE F-F WITH SWIVEL NUT 1"

with red or blue knob and thermometer,
dynamic sealing
T work -20°C÷150°C
PN 30 bar



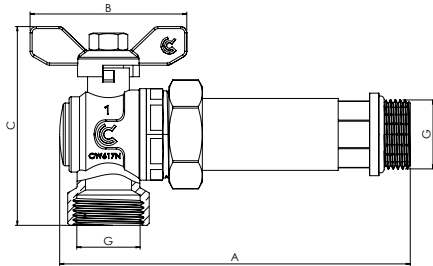
size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1"	CA/ZK-WWRNT25-CZ	90	73	88	8	16
1"	CA/ZK-WWRNT25-N	90	73	88	8	16

S30 SERIES

ANGLE BALL VALVE F-M

with half-connection, o-ring and red butterfly handle to the upper beam manifold

T work 150°C
PN 30 bar



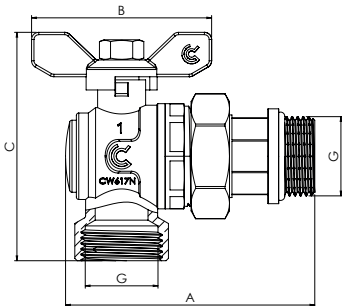
size	code	dimensions				pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)	G		
1"	CA/ZK-KWZPMR-25-C	168	75	95	1"	3	6

S30 SERIES

ANGLE BALL VALVE F-M

with half-connection, o-ring and blue butterfly handle to the lower beam manifold

T work 150°C
PN 30 bar



size	code	dimensions				pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)	G		
1"	CA/ZK-KWZPMR-25-N	104	75	95	1"	3	6

S30 SERIES

SET OF:

ANGLE BALL VALVE F-M

with half-connection, o-ring and red butterfly handle to the upper beam manifold

ANGLE BALL VALVE F-M

with half-connection, o-ring and blue butterfly handle to the lower beam manifold



size	code	set	pcs / box
1"	CA/ZK-KWZPMR-25-KPL	1	8

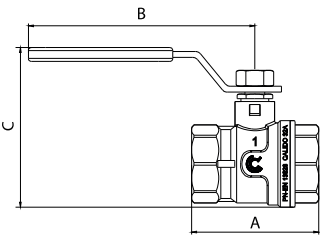
BALL VALVES S30 N

S30 N SERIES

BALL VALVE F-F

dynamic sealing, handle with a window and label

T work -20°C÷150°C
PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
3/8"	CA/ZKN-WWR10*	41	70	49	60	120
1/2"	CA/ZKN-WWR15*	49	94	63	30	60
3/4"	CA/ZKN-WWR20*	56	94	70	20	40
1"	CA/ZKN-WWR25*	64	114	81	12	24
1 1/4"	CA/ZKN-WWR32*	76	114	91	10	20
1 1/2"	CA/ZKN-WWR40*	87	154	104	6	12
2"	CA/ZKN-WWR50*	102	154	118	4	8

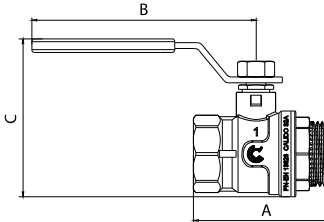
* Version with blue handle - code - N

S30 N SERIES

BALL VALVE F-M

dynamic sealing, handle with a window and label

T work -20°C÷150°C
PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZKN-WZR15*	56	94	63	30	60
3/4"	CA/ZKN-WZR20*	64	94	70	20	40
1"	CA/ZKN-WZR25*	73	114	81	12	24
1 1/4"	CA/ZKN-WZR32*	85	114	90	10	20
1 1/2"	CA/ZKN-WZR40*	98	154	104	6	12
2"	CA/ZKN-WZR50*	119	154	118	2	4

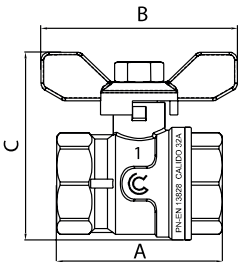
* Version with blue handle - code - N

S30 N SERIES

BALL VALVE F-F

dynamic sealing, "butterfly"

T work -20°C÷150°C
PN 30 bar

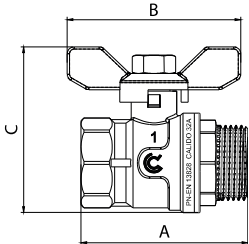


size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
3/8"	CA/ZKN-WWM10*	41	54	46	60	120
1/2"	CA/ZKN-WWM15*	49	54	54	40	80
3/4"	CA/ZKN-WWM20*	56	54	61	25	50
1"	CA/ZKN-WWM25*	64	75	73	14	28

* Version with blue handle - code - N

S30 N SERIES

BALL VALVE F-M
dynamic sealing, "butterfly"
T work -20°C÷150°C
PN 30 bar

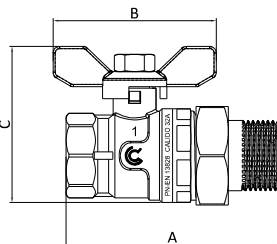


size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZKN-WZM15*	56	54	54	40	80
3/4"	CA/ZKN-WZM20*	64	54	61	25	50
1"	CA/ZKN-WZM25*	73	75	73	14	28

* Version with blue handle - code - N

S30 N SERIES

BALL VALVE F-M STRAIGHT, WITH HALF-UNION
dynamic sealing, "butterfly"
T max 110°C
PN 30 bar

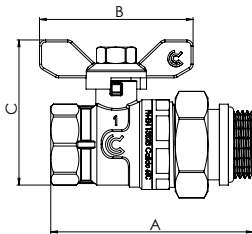


size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 1/2"	CA/ZKN-WZPM15*	78	54	56	25	50
3/4" x 1" x 3/4"	CA/ZKN-WZPM20*	87	54	64	20	40
1" x 1 1/4" x 1"	CA/ZKN-WZPM25*	99	75	77	10	20

* Version with blue handle - code - N

S30 N SERIES

BALL VALVE F-M STRAIGHT, WITH HALF-UNION AND O-RING
dynamic sealing, "butterfly"
T max 110°C
PN 30 bar

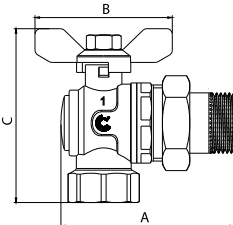
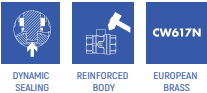


size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 1/2"	CA/ZKN-WZPM15-O*	81	54	56	20	40
3/4" x 1" x 3/4"	CA/ZKN-WZPM20-O*	86	54	61	12	24
1" x 1 1/4" x 1"	CA/ZKN-WZPM25-O*	102	75	72	8	16
1 1/4" x 1 1/2" x 1 1/4"	CA/ZKN-WZPM32-O*	114	75	82	6	12

* Version with blue handle - code - N

S30 N SERIES

BALL VALVE F-M ANGLE, WITH HALF-UNION
dynamic sealing, "butterfly"
T max 110°C
PN 16 bar

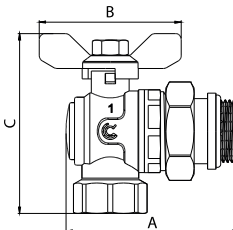


size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 1/2"	CA/ZKN-KWZPM15*	76	54	75	20	40
3/4" x 1" x 3/4"	CA/ZKN-KWZPM20*	86	54	84	10	20
1" x 1 1/4" x 1"	CA/ZKN-KWZPM25*	91	75	95	6	12

* Version with blue handle - code - N

S30 N SERIES

BALL VALVE F-M ANGLE, WITH HALF-UNION AND O-RING
dynamic sealing, "butterfly"
T max 110°C
PN 16 bar



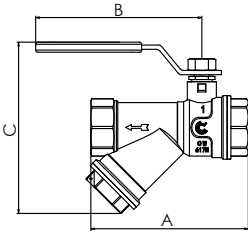
size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 1/2"	CA/ZKN-KWZPM15-O*	75	54	71	16	32
3/4" x 1" x 3/4"	CA/ZKN-KWZPM20-O*	81	54	80	9	18
1" x 1 1/4" x 1"	CA/ZKN-KWZPM25-O*	93	75	95	6	12

* Version with blue handle - code - N

S30 N SERIES

BALL VALVE F-F WITH FILTER / MAGNETIC INSERT

dynamic sealing
T work -20°C÷150°C
PN 30 bar



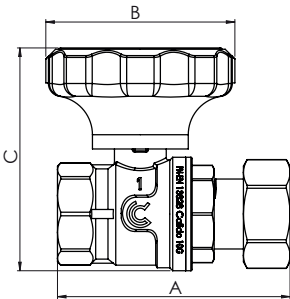
size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZKN-WWFR15*	78	91	94	12	24
3/4"	CA/ZKN-WWFR20*	96	102	94	9	18
1"	CA/ZKN-WWFR25*	108	120	119	5	10

*Version with blue handle - code - N
** Available in a version with a filter (Version with blue handle - code - N)

S30 N SERIES

BALL VALVE F-F WITH SWIVEL NUT 1"

with red or blue knob and thermometer,
dynamic sealing
T work -20°C÷150°C
PN 30 bar

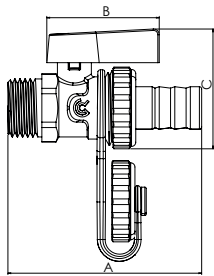
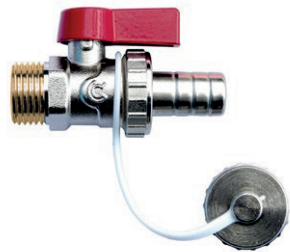


size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1"	CA/ZKN-WWRNT25-CZ	90	73	88	8	16
1"	CA/ZKN-WWRNT25-N	90	73	88	8	16

DRAIN BALL VALVES S30

DRAIN VALVE M

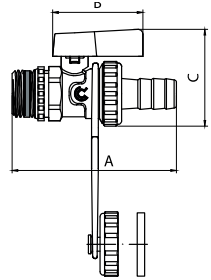
with plug and a hose connector
T max 110°C
PN 25 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZKS-15	68	40	43	35	70
3/4"	CA/ZKS-20	74	40	43	20	40

DRAIN VALVE M

with a sealing ring, locknut, plug
and hose connector
T max 110°C
PN 25 bar

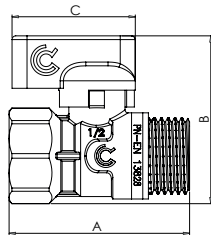


size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2"	CA/ZKS-PN15	72	40	43	30	60

BALL VALVES MINI

MINI VALVE

gland
T work 110°C
PN 30 bar

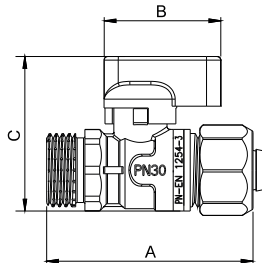


size	code	handle color	dimensions			pcs / pack	pcs / box
			A (mm)	B (mm)	C (mm)		
1/2"	CA/ZK-MINI15-CZ	RED	48	45	33	70	140
1/2"	CA/ZK-MINI15-N	BLUE	48	45	33	70	140

BALL VALVES MINI FOR PEX 16 x 2.0 PIPES

MINI VALVE

gland
extra sealing o-ring
valve:
T work 95°C
PN 30 bar
PEX connector:
T work 95°C,
PN 10 bar

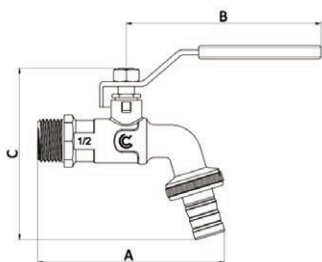


size	code	handle color	dimensions			pcs / pack	pcs / box
			A (mm)	B (mm)	C (mm)		
1/2" x 16 x 2,0	CA/ZK-MINI1/2X16CZ	RED	58	33	44	18	144
1/2" x 16 x 2,0	CA/ZK-MINI1/2X16N	BLUE	58	33	44	18	144

GARDEN BALL VALVES

GARDEN SERIES

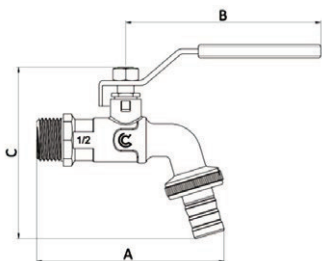
FROST-RESISTANT BALL VALVES
hose connector, sealing, stainless steel
handle and nut
T max 90°C
PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 15	CA/ZK-CZ15	92	94	95	16	32
3/4" x 3/4" x 20	CA/ZK-CZ20	100	94	99	10	20

GARDEN SERIES

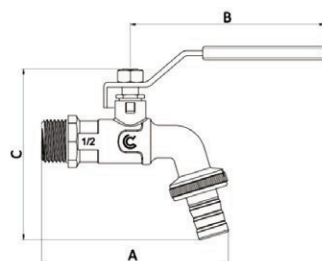
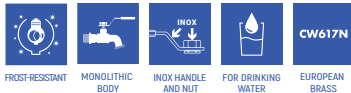
FROST-RESISTANT BALL VALVES
quick-coupling connector, sealing,
stainless steel handle and nut,
hose connector
T max 90°C
PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" - SZ	CA/ZK-CZ15S	94	94	95	16	32
3/4" x 3/4" - SZ	CA/ZK-CZ20S	102	94	99	10	20

GARDEN SERIES

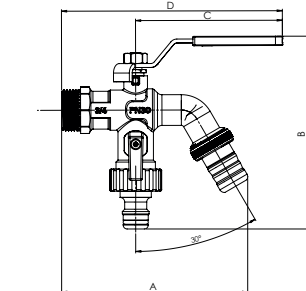
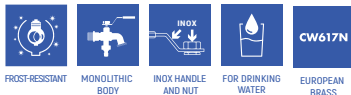
FROST-RESISTANT BALL VALVES
hose connector and quick-coupling
connector, sealing, stainless steel
handle and nut, hose connector
Tmax 90°C
PN 30 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" - 15/SZ	CA/ZK-CZZWS15	94	94	95	12	24
3/4" x 3/4" - 20/SZ	CA/ZK-CZZWS20	102	94	99	10	20

GARDEN SERIES BIS

**FROST-RESISTANT BALL VALVES
WITH TWO CONNECTORS**
hose connector and quick-coupling
connector, sealing, stainless steel
handle and nut
T max 90°C
PN 30 bar

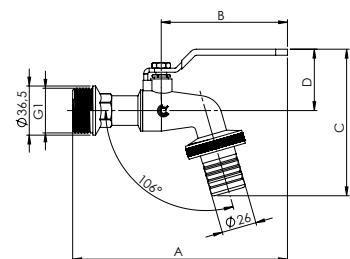


size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4"	CA/ZK-CZBIS15	94	94	95	-	32
3/4" x 3/4"	CA/ZK-CZBIS20	102	94	99	-	28

FARMER BALL VALVES

FARMER SERIES

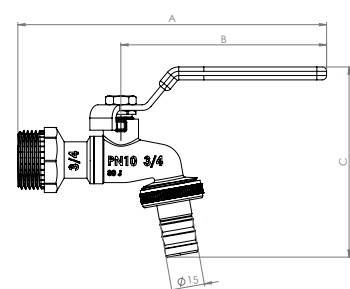
BALL VALVE
sealing, hose connector
T max 90°C
PN 25 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1" x 1 1/4"-26	CA/ZK-CZF25	160	94	109	6	12

FARMER SERIES

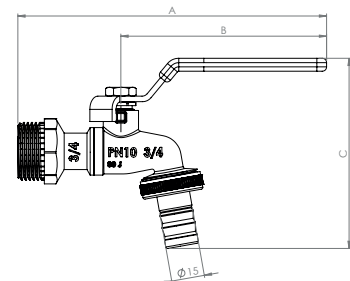
BALL VALVE
sealing, hose connector
T max 65°C
PN 10 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 15	CA/ZK-CZF15	140	93	86	20	40
3/4" x 3/4" x 15	CA/ZK-CZF20	140	93	86	16	32

FARMER SERIES

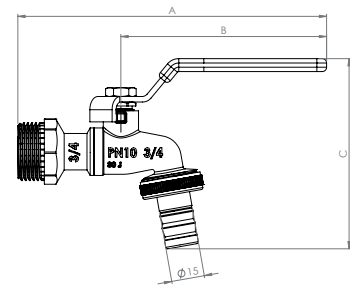
BALL VALVE
quick-coupling connector, sealing,
hose connector
T max 65°C
PN 10 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x SZ	CA/ZK-CZFS15	140	93	86	18	36
3/4" x 3/4" x SZ	CA/ZK-CZFS20	140	93	86	16	32

FARMER SERIES

BALL VALVE
hose connector and quick-coupling
connector, sealing, hose connector
T max 65°C
PN 10 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	C (mm)		
1/2" x 3/4" x 15/SZ	CA/ZK-CZFZWS15	140	93	86	14	28
3/4" x 3/4" x 15/SZ	CA/ZK-CZFZWS20	140	93	86	14	28

PLUGS WITH BALL VALVES

55/60 CONTAINER PLUG

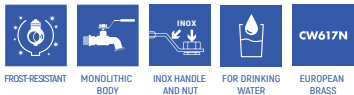
with a Calido ball valve 3/4" from the FARMER SERIES
T max 65°C
PN 10 bar



size	code	pcs / pack.	pcs / box
3/4"	CA/ZK-KOREK CZF20	1	56

55/60 CONTAINER PLUG

with a Calido ball valve 3/4" from the GARDEN SERIES
T max 90°C
PN 30 bar



size	code	pcs / pack	pcs / box
3/4"	CA/ZK-KOREK CZ20	1	56

55/60 CONTAINER PLUG

with a Calido ball valve 3/4" from the S30 SERIES and a quick-coupling
T max 90°C
PN 30 bar



size	code	pcs / pack	pcs / box
3/4"	CA/ZK-KOREK WZR20	1	56

55/60 CONTAINER PLUG

with a Calido ball valve 1" from the FARMER SERIES
T max 90°C
PN 25 bar



size	code	pcs / pack	pcs / box
1"	CA/ZK-KOREK CZF25	1	56

55/60 CONTAINER PLUG

with a Calido ball valve 1" from the S30 SERIES



size	code	pcs / pack	pcs / box
1"	CA/ZK-KOREK WZR25	1	56

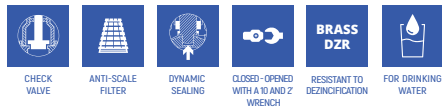
VALVES FOR HEATING

ERYK SERIES

set of angle ball valves, for connecting a hanging boiler:

1 x CA/ZKKN-DPK 15
1 x CA/ZKKN-DPKF 15
1 x CA/ZKKN-DPK 20
1 x CA/ZKKN-DPKF 20

PN 10 bar
T nom 110°C
T instant. max 150°C (for valves without a check valve)
T instant. max 120°C (for valves with a check valve))



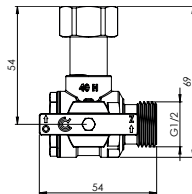
size	code	pcs / pack	pcs / box
1 x 1/2" 1 x 1/2"* 1 x 3/4" 1 x 3/4**	CA/ZKKN-DPKN KPL	1 set	12

* with a check valve and ANTI-LIME filter

ERYK SERIES

angle ball valve, for connecting a hanging boiler:

PN 10 bar
T nom 110°C
T instant. max 150°C

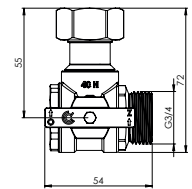


size	code	pcs / pack	pcs / box
1/2"	CA/ZKKN-DPK 15	-	48

ERYK SERIES

angle ball valve, for connecting a hanging boiler:

PN 10 bar
T nom 110°C
T instant. max 150°C

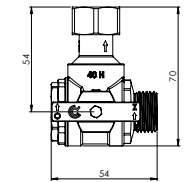


size	code	pcs / pack	pcs / box
3/4"	CA/ZKKN-DPK 20	-	45

ERYK SERIES

angle ball valve, for connecting a hanging boiler, with an ANTI-LIME filter and a check valve

PN 10 bar
T nom 110°C
T instant. max 120°C

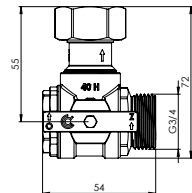


size	code	pcs / pack	pcs / box
1/2"	CA/ZKKN-DPKF 15	-	45

ERYK SERIES

angle ball valve, for connecting a hanging boiler, with an ANTI-LIME filter and a check valve

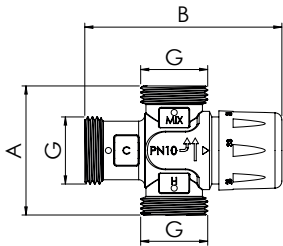
PN 10 bar
T nom 110°C
T instant. max 120°C



size	code	pcs / pack	pcs / box
3/4"	CA/ZKKN-DPKF 20	-	45

THREE-WAY VALVE

thermostatic, mixing, three-way valve for central heating systems
PN 10 bar
T nom 90°C
T instant. max: 110°C
Temperature control range: 23-43°C
Control accuracy: 2°C
Max glycol concentration in the medium: 50%



size	Flow rate Kv (m³/h)	code	dimensions			pcs / pack	pcs / box
			G	A [mm]	B [mm]		
1" x 1" x 1"	1,6	CA/ZTM-25	1"	63,5	97	1	60
1" x 1" x 1"	3,2	CA/ZTM-3,2	1"	70	95	1	20
1" x 1" x 1"	4,8	CA/ZTM-4,8	1"	84	122,5	1	20

WATER PRESSURE REGULATOR

Tmax 80°C
setting range 1,5-5,5 bar
factory setting 3 bar
brass CW617N



size	code	pcs / pack	pcs / box
1/2"	CA/RCW-15	1	12
3/4"	CA/RCW-20	1	12
1"	CA/RCW-25	1	12

PUMP BYPASSES

VERTICAL



type	description	code	pcs / box
with differential valve	the set includes: two 1 1/2"x1" half-fittings and Calido S30 SERIES ball valves	CA/OB-1	1
with differential valve 1 1/4"		CA/OB-11/4	1
with differential valve 1 1/2"		CA/OB-11/2	1
with differential valve 2"		CA/OB-2	1

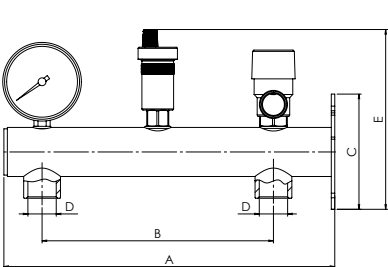
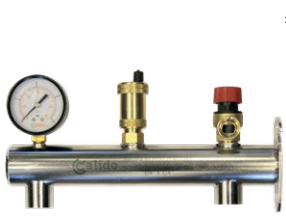
HORIZONTAL



type	description	code	pcs / box
with differential valve 1"	the set includes: two 1 1/2"x1" half-fittings and Calido S30 SERIES ball valves	CA/OB-1 POZ	1
with differential valve 1 1/4"		CA/OB-11/4 POZ	1
with differential valve 1 1/2"		CA/OB-11/2 POZ	1
with differential valve 2"		CA/OB-2 POZ	1

SAFETY GROUPS

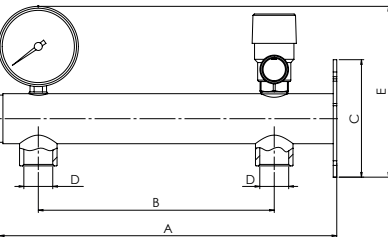
FOR CENTRAL HEATING SYSTEM



type	description	code	dimensions					pcs / box
			A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	
WITH 1.5 BAR SAFETY VALVE	length 286 mm, pressure gauge 4 bar, temperature max 110°C	CA/GB-CO-1,5	286	200	99,5	24,5	150	1
WITH 2.5 BAR SAFETY VALVE		CA/GB-CO-2,5						1
WITH 3 BAR SAFETY VALVE		CA/GB-CO-3						1
WITH 1.5 BAR SAFETY VALVE		CA/GB-CO-1,5-SN*						1
WITH 2.5 BAR SAFETY VALVE		CA/GB-CO-2,5-SN*						1
WITH 3 BAR SAFETY VALVE		CA/GB-CO-3,0-SN*						1

* - stainless steel

FOR DOMESTIC WATER INSTALLATION



type	description	code	dimensions					pcs / box
			A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	
WITH SAFETY VALVE 6 BAR	length 286 mm, pressure gauge 10 bar, temperature max 110°C	CA/GB-CWU-6	286	200	99,5	24,5	145	1
WITH SAFETY VALVE 8 BAR		CA/GB-CWU-8						1
WITH SAFETY VALVE 6 BAR		CA/GB-CWU-6-SN*						1
WITH SAFETY VALVE 8 BAR		CA/GB-CWU-8-SN*						1

* - stainless steel

CHECK VALVES

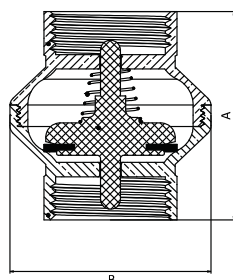
PIONIER SERIES

ENERGY SAVING CHECK VALVE F-F,
FULL FLOW

ANTI-LIME, plastic head, valve spring
made of stainless steel, tested for 1 000
000 open-close cycles

T work -20°C (without freezing) ÷ 90°C

PN 25 bar



size	code	Kv(m³/h)	dimensions		pcs / pack	pcs / box
			A (mm)	B (mm)		
1/2"	CA/ZZPP-15	4,5	49	38	30	60
3/4"	CA/ZZPP-20	10,0	56	48	16	32
1"	CA/ZZPP-25	15,5	60	56	12	24
1 1/4"	CA/ZZPP-32	23,3	66	68	10	20

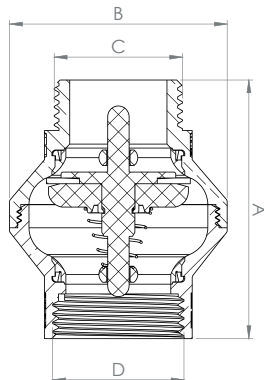
PIONIER SERIES

ENERGY SAVING CHECK VALVE F-M,
FULL FLOW

ANTI-LIME, plastic head, valve spring made
of stainless steel, tested for 1 000 000
open-close cycles

T work -20°C (without freezing) ÷ 90°C

PN 25 bar



size	code	Kv(m³/h)	dimensions				pcs / pack	pcs / box
			A (mm)	B (mm)	C	D		
1"	CA/ZZP-WZ-25	15,5	67	56	M 1	F1	15	30

THERMOSTATIC VALVE FOR CIRCULATION
OF HOT DOMESTIC WATER
P58

Product use:

- Commercial buildings
- Multi-family buildings
- Institutional buildings

Medium: water intended for human
consumption

Max. working pressure: 1 MPa (10 bar)

Temperature setting range: 35°C - 60°C

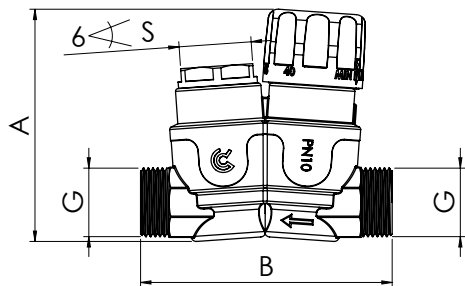
Disinfection temperature: 68°C - 72°C

Valve closing temperature: 75°C

Max temperature: 90°C

Kv = 2.3 m³/h

Connection: M 3/4" (for flat gasket)



size	code	dimensions			pcs / pack	pcs / box
		A [mm]	B (mm)	S (mm)		
3/4"	CA/ZTC-CWU-20	89,5	97	28	24	1

MANUAL RADIATOR VALVES

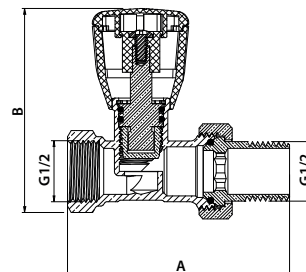
O-RINGS CAN BE CHANGED WITHOUT DRAINING THE WATER FROM THE INSTALLATION

ESKIMOS SERIES

MANUAL STRAIGHT VALVE
nickel

T max 110°C

PN 16 bar



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
1/2"	CA/ZG-ZP1/2	77	71	10	40
1/2"	CA/ZG-ZP1/2-O*	77	71	9	36

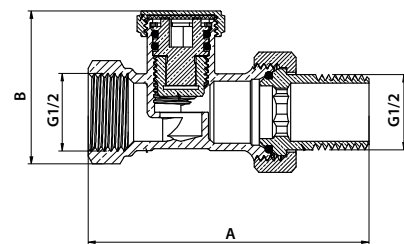
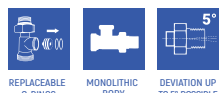
*Version with o-ring

ESKIMOS SERIES

RETURN STRAIGHT VALVE
nickel

T max 110°C

PN 16 bar



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
1/2"	CA/ZG-PP1/2	77	42	10	60
1/2"	CA/ZG-PP1/2-O*	77	42	9	54

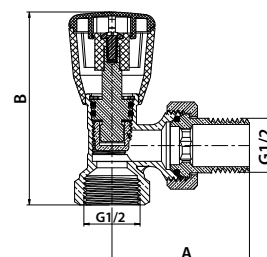
*Version with o-ring

ESKIMOS SERIES

MANUAL ANGLE VALVE
nickel

T max 110°C

PN 16 bar



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
1/2"	CA/ZG-ZK1/2	52	73	10	40
1/2"	CA/ZG-ZK1/2-O*	52	73	8	32

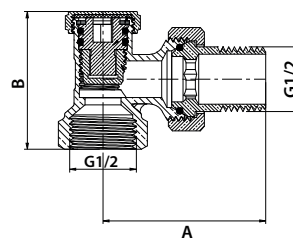
*Version with o-ring

ESKIMOS SERIES

RETURN ANGLE VALVE
nickel

T max 110°C

PN 16 bar



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
1/2"	CA/ZG-PK1/2	52	44	10	60
1/2"	CA/ZG-PK1/2-O*	52	44	9	54

*Version with o-ring

RADIATOR VALVES WITH PRESS-IN CONNECTORS FOR PE 16X2.0 AND CU 15 MM PIPES

O-RINGS CAN BE CHANGED WITHOUT DRAINING THE WATER FROM THE INSTALLATION

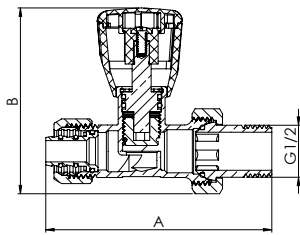
ESKIMOS SERIES

MANUAL STRAIGHT VALVE

nickel

valve: **T max** 95°C, **PN** 16 bar

connector: **T max** 95°C, **PN** 10 bar



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
1/2" x 16 x 2,0	CA/ZG-ZPPEX1/2X16	89	73	9	36
1/2" x 15	CA/ZG-ZPCU1/2X15*	86	73	9	36

*Version with press-fit connection for pipes Cu 15mm

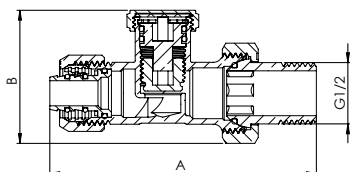
ESKIMOS SERIES

RETURN STRAIGHT VALVE

nickel

valve: **T max** 95°C, **PN** 16 bar

connector: **T max** 95°C, **PN** 10 bar



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
1/2" x 16 x 2,0	CA/ZG-PPPEX1/2X16	89	44	9	54
1/2" x 16 x 2,0	CA/ZG-PPPEX-O**	89	43	9	54
1/2" x 15	CA/ZG-PPCU1/2X15*	86	44	9	54

*Version with press-fit connection for pipes Cu 15mm **Version with o-ring

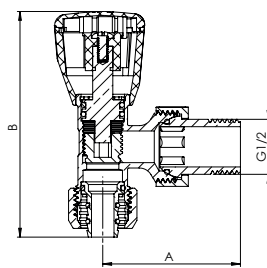
ESKIMOS SERIES

MANUAL ANGLE VALVE

nickel

valve: **T max** 95°C, **PN** 16 bar

connector: **T max** 95°C, **PN** 10 bar



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
1/2"16 x 2,0	CA/ZG-ZKPEX1/2X16	52	84	8	32
1/2" x 15	CA/ZG-ZKCU1/2X15*	52	82	8	32

*Version with press-fit connection for pipes Cu 15mm

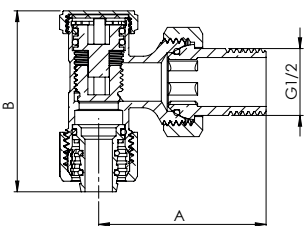
ESKIMOS SERIES

RETURN ANGLE VALVE

nickel

valve: **T max** 95°C, **PN** 16 bar

connector: **T max** 95°C, **PN** 10 bar



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
1/2"16 x 2,0	CA/ZG-PKPEX1/2X16	52	55	14	56
1/2" x 16 x 2,0	CA/ZG-PKPEX-O**	64	55	14	56
1/2" x 15	CA/ZG-PKCu1/2X15*	52	53	14	56

*Version with press-fit connection for pipes Cu 15mm **Version with o-ring

THERMOSTATIC RADIATOR VALVES WITH INITIAL SETTING

ESKIMOS SERIES

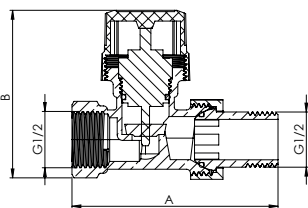
THERMOSTATIC STRAIGHT VALVE WITH INITIAL SETTING

nickel

T max 120°C

PN 10 bar

head thread M30x1,5



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
1/2"	CA/ZGT-ZP-NW	77	62	8	80
1/2"	CA/ZGT-ZP-NW-O*	77	62	8	80

*Version with o-ring

ESKIMOS SERIES

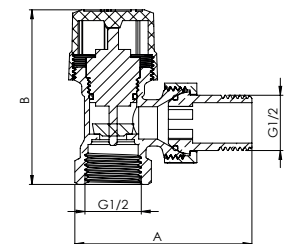
THERMOSTATIC ANGLE VALVE WITH INITIAL SETTING

nickel

T max 120°C

PN 10 bar

head thread M30x1,5



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
1/2"	CA/ZGT-ZK-NW	66	65	8	80
1/2"	CA/ZGT-ZK-NW-O*	66	65	8	80

*Version with o-ring

ESKIMOS SERIES

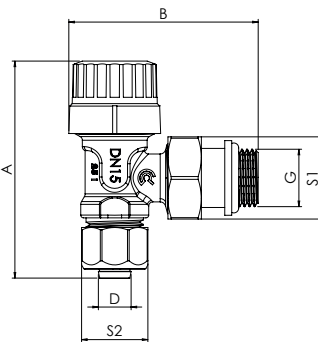
RADIATOR VALVE, THERMOSTATIC, SUPPLY, ANGLE, WITH PRE-SETTING, PEX ADAPTER AND O-RING

nickel

T max 95°C

PN 10 bar

head thread M30x1,5



size	code	dimensions						pcs / pack	pcs / box
		G	A [mm]	B [mm]	D [mm]	S1 [mm]	S2 [mm]		
1/2"x 16 x 2,0	CA/ZGT-ZKPEX-O	1/2"	78	68	11,8	30	24	10	40

ESKIMOS SERIES

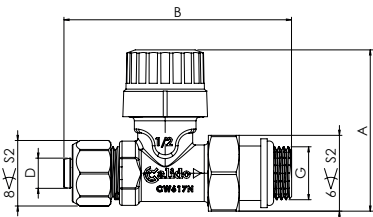
RADIATOR VALVE, THERMOSTATIC, SUPPLY, STRAIGHT, WITH PRE-SETTING ADAPTER TO PEX AND O-RING

nickel

T max 95°C

PN 10 bar

head thread M30x1,5



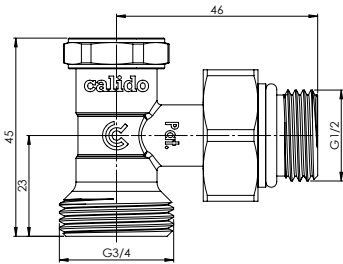
size	code	dimensions						pcs / pack	pcs / box
		G	A [mm]	B [mm]	D [mm]	S1 [mm]	S2 [mm]		
1/2" x 16 x 2,0	CA/ZGT-ZPPEX-O	1/2"	63	88,5	11,8	30	26	8	32

BOTTOM RADIATOR CONNECTORS

O-RINGS CAN BE CHANGED WITHOUT DRAINING THE WATER FROM THE INSTALLATION

ESKIMOS SERIES

ANGLE, WITH NIPPLES, BRIDGELESS
adjustment with 6 mm hex key
T max 110°C
PN 16 bar



size	code	pcs / pack	pcs / box
3/4" x 1/2"	CA/ZG-PGK1/2	1 set	32



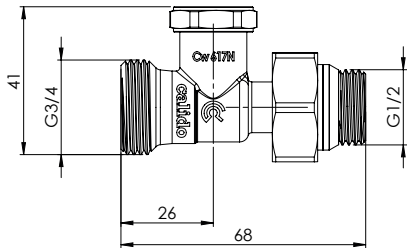
REPLACEABLE O-RINGS

ADJUSTMENT WITH 6MM HEX KEY

MONOLITHIC BODY

ESKIMOS SERIES

STRAIGHT, WITH NIPPLES, BRIDGELESS
adjustment with 6 mm hex key
T max 110°C
PN 16 bar



size	code	pcs / pack	pcs / box
3/4" x 1/2"	CA/ZG-PGP1/2	1 set	32



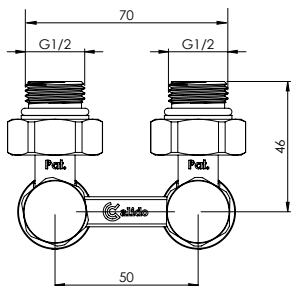
REPLACEABLE O-RINGS

ADJUSTMENT WITH 6MM HEX KEY

MONOLITHIC BODY

ESKIMOS SERIES

ANGLE, WITH NIPPLES
adjustment with 6 mm hex key
T max 110°C
PN 10 bar
Kv 2,11 m³/h



size	code	pcs / pack	pcs / box
3/4" x 1/2"	CA/ZG-PGMK1/2	1	50



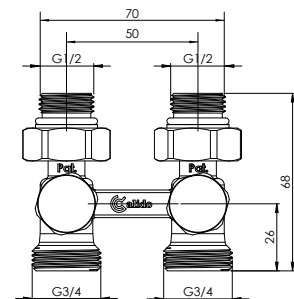
REPLACEABLE O-RINGS

ADJUSTMENT WITH 6MM HEX KEY

MONOLITHIC BODY

ESKIMOS SERIES

STRAIGHT, WITH NIPPLES
adjustment with 6 mm hex key
T max 110°C
PN 10 bar
Kv 1,58 m³/h



size	code	pcs / pack	pcs / box
3/4" x 1/2"	CA/ZG-PGMP1/2	1	50



REPLACEABLE O-RINGS

ADJUSTMENT WITH 6MM HEX KEY

MONOLITHIC BODY

CONNECTORS FOR CU PIPES

COPPER PIPE CONNECTOR

T max 95°C
PN 10 bar



size	code	pcs / pack	pcs / box
15 x 1/2"	CA/ZG-A-PCU15X1/2	1	250

CONNECTORS FOR PE PIPES 16 X 2.0

PEX PIPE CONNECTOR

T max 95°C
PN 10 bar



size	code	pcs / box	pcs / box
16 x 2,0 x 1/2"	CA/ZG-A-PPEX1/2	1	250

PEX PIPE CONNECTOR

T max 95°C
PN 10 bar



size	code	pcs / box	pcs / box
16 x 2,0 x 3/4"	D/S-Z-PPEX16X3/4	1	40

PEX PIPE CONNECTOR

T max 95°C
PN 10 bar



size	code	pcs / box	pcs / box
16 x 2,0 x 3/4"	D/S-Z-PPEX-40-16X3/4	1	250

THERMOSTATIC HEADS

BIANCA

THERMOSTATIC HEAD
temperature control range 6-28°C,
working medium: liquid



size	code	pcs / pack	pcs / box
M30 x 1,5	CA/ZG-GT-BIANCA	1	50

THERMOSTATIC KITS

ANGLE KIT BIANCA

- BIANCA M30x1.5 thermostatic head (temperature control range 6-28°C)
- thermostatic valve, angle, 1/2" with initial setting
- return valve, angle 1/2"

T max 110°C
PN 10 bar



code	pcs / pack	pcs / box
CA/ZGT-ZTK-BIANCA	1	40

STRAIGHT KIT BIANCA

- BIANCA M30x1.5 thermostatic head (temperature control range 6-28°C)
- thermostatic valve, straight, 1/2" with initial setting
- return valve, straight 1/2"

T max 110°C
PN 10 bar



code	pcs / pack	pcs / box
CA/ZGT-ZTP-BIANCA	1	36

BIANCA ANGLE SET WITH PEX ADAPTER

- BIANCA thermostatic head M30x1.5 (temperature adjustment range 6-28°C)
- thermostatic supply valve, straight 1/2" with presetting
- return valve, 1/2" angle
- half-fittings with O-ring
- connection for PEX pipe 16x2.0 mm

T max 95°C
PN 10 bar



code	pcs / pack	pcs / box
CA/ZGT-ZTKPEX-BIANCA	1	40

BIANCA STRAIGHT SET WITH PEX ADAPTER

- BIANCA M30x1.5 thermostatic head (temperature adjustment range 6-28°C)
- thermostatic supply valve, straight 1/2" with presetting
- return valve, straight 1/2"
- half-fittings with O-ring

T max 95°C
PN 10 bar

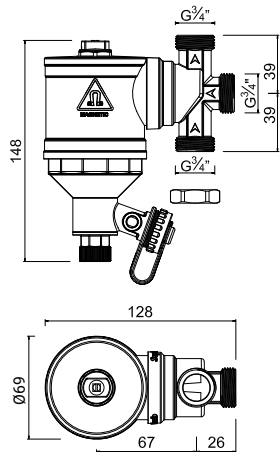


code	pcs / pack	pcs / box
CA/ZGT-ZTPPEX-BIANCA	1	40

FILTERS AND SEPARATORS

MAGNETIC SEPARATOR WITH FILTER AND SEDIMENTATION VESSEL

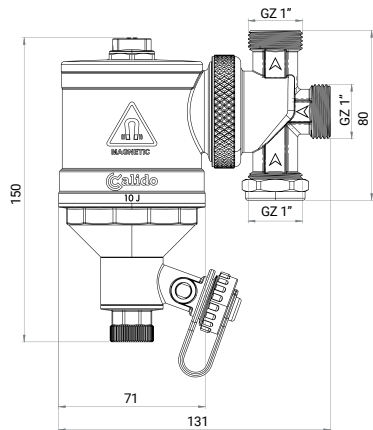
P max 10 bar
T max 110°C
Magnetic power: 11 000 Gauss
Strainer mesh size 500 µm
Magnet type: neodymium
Acceptable liquids water and water solution with glycol at a maximum concentration of 40%



size	Flow rate Kv (m³/h)	code	pcs / pack	pcs / box
3/4"	3,65	CA/FOM-20	1	16

MAGNETIC SEPARATOR WITH FILTER, SEDIMENTATION VESSEL AND NUT

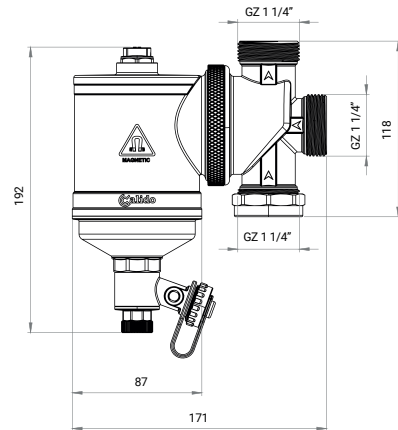
P max 10 bar
T max 110°C
Magnetic power: 11 000 Gauss
Strainer mesh size 500 µm
Magnet type: neodymium
Acceptable liquids water and water solution with glycol at a maximum concentration of 40%



size	Flow rate Kv (m³/h)	code	pcs / pack	pcs / box
1"	5,8	CA/FOMN-25	1	10

MAGNETIC SEPARATOR WITH FILTER, SEDIMENTATION VESSEL AND NUT

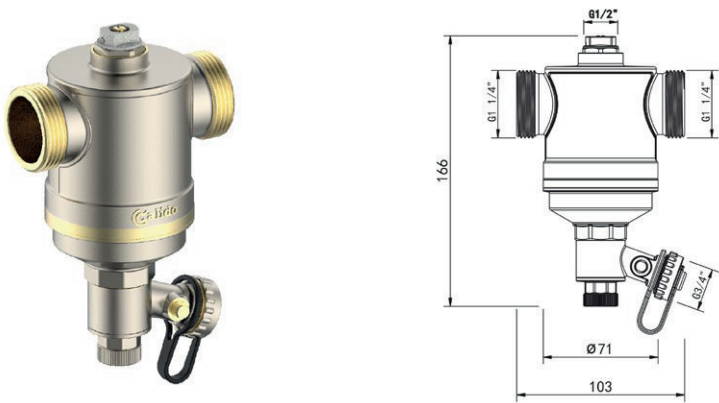
P max 10 bar
T max 110°C
Magnetic power 11 000 Gaus
Strainer mesh size 500 µm
Magnet type: neodymium
Acceptable liquids water and water solution with glycol at a maximum concentration of 40%



size	Flow rate Kv (m³/h)	code	pcs / pack	pcs / box
1 1/4"	16,9	CA/FOMN-32	1	16

MAGNETIC SEPARATOR FOR HORIZONTAL MOUNTING WITH SPIRAL MESH AND MAGNETIC INSERT

P max 10 bar
T max 110°C
Magnetic power 11 000 Gaus
Magnet type: neodymium
Body material: brass
Acceptable liquids water and water solution with glycol at a maximum concentration of 40%



size	Flow rate Kv (m³/h)	code	pcs / pack	pcs / box
1 1/4"	25,8	CA/FOMT-32	1	16

SET: MAGNETIC SEPARATOR FOR HORIZONTAL MOUNTING + S30 VALVES

- The set includes:
- magnetic separator 1 1/4" for horizontal installation, with spiral mesh and magnetic insert
 - 2 x 1 1/4" Calido S30 ball valve with a movable nut F-M with a butterfly handle
 - 2 pcs of seals



code	set
CA-PAKIET-SEPARAT.32	1

SET: MAGNETIC SEPARATOR WITH FILTER, SEDIMENTATION VESSEL AND NUT + S30 VALVES

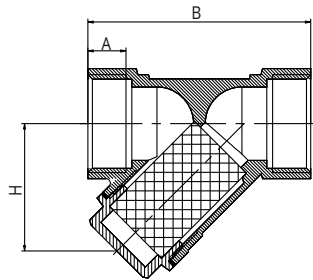
- The set includes:
- magnetic separator 1 1/4" with sedimentation vessel and magnetic insert
 - 2 x 1 1/4" Calido S30 ball valve with a movable nut F-M with a butterfly handle
 - 2 pcs of seals



code	set
CA-PAKIET-FOMN32	1

ANGLE FILTER

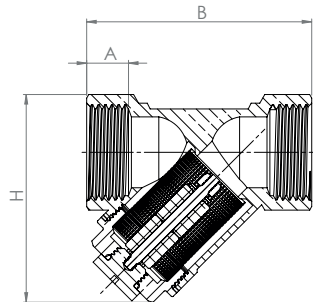
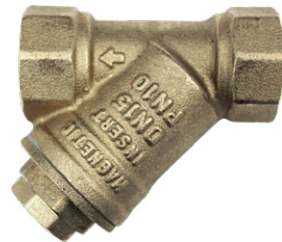
filter mesh: 40 holes/cm²
T max 130°C
PN 16 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	H (mm)		
1/2"	CA/FSW-15	12	57	30	16	160
3/4"	CA/FSW-20	13	67	38	10	80
1"	CA/FSW-25	14	76	46	8	64
1 1/4"	CA/FSW-32	16	98	52	4	32
1 1/2"	CA/FSW-40	18	104	58	4	24
2"	CA/FSW-50	19	127	73	2	24

ANGLE FILTER WITH MAGNETIC INSERT

filter mesh: 40 holes/cm²
magnetic cartridge
T max 120°C
PN 10 bar



size	code	dimensions			pcs / pack	pcs / box
		A (mm)	B (mm)	H (mm)		
1/2"	CA/FMS-15	12	57	53	12	120
3/4"	CA/FMS-20	13	67	64	9	72
1"	CA/FMS-25	14	76	72	5	50

2

Connection hoses



KARBO Connection hoses 3/8" F
Duro by Tucai

- Minimum bend radius: 10 mm
- Stainless steel connections
- Corrosion-resistant nylon braiding
- Product use: drinking water installations
- 10 year warranty

Hose type	Working temperature	Nominal pressure	Flow (at 3 bar)
KARBO	70°C	10 bar	28 l/min

FLEXIBLE HOSE KARBO IN NYLON BRAIDING, INTERNAL HOSE PE-RT, Q=28 l/min

KARBO 3/8" x 3/8" F/F 8 mm int. diam.



length (mm)	code	pcs / pack	pcs / box
200	DFK-300702	10	100
300	DFK-300704	10	100
400	DFK-300706	10	100
500	DFK-300656	10	100
600	DFK-300657	10	100
800	DFK-301248	10	100
1000	DFK-300758	10	100

KARBO 3/8" x 3/8" F/M 8 mm int. diam.



length (mm)	code	pcs / pack	pcs / box
200	DFK-300720	10	100
300	DFK-300722	10	100
400	DFK-300724	10	100
500	DFK-300662	10	100

KARBO 3/8" x 1/2" F/F 8 mm int. diam.



length (mm)	code	pcs / pack	pcs / box
200	DFK-300714	10	100
300	DFK-300716	10	100
400	DFK-300718	10	100
500	DFK-300660	10	100
600	DFK-300661	10	100
800	DFK-301421	10	100

KARBO 1/2" x 1/2" F/F 8 mm int. diam.



length (mm)	code	pcs / pack	pcs / box
200	DFK-300708	10	100
250	DFK-300709	10	100
300	DFK-300710	10	100
350	DFK-300711	10	100
400	DFK-300712	10	100
500	DFK-300658	10	100
600	DFK-300659	10	100
700	DFK-300748	10	100
800	DFK-301131	10	100
1000	DFK-300759	10	100
1200	DFK-303511	10	50
1500	DFK-300760	10	50

KARBO 3/8" F x M10 - 8 mm int. diam.



length (mm)	code	pcs / pack	pcs / box
300	DFK-302180	10	100
400	DFK-302181	10	100
500	DFK-302182	10	100
600	DFK-304753	10	100
800	DFK-304754	10	100
1000	DFK-304755	10	100

KARBO 1/2" F x M10 - 8 mm int. diam.



length (mm)	code	pcs / pack	pcs / box
400	DFK-304919	10	100
500	DFK-304804	10	100
600	DFK-304805	10	100
800	DFK-304882	10	100

3

Brass fittings



- Construction allowing for 5° aberration from the axis of fitting
- Durable internal hexagonal spline
- The round shape of the nipple head allowing for sealing on the fitting slot

BRASS FITTINGS

CHARACTERISTICS
OF THREADED / SOLDERED BRASS FITTINGS

PARAMETERS FOR WATER, GLYCOL, COMPRESSED AIR

WORKING TEMPERATURE

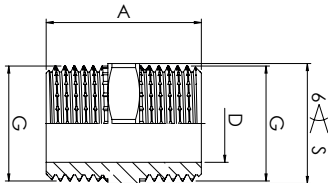
Tmin=10°C
Tmax=110°C

NOMINAL PRESSURE

16 bar

THREADED BRASS FITTINGS

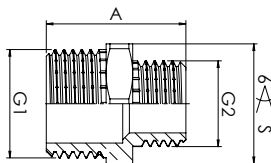
NIPPLE M-M



size	code	dimensions				pcs / pack	pcs / box
		G	A [mm]	S [mm]	D [mm]		
1/4"	CA/KM-280-8	1/4"	19	14	8,5	5	1700
3/8"	CA/KM-280-10	3/8"	22	17	11	5	700
1/2"	CA/KM-280-15	1/2"	26	22	15	5	450
1/2"	CA/KM-280-15-PU**	1/2"	36	22	13	5	350
1/2"	CA/KM-280-15-D*	1/2"	36	22	16	5	400
3/4"	CA/KM-280-20	3/4"	28	27	20,5	5	240
3/4"	CA/KM-280-20-PU**	3/4"	38	27	17	5	240
3/4"	CA/KM-280-20-D*	3/4"	38	27	20,5	5	250
1"	CA/KM-280-25	1"	30	34	26	5	170
1"	CA/KM-280-25-PU**	1"	43	34	23	5	100
1"	CA/KM-280-25-D*	1"	43	34	43	5	150
1 1/4"	CA/KM-280-32	1 1/4"	35	43	35	5	100

*Long version, ** Flat gasket version

REDUCING NIPPLE M-M



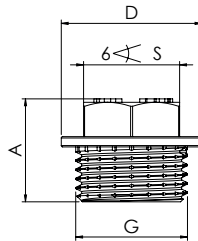
size	code	dimensions				pcs / pack	pcs / box
		G1	G2	A [mm]	S [mm]		
1/4" x 3/8"	CA/KM-245-108	3/8"	1/4"	21	18	5	700
1/4" x 1/2"	CA/KM-245-158	1/2"	1/4"	23	22	5	550
3/8" x 1/2"	CA/KM-245-1510	1/2"	3/8"	24,5	22	5	500
3/4" x 1/2"	CA/KM-245-2015	3/4"	1/2"	29	27	5	300
1/2" x 1"	CA/KM-245-2515	1"	1/2"	29	33	5	160
3/4" x 1"	CA/KM-245-2520	1"	3/4"	31	33	5	200
1-1/4"x1"	CA/KM-245-3225	1 1/4"	1"	37	43	5	170

REDUCING NIPPLE M-M WITH O-RING
FOR MANIFOLD



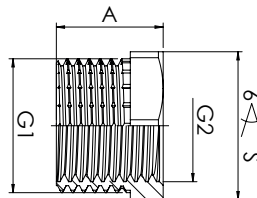
size	code	pcs / pack	pcs / box
3/4" x 1/2"	CA/KG-00420x15-O	5	400

PLUG M



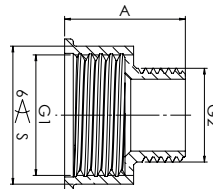
size	code	dimensions			pcs / pack	pcs / box
		A (mm)	S	D		
3/8"	CA/KM-290-10	15	14	20,5	5	700
1/2"	CA/KM-290-15	17,5	17	25	5	600
3/4"	CA/KM-290-20	19	19	30	5	400
1"	CA/KM-290-25	21,5	22	37	5	250

REDUCTION M/F



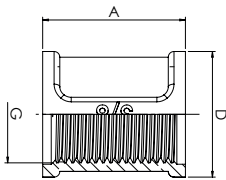
size	code	dimensions				pcs / pack	pcs / box
		G1	G2	A [mm]	S [mm]		
1/2"GZ x 1/4"F	CA/KM-241-158	1/2"	1/4"	16	22	5	600
1/2"GZ x 3/8"F	CA/KM-241-1510	1/2"	3/8"	16	22	5	400
1"GZ x 1/2"F	CA/KM-241-2015	3/4"	1/2"	16	27	5	600
3/4"GZ x 1/2"F	CA/KM-241-2515	1"	1/2"	18	34	5	200
1"GZ x 3/4"F	CA/KM-241-2520	1"	3/4"	18	34	5	400

NIPPLE-COUPLER REDUCER M-F



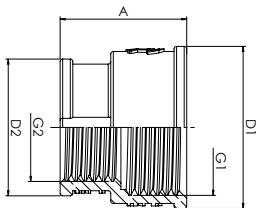
size	code	dimensions				pcs / pack	pcs / box
		G1	G2	A [mm]	S [mm]		
1/2"F x 3/8"GZ	CA/KM-246-1510	1/2"	3/8"	21	24	5	800
3/4"F x 1/2"GZ	CA/KM-246-2015	3/4"	1/2"	25	29,6	5	450
1/2"F x 1"GZ	CA/KM-246-2515	1"	1/2"	26,5	37	5	200
1"F x 3/4"GZ	CA/KM-246-2520	1"	3/4"	26	37	5	280
1 1/4"F x 1"GZ	CA/KM-246-3225	1"	1 1/4"	32	46	5	170

MUFF F-F



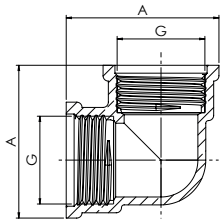
size	code	dimensions			pcs / pack	pcs / box
		G	A [mm]	D [mm]		
3/8"	CA/KM-270-10	3/8"	25	22	5	400
1/2"	CA/KM-270-15	1/2"	28	26	5	330
3/4"	CA/KM-270-20	3/4"	34	32	5	150
1"	CA/KM-270-25	1"	39	39	5	100

REDUCING MUFF F-F



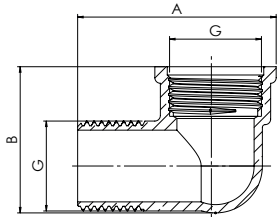
size	code	dimensions					pcs / pack	pcs / box
		G1	G2	A	D1	D2		
1/2" x 3/8"	CA/KM-240-1510	1/2"	3/8"	24	28	23	5	450
3/4" x 1/2"	CA/KM-240-2015	3/4"	1/2"	25	32	27	5	250
1" x 1/2"	CA/KM-240-2515	1"	1/2"	32	39	27	5	250
1" x 3/4"	CA/KM-240-2520	1"	3/4"	28	39	32	5	150

ELBOW F-F



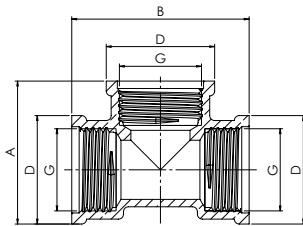
size	code	dimensions		pcs / pack	pcs / box
		G	A (mm)		
3/8"	CA/KM-90-10	3/8"	29	5	300
1/2"	CA/KM-90-15	1/2"	35	5	200
3/4"	CA/KM-90-20	3/4"	43	5	110
1"	CA/KM-90-25	1"	50	5	80

ELBOW F-M



size	code	dimensions		pcs / pack	pcs / box
		A (mm)	B (mm)		
3/8"	CA/KM-92-10	36	26	5	400
1/2"	CA/KM-92-15	43,5	32	5	250
3/4"	CA/KM-92-20	51	39,5	5	110
1"	CA/KM-92-25	60	46,5	5	70

TEE F-F-F



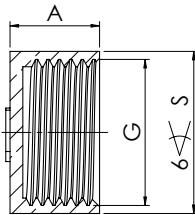
size	code	dimensions				pcs / pack	pcs / box
		G	A [mm]	B [mm]	D [mm]		
3/8"	CA/KM-130-10	3/8"	29	36	22	5	250
1/2"	CA/KM-130-15	1/2"	33,5	40	27	5	150
3/4"	CA/KM-130-20	3/4"	41,5	50	33	5	100
1"	CA/KM-130-25	1"	50	60	40	5	50

REDUCTION TEE F-F-F



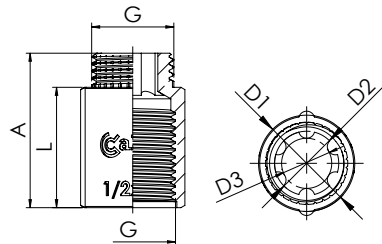
size	code	pcs / pack	pcs / box
3/4" x 1/2" x 3/4"	CA/KM-130R-201520	5	100
1" x 1/2" x 1"	CA/KM-130R-251525	5	70
1" x 3/4" x 1"	CA/KM-130R-252025	5	65

STOPPER F



size	code	dimensions			pcs / pack	pcs / box
		G	A	S		
3/8"	CA/KM-300-10	3/8"	10,5	19	5	1000
1/2"	CA/KM-300-15	1/2"	13	24	5	780
3/4"	CA/KM-300-20	3/4"	14	30	5	450
1"	CA/KM-300-25	1"	16	37	5	320

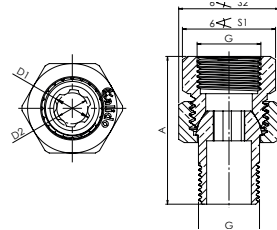
EXTENSION M-F



size	code	dimensions						pcs / pack	pcs / box
		G	L	A	D1	D2	D3		
1/2"x10	CA/KM-760-15-L10	1/2"	10	18,5	24	16	12,5	5	700
1/2"x15	CA/KM-760-15-L15	1/2"	15	23,5	24	16	12,5	5	600
1/2"x20	CA/KM-760-15-L20	1/2"	20	28,5	24	16	12,5	5	500
1/2"x25	CA/KM-760-15-L25	1/2"	25	33,5	24	16	12,5	5	400
1/2"x30	CA/KM-760-15-L30	1/2"	30	38,5	24	16	12,5	5	400
1/2"x40	CA/KM-760-15-L40	1/2"	40	48,5	24	16	12,5	5	300
1/2"x50	CA/KM-760-15-L50	1/2"	50	58,5	24	16	12,5	5	250
1/2"x60	CA/KM-760-15-L60	1/2"	60	68,5	24	16	12,5	5	120
1/2"x80	CA/KM-760-15-L80	1/2"	80	88,5	24	16	12,5	5	100
1/2"x100	CA/KM-760-15-L100	1/2"	100	108,5	24	16	12,5	5	80
1/2"x10	CA/KM-760S-15-L10*	1/2"	10	18,5	24	16	12,5	5	400
1/2"x15	CA/KM-760S-15-L15*	1/2"	15	23,5	24	16	12,5	5	350
1/2"x20	CA/KM-760S-15-L20*	1/2"	20	28,5	24	16	12,5	5	300
1/2"x25	CA/KM-760S-15-L25*	1/2"	25	33,5	24	16	12,5	5	300
1/2"x30	CA/KM-760S-15-L30*	1/2"	30	38,5	24	16	12,5	5	250
1/2"x40	CA/KM-760S-15-L40*	1/2"	40	48,5	24	16	12,5	5	200
1/2"x50	CA/KM-760S-15-L50*	1/2"	50	58,5	24	16	12,5	5	150
1/2"x60	CA/KM-760S-15-L60*	1/2"	30	68,5	24	16	12,5	5	100
1/2"x80	CA/KM-760S-15-L80*	1/2"	80	88,5	24	16	12,5	5	80
1/2"x100	CA/KM-760S-15-L100*	1/2"	100	108,5	24	16	12,5	5	60
3/4"x10	CA/KM-760-20-L10	3/4"	10	20	31	20	17,2	5	500
3/4"x15	CA/KM-760-20-L15	3/4"	15	25	31	20	17,2	5	400
3/4"x20	CA/KM-760-20-L20	3/4"	20	30	31	20	17,2	5	300
3/4"x25	CA/KM-760-20-L25	3/4"	25	35	31	20	17,2	5	250
3/4"x30	CA/KM-760-20-L30	3/4"	30	40	31	20	17,2	5	200
3/4"x40	CA/KM-760-20-L40	3/4"	40	50	31	20	17,2	5	180
3/4"x50	CA/KM-760-20-L50	3/4"	50	60	31	20	17,2	5	150
1"x10	CA/KM-760-25-L10	1"	10	20	38	25,5	22,2	5	300
1"x15	CA/KM-760-25-L15	1"	15	26	38	25,5	22,2	5	250
1"x20	CA/KM-760-25-L20	1"	20	31	38	25,5	22,2	5	200
1"x25	CA/KM-760-25-L25	1"	25	36	38	25,5	22,2	5	180
1"x30	CA/KM-760-25-L30	1"	30	41	38	25,5	22,2	5	150
1"x40	CA/KM-760-25-L40	1"	40	51	38	25,5	22,2	5	120
1"x50	CA/KM-760-25-L50	1"	50	61	38	25,5	22,2	5	100

* Reinforced version

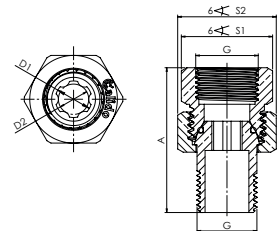
FITTING F-M



*ABERRATION FROM THE AXIS UP TO 5° POSSIBLE

size	code	dimensions						pcs / pack	pcs / box
		G	A [mm]	D1 [mm]	D2 [mm]	S1 [mm]	S2 [mm]		
3/8"	CA/KG-1010-S	3/8"	34,5	11,5	8,3	22	24,5	1	250
1/2"	CA/KG-9311-15*	1/2"	45,3	15	12,2	27	29,7	20	180
3/4"	CA/KG-9311-20*	3/4"	48	20	17,4	32	37	12	120
1"	CA/KG-9311-25*	1"	54	26	22,2	38	45,7	10	60
1 1/4"	CA/KG-9311-32*	1 1/4"	65	30	24,3	47	52	6	48
1 1/2"	CA/KG-9311-40*	1 1/2"	65	39,6	30,6	55	64	4	32
2"	CA/KG-9311-50*	2"	84	50	-	67	80	2	18

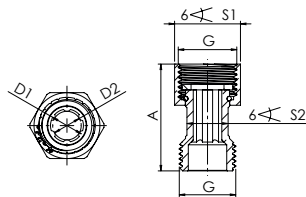
FITTING WITH O-RING F-M



*ABERRATION FROM THE AXIS UP TO 5° POSSIBLE

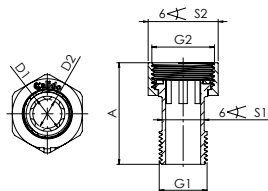
size	code	dimensions						pcs / pack	pcs / box
		G	A [mm]	D1 [mm]	D2 [mm]	S1 [mm]	S2 [mm]		
1/2"	CA/KG-9311-15-O	1/2"	45,3	15	12,2	27	29,7	20	180
3/4"	CA/KG-9311-20-O	3/4"	48	20	17,4	32	37	12	120
1"	CA/KG-9311-25-O	1"	54	26	22,2	38	45,7	10	80
1 1/4"	CA/KG-9311-32-O	1 1/4"	65	30	24,3	47	52	6	48
1 1/2"	CA/KG-9311-40-O	1 1/2"	65	39,6	30,6	55	64	4	32
2"	CA/KG-9311-50-O	2"	84	50	-	67	80	2	18

EQUAL FITTING F-M



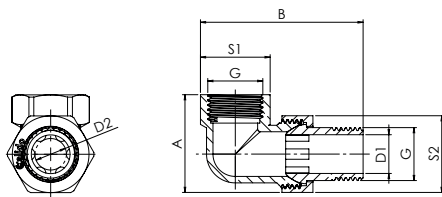
size	code	dimensions							pcs / pack	pcs / box
		G	A [mm]	C [mm]	D1 [mm]	D2 [mm]	S1 [mm]	S2 [mm]		
1/2"	CA/KG-1215-RP	1/2"	39	7,4	12	10,4	24	15	50	300
3/4"	CA/KG-1220-RP	3/4"	42	6,7	15	12,5	30	19	30	180
1"	CA/KG-1225-RP	1"	46	8,3	20	17,5	37	25	20	120

WATER METER FITTING F-M, SET OF 2 PCS



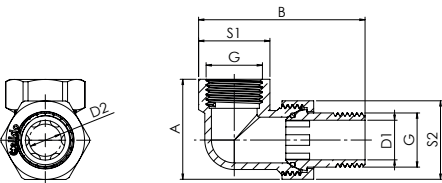
size	code	dimensions							pcs / pack	pcs / box
		G1	G2	A	D1	D2	S1	S2		
1/2"	CA/KG-703-15-KPL	1/2"	3/4"	43,5	15	12,4	18	30	15	135
3/4"	CA/KG-703-20-KPL	3/4"	1"	50,5	20	17,2	23	37	10	80
1"	CA/KG-703-25-KPL	1"	1 1/4"	56	26	22,4	30	46	5	50
1 1/4"	CA/KG-1232	1 1/4"	1 1/2"	66,5	31	24,6	-	53	1 kpl	25
1 1/2"	CA/KG-1240	1 1/2"	2"	74,5	36,5	29,3	-	63,5	1 kpl	10

ANGLE FITTING F-M



size	code	dimensions							pcs / pack	pcs / box
		G	A [mm]	B [mm]	D1 [mm]	D2 [mm]	S1 [mm]	S2 [mm]		
1/2"	CA/KG-9310-15	1/2"	38	63	15	12,2	27	29,7	1	15/120
3/4"	CA/KG-9310-20	3/4"	44,5	70	20	17,4	32	37	1	10/90
1"	CA/KG-9310-25	1"	56	81	26	22,2	38	45,7	1	6/54

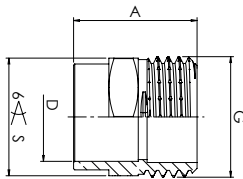
ANGLE FITTING WITH O-RING F-M



size	code	dimensions							pcs / pack	pcs / box
		G	A [mm]	B [mm]	D1 [mm]	D2 [mm]	S1 [mm]	S2 [mm]		
1/2"	CA/KG-9310-15-O	1/2"	38	63	15	12,2	27	29,7	1	15/120
3/4"	CA/KG-9310-20-O	3/4"	44,5	70	20	17,4	32	37	1	10/90
1"	CA/KG-9310-25-O	1"	56	81	26	22,2	38	45,7	1	6/54
1 1/4"	CA/KG-9310-32-O	1 1/4"	65	104	34	24,3	47	52	1	4/32
1 1/2"	CA/KG-9310-40-O	1 1/2"	72	115	39,6	30,7	55	64	1	3/24
2"	CA/KG-9310-50-O	2"	90	149	50	-	67	80	1	2/12

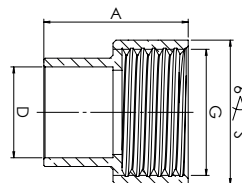
SOLDERED BRASS FITTINGS

NIPPLE Cu/M



size	code	dimensions				pcs / pack	pcs / box
		G	A [mm]	S [mm]	D [mm]		
15x1/2"	CA/KM-243GCU-1515	1/2"	21	20	15,1	5	450
18x1/2"	CA/KM-243GCU-1815	1/2"	25	21	18,1	5	400
22x1/2"	CA/KM-243GCU-2215	1/2"	27	25	22,1	5	350
18x3/4"	CA/KM-243GCU-1820	3/4"	25	26	18,1	5	300
22x3/4"	CA/KM-243GCU-2220	3/4"	27	26	22,1	5	300
28x3/4"	CA/KM-243GCU-2820	3/4"	31	36	28,2	5	250
22x1"	CA/KM-243GCU-2225	1"	27	34	22,1	5	200
28x1"	CA/KM-243GCU-2825	1"	28	34	28,1	5	170

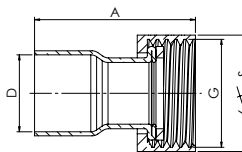
MUFF Cu/F



size	code	dimensions				pcs / pack	pcs / box
		A [mm]	S [mm]	D [mm]	G		
15 x 1/2"	CA/KM-270GCU-1515	24	24	15,1	1/2"	5	450
18 x 1/2"	CA/KM-270GCU-1815	26	24	18,1	1/2"	5	400
22 x 1/2"	CA/KM-270GCU-2215	27	25	22,1	1/2"	5	250
28 x 1"	CA/KM-270GCU-2825	28	37	28,1	1"	5	170

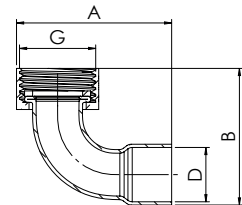
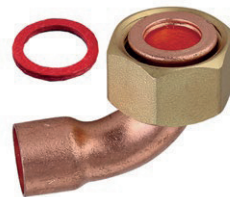
Cu TAP CONNECTORS WITH SWIVEL NUT

TAP CONNECTOR F/Cu



size	code	dimensions				pcs / pack	pcs / box
		G	A	D	S		
15 x 1/2"	CA/KM-ZB-15x1/2	1/2"	32	15,2	23	5	450
18 x 1/2"	CA/KM-ZB-18x1/2	1/2"	36	18,2	23	5	360
22 x 1/2"	CA/KM-ZB-22x1/2	1/2"	40	22,2	23	5	150
15 x 3/4"	CA/KM-ZB-15x3/4	3/4"	34	15,2	29	5	400
18 x 3/4"	CA/KM-ZB-18x3/4	3/4"	39	18,2	29	5	200
22 x 3/4"	CA/KM-ZB-22x3/4	3/4"	43	22,2	29	5	150
22 x 1"	CA/KM-ZB-22x1	1"	46	22,2	36	5	100
28 x 1"	CA/KM-ZB-28x1	1"	51	28,2	36	5	90

BENT TAP CONNECTOR F/Cu



size	code	dimensions				pcs / pack	pcs / box
		G	A [mm]	B [mm]	D [mm]		
15 x 1/2"	CA/KM-LB-15X1/2	1/2"	42	47	15,2	5	250
18 x 1/2"	CA/KM-LB-18X1/2	1/2"	46	48	18,2	5	200
22 x 1/2"	CA/KM-LB-22X1/2	1/2"	52	50	22,2	5	120
15 x 3/4"	CA/KM-LB-15X3/4	3/4"	50	46	15,2	5	200
18 x 3/4"	CA/KM-LB-18X3/4	3/4"	50	58	18,2	5	150
22 x 3/4"	CA/KM-LB-22X3/4	3/4"	52	60	22,2	5	120
22 x 1"	CA/KM-LB-22X1	1"	64	60	22,2	5	70
28 x 1"	CA/KM-LB-28X1	1"	70	68	28,2	5	250

CHROME PLATED BRASS FITTINGS

CHARACTERISTICS OF THREADED CHROME PLATED

PARAMETERS FOR WATER, GLYCOL, COMPRESSED AIR

WORKING TEMPERATURE	Tmin=10°C Tmax=110°C
NOMINAL PRESSURE	16 bar

MUFF F-F



size	code	pcs / pack	pcs / box
3/8"	CA/KC-27010	5	600
1/2"	CA/KC-27015	5	350
3/4"	CA/KC-27020	5	200

NIPPLE M-M



size	code	pcs / pack	pcs / box
3/8"	CA/KC-28010	5	1000
1/2"	CA/KC-28015	5	500
3/4"	CA/KC-28020	5	350

REDUCING NIPPLE M-M



size	code	pcs / pack	pcs / box
1/2" x 3/8"	CA/KC-2451510	5	650
3/4" x 1/2"	CA/KC-2452015	5	400

ELBOW F-F



size	code	pcs / pack	pcs / box
3/8"	CA/KC-9010	5	400
1/2"	CA/KC-9015	5	250
3/4"	CA/KC-9020	5	150

ELBOW F-M



size	code	pcs / pack	pcs / box
3/8"	CA/KC-9210	5	350
1/2"	CA/KC-9215	5	250
3/4"	CA/KC-9220	5	190

TEE F-F-F



size	code	pcs / pack	pcs / box
3/8"	CA/KC-13010	5	300
1/2"	CA/KC-13015	5	250
3/4"	CA/KC-13020	5	130

REDUCTION TEE F-F-F



size	code	pcs / pack	pcs / box
3/4"x1/2"x3/4"	CA/KC-130R201520	5	130

REDUCTION F-M



size	code	pcs / pack	pcs / box
1/2" x 3/8"	CA/KC-2411510	5	700
3/4" x 1/2"	CA/KC-2412015	5	500

PLUG M



size	code	pcs / pack	pcs / box
3/8"	CA/KC-29010	5	900
1/2"	CA/KC-29015	5	600
3/4"	CA/KC-29020	5	400

STOPPER F



size	code	pcs / pack	pcs / box
3/8"	CA/KC-30010	5	1000
1/2"	CA/KC-30015	5	780
3/4"	CA/KC-30020	5	450

EXTENSION M-F



size	code	pcs / pack	pcs / box
1/2"GZ x 1/2"F x 10	CA/KC-76015-10	5	550
1/2"GZ x 1/2"F x 15	CA/KC-76015-15	5	450
1/2"GZ x 1/2"F x 20	CA/KC-76015-20	5	360
1/2"GZ x 1/2"F x 25	CA/KC-76015-25	5	320
1/2"GZ x 1/2"F x 30	CA/KC-76015-30	5	250
1/2"GZ x 1/2"F x 40	CA/KC-76015-40	5	220
1/2"GZ x 1/2"F x 50	CA/KC-76015-50	5	180
3/4"GZ x 3/4"F x 10	CA/KC-76020-10	5	400
3/4"GZ x 3/4"F x 15	CA/KC-76020-15	5	350
3/4"GZ x 3/4"F x 20	CA/KC-76020-20	5	300
3/4"GZ x 3/4"F x 25	CA/KC-76020-25	5	250
3/4"GZ x 3/4"F x 30	CA/KC-76020-30	5	220
3/4"GZ x 3/4"F x 40	CA/KC-76020-40	5	170
3/4"GZ x 3/4"F x 50	CA/KC-76020-50	5	140

NIPPLE-MUFF REDUCER F-M



size	code	pcs / pack	pcs / box
1/2"F x 3/8"GZ	CA/KC-246R1510	5	500
3/4"F x 3/8"GZ	CA/KC-246R2010	5	450
3/4"F x 1/2"GZ	CA/KC-246R2015	5	400
1"F x 3/4"GZ	CA/KC-30625X20	10	150

PRESS CONNECTORS MADE OF COPPER AND COPPER ALLOYS FOR WATER

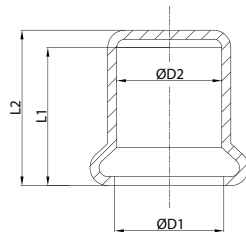
RECOMMENDED JAW PROFILE: M

CHARACTERISTICS OF COPPER PRESS FITTINGS FOR WATER

PARAMETERS FOR WATER, COMPRESSED AIR

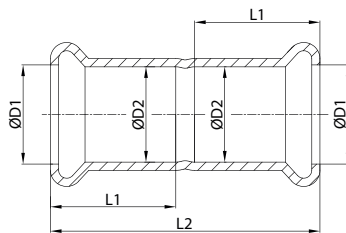
WORKING TEMPERATURE	Tmin=10°C (water) / 5°C (compressed air) Tmax=110°C (water) / 35°C (compressed air)
NOMINAL PRESSURE	16 bar (water) / 10 bar (compressed air)

STOPPER



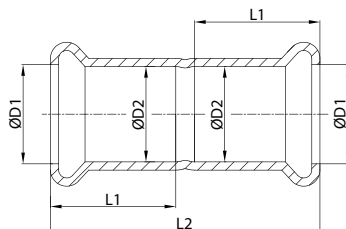
code	size	dimensions				pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)		
CA/ZM-300-15	15	15,8	15,2	20	22	10	120
CA/ZM-300-18	18	18,8	18,2	20	23	10	80
CA/ZM-300-22	22	22,8	22,2	21	24,5	10	50
CA/ZM-300-28	28	28,8	28,2	23	26,5	5	30

MUFF CLAMP / CLAMP



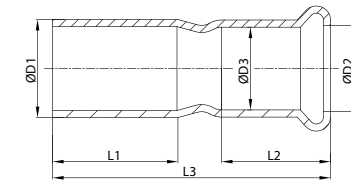
code	size	dimensions				pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)		
CA/ZM-270-15	15x15	15,8	15,2	20	43	10	150
CA/ZM-270-18	18x18	18,8	18,2	20	42	10	120
CA/ZM-270-22	22x22	22,8	22,2	21	44	10	80
CA/ZM-270-28	28x28	28,8	28,2	23	48	10	50
CA/ZM-270-35	35x35	35,9	35,3	26	55	4	24

MUFF SLIDING CLAMP / CLAMP



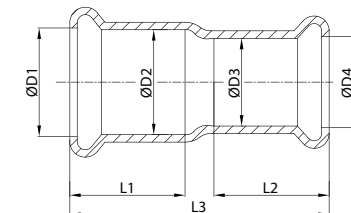
code	size	dimensions			pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)		
CA/ZM-271-15	15x15	15,8	15,2	80	10	100
CA/ZM-271-18	18x18	18,8	18,2	80	10	60
CA/ZM-271-22	22x22	22,8	22,2	80	10	50
CA/ZM-271-28	28x28	28,8	28,2	90	10	30
CA/ZM-271-35	35x35	35,9	35,3	102	10	20

REDUCTION TIGHTENING NIPPLE / Cu



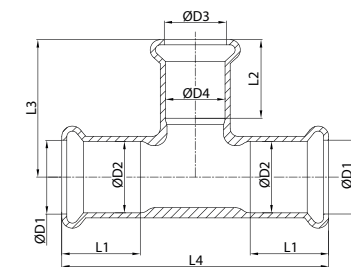
code	size	dimensions						pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	ØD3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)		
CA/ZM-245-1815	18x15	18	15,2	15,2	23	20	51	10	120
CA/ZM-245-2215	22x15	22	15,2	15,2	24	20	50	10	120
CA/ZM-245-2218	22x18	22	15,2	15,2	24	20	50	10	100
CA/ZM-245-2815	28x15	28	15,2	15,2	27	20	55	10	80
CA/ZM-245-2818	28x18	28	15,2	15,2	27	20	54	10	80
CA/ZM-245-2822	28x22	28	15,2	15,2	27	21	53	10	60
CA/ZM-245-3522	35x22	35	15,2	15,2	30	21	60	10	40
CA/ZM-245-3528	35x28	35	15,2	15,2	30	23	59	4	36

MUFF REDUCTION CLAMP / CLAMP



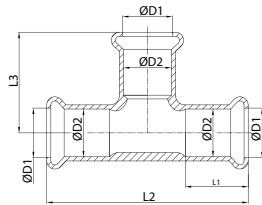
code	size	dimensions							pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	ØD3 (mm)	ØD4 (mm)	L1 (mm)	L2 (mm)	L3 (mm)		
CA/ZM-240-1815	18x15	18,8	18,2	15,2	15,8	20	20	45	10	120
CA/ZM-240-2215	22x15	22,8	22,2	15,2	15,8	21	20	46,5	10	120
CA/ZM-240-2218	22x18	22,8	22,2	18,2	18,8	21	20	46,5	10	100
CA/ZM-240-2815	28x15	28,8	28,2	15,2	15,8	23	20	53	10	80
CA/ZM-240-2818	28x18	28,8	28,2	18,2	18,8	23	20	51,5	10	80
CA/ZM-240-2822	28x22	28,8	28,2	22,2	22,8	23	21	50,5	10	60
CA/ZM-240-3515	35x15	35,9	35,3	15,2	15,8	26	20	60,5	10	40
CA/ZM-240-3522	35x22	35,9	35,3	22,2	22,8	26	21	57	10	40
CA/ZM-240-3528	35x28	35,9	35,3	28,2	28,8	26	23	56	4	24

REDUCING TEE CLAMP



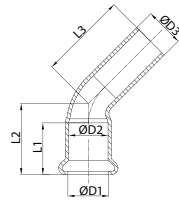
code	size	dimensions								pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	ØD3 (mm)	ØD4 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)		
CA/ZM-130R-181518	18x15x18	18,8	18,2	15,8	15,2	20	20	35	68	10	60
CA/ZM-130R-221522	22x15x22	22,8	22,2	15,8	15,2	21	20	38	74	10	40
CA/ZM-130R-221822	22x18x22	22,8	22,2	18,8	18,2	21	20	38	74	10	40
CA/ZM-130R-281528	28x15x28	28,8	28,2	15,8	15,2	23	20	40,5	84	10	30
CA/ZM-130R-281828	28x18x28	28,8	28,2	18,8	18,2	23	20	40,5	84	10	30
CA/ZM-130R-282222	28x22x22	28,8	28,2	22,8	22,2	23	21	41	84,5	5	20
CA/ZM-130R-282228	28x22x28	28,8	28,2	22,8	22,2	23	21	41	84	10	30
CA/ZM-130R-351535	35x15x35	35,9	35,3	15,8	15,2	26	20	44	90	4	16
CA/ZM-130R-352235	35x22x35	35,9	35,3	22,8	22,2	26	21	45	90	4	16
CA/ZM-130R-352835	35x28x35	35,9	35,3	28,8	28,2	26	23	44	100	4	16

TEE



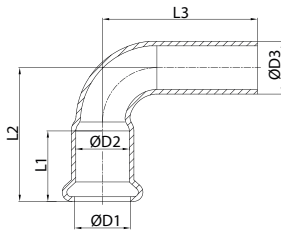
code	size	dimensions					pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)		
CA/ZM-130-15	15	15,8	15,2	20	64	32	10	80
CA/ZM-130-18	18	18,8	18,2	20	68	34	10	60
CA/ZM-130-22	22	22,8	22,2	21	74	37	10	40
CA/ZM-130-28	28	28,8	28,2	23	84	42	4	24
CA/ZM-130-35	35	35,9	35,3	26	100	50	2	12

45° NIPPLE ARCH Cu



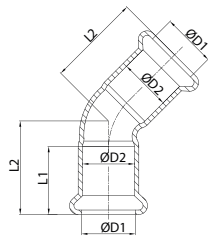
code	size	dimensions					pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	ØD3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	
CA/ZM-40-15	15	15,8	15,2	15	20	27,5	34	120
CA/ZM-40-18	18	18,8	18,2	18	20	29	37	100
CA/ZM-40-22	22	22,8	22,2	22	21	32	42	60
CA/ZM-40-28	28	28,8	28,2	28	23	37	45,4	30
CA/ZM-40-35	35	35,9	35,3	35	26	43,5	58	20

NIPPLE ARCH 90° Cu



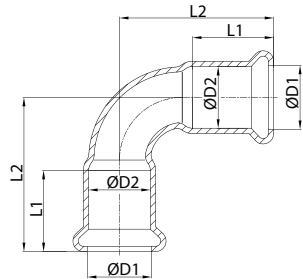
code	size	dimensions					pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	ØD3 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	
CA/ZM-1-15	15	15,8	15,2	15	20	38	44	120
CA/ZM-1-18	18	18,8	18,2	18	20	41,6	50	80
CA/ZM-1-22	22	22,8	22,2	22	21	47,4	58	50
CA/ZM-1-28	28	28,8	28,2	28	23	56,6	65	30
CA/ZM-1-35	35	35,9	35,3	35	26	68	82	12

ARCH 45° CLAMP / CLAMP



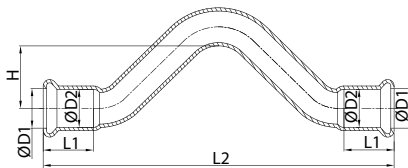
code	size	dimensions				pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)		
CA/ZM-41-15	15	15,8	15,2	20	27,5	10	120
CA/ZM-41-18	18	18,8	18,2	20	29	10	100
CA/ZM-41-22	22	22,8	22,2	21	32	10	60
CA/ZM-41-28	28	28,8	28,2	23	37	5	30
CA/ZM-41-35	35	35,9	35,3	26	43,5	4	20

ARCH 90° CLAMP / CLAMP



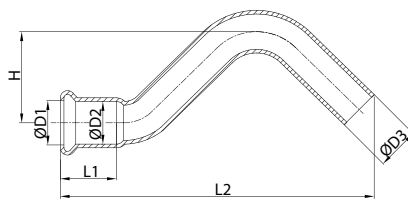
code	size	dimensions				pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)		
CA/ZM-2-15	15	15,8	15,2	20	38	10	120
CA/ZM-2-18	18	18,8	18,2	20	41,6	10	80
CA/ZM-2-22	22	22,8	22,2	21	47,4	10	50
CA/ZM-2-28	28	28,8	28,2	23	56,6	5	30
CA/ZM-2-35	35	35,9	35,3	26	68	2	12

CROSSOVER CLAMP/ CLAMP



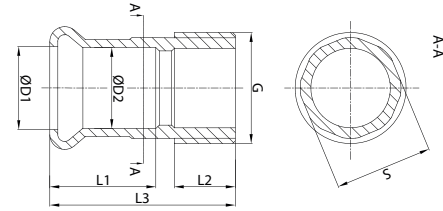
code	size	dimensions				pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)		
CA/ZM-85-15	15	15,8	15,2	20	140	10	40
CA/ZM-85-18	18	18,8	18,2	20	152	10	30
CA/ZM-85-22	22	22,8	22,2	21	172	5	20

CROSSOVER NIPPLE CLAMP / Cu



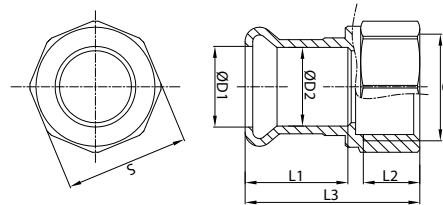
code	size	dimensions						pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	ØD3 (mm)	L1 (mm)	L2 (mm)	H (mm)		
CA/ZM-86-15	15	15,8	15,2	15	20	140	32,5	10	40
CA/ZM-86-18	18	18,8	18,2	18	20	152	34	10	30
CA/ZM-86-22	22	22,8	22,2	22	21	172	36	5	20

ADAPTER NIPPLE CLAMP / M



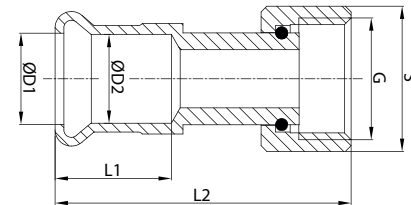
code	size	dimensions							pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	S (mm)	G		
CA/ZM-243G-15X1/2	15X1/2"GZ	15,7	15,3	20	11,5	35	19	1/2"	10	150
CA/ZM-243G-15X3/4	15X3/4"GZ	15,7	15,3	20	15	41	19	3/4"	10	100
CA/ZM-243G-18X1/2	18X1/2"GZ	18,7	18,3	20	11,5	36	22	1/2"	10	120
CA/ZM-243G-18X3/4	18X3/4"GZ	18,7	18,3	20	13	40	22	3/4"	10	100
CA/ZM-243G-22X1/2	22X1/2"GZ	22,7	22,3	19	11,5	41	22	1/2"	10	50
CA/ZM-243G-22X3/4	22X3/4"GZ	22,7	22,3	21	13	42	26,5	3/4"	10	100
CA/ZM-243G-22X1	22X1"GZ	22,7	22,3	21	16,5	46,5	26,5	1"	10	80
CA/ZM-243G-28X3/4	28X3/4"GZ	28,7	28,3	23	13	49	28	3/4"	10	50
CA/ZM-243G-28X1	28X1"GZ	28,7	28,3	23	14,5	48	34	1"	10	50
CA/ZM-243G-35X1	35X1"GZ	35,7	35,3	26	14,5	56,6	34	1"	4	24
CA/ZM-243G-35X1 1/4	35X1 1/4"GZ	35,7	35,3	26	17	55	38,8	1 1/4"	4	24

FEMALE COUPLING CLAMP / Cu



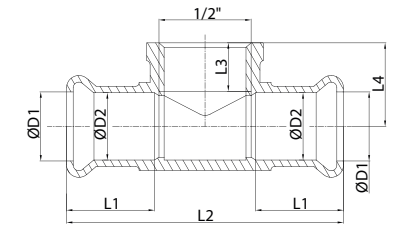
code	size	dimensions							pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	S (mm)	G		
CA/ZM-270G-15X1/2	15X1/2"F	15,7	15,3	20	11	34	24	1/2"	10	120
CA/ZM-270G-15X3/4	15X3/4"F	15,7	15,3	20	13	39	30	3/4"	10	80
CA/ZM-270G-18X1/2	18X1/2"F	18,7	18,3	20	11	34	24	1/2"	10	80
CA/ZM-270G-18X3/4	18X3/4"F	18,7	18,3	20	12	38	30	3/4"	10	80
CA/ZM-270G-22X1/2	22X1/2"F	22,7	22,3	21	11	35	24	1/2"	10	50
CA/ZM-270G-22X3/4	22X3/4"F	22,7	22,3	21	13	42	30	3/4"	10	100
CA/ZM-270G-22X1	22X1"F	22,7	22,3	21	17	43	37	1"	10	100
CA/ZM-270G-28X3/4	28X3/4"F	28,7	28,3	23	13	40,5	32,5	3/4"	10	50
CA/ZM-270G-28X1	28X1"F	28,7	28,3	23	16	46	37	1"	10	50
CA/ZM-270G-35X1	35X1"F	35,7	35,3	26	14,5	44	37	1"	4	24
CA/ZM-270G-35X1 1/4	35X1 1/4"F	35,7	35,3	26	17	49,3	46	1 1/4"	4	24

FITTING CLAMP / F



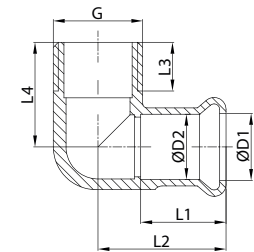
code	size	dimensions							pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)	S (mm)	G			
CA/ZM-359G-15X1/2	15X1/2"F	15,7	15,3	20	51	25	1/2"		10	50
CA/ZM-359G-15X3/4	15X3/4"F	15,7	15,3	20	31	30	3/4"		10	50
CA/ZM-359G-22X3/4	22X3/4"F	22,7	22,3	21	51	29,6	3/4"		10	20
CA/ZM-359G-22X1	22X1"F	22,7	22,3	21	34,5	38	1"		10	50
CA/ZM-359G-28X1 1/4	28X1 1/2"F	28,7	28,3	25,5	40	46	1 1/4"		5	20
CA/ZM-359G-35X1 1/2	35X1 1/2"F	35,7	35,3	26	42,2	52	1 1/2"		2	12

TEE / F



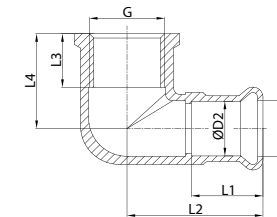
code	size	dimensions						pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)		
CA/ZM-130G-15X1/2X15	15x1/2"Fx15	15,7	15,3	20	63	11	19	10	60
CA/ZM-130G-18X1/2X18	18x1/2"Fx18	18,7	18,3	20	66	11	21	10	50
CA/ZM-130G-22X1/2X22	22x1/2"Fx22	22,7	22,3	21	70	11	22	10	40
CA/ZM-130G-28X1/2X28	28x1/2"Fx28	28,7	28,3	23	76	13	28	10	30
CA/ZM-130G-35X1/2X35	35x1/2"Fx35	35,7	35,3	26	83	12,5	30,5	4	16

ELBOW / M



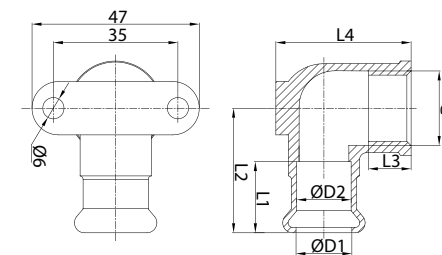
code	size	dimensions							pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	G		
CA/ZM-92-15X1/2	15x1/2"GZ	15,7	15,3	20	63	11	19	1/2"	10	80
CA/ZM-92-22X3/4	22x3/4"GZ	18,7	15,3	20	66	11	21	3/4"	10	40
CA/ZM-92-28X1	28x1"GZ	22,7	18,3	21	70	11	22	1"	4	24

ELBOW / F



code	size	dimensions							pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	G		
CA/ZM-90-15X1/2	15x1/2"F	15,7	15,3	20	38	15	26,5	1/2"	10	80
CA/ZM-90-22X3/4	22x3/4"F	22,7	22,3	21	42	12,2	24	3/4"	10	40
CA/ZM-90-28X1	28x1"F	28,7	28,3	23	48	13,9	31	1"	10	30

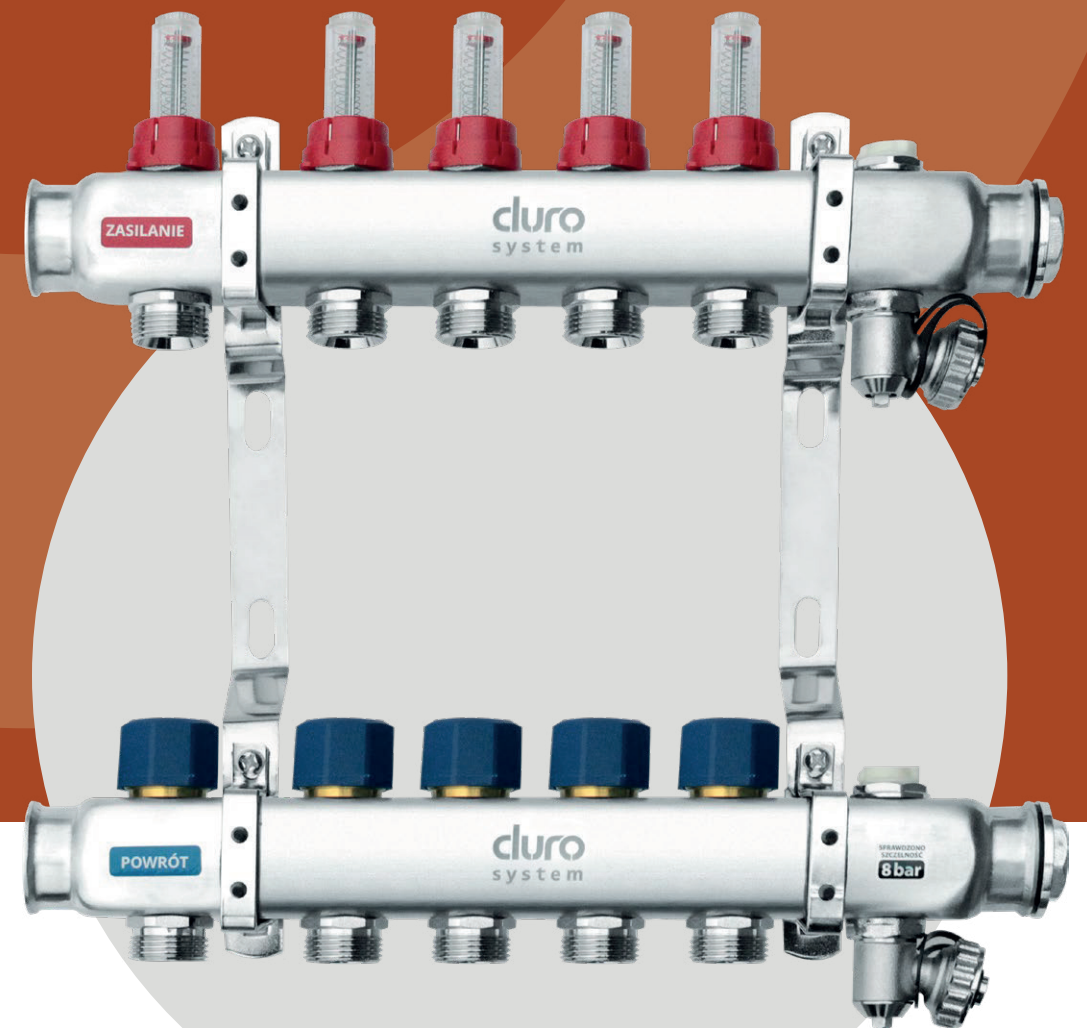
ELBOW WITH MOUNTING / F



code	size	dimensions							pcs / pack	pcs / box
		ØD1 (mm)	ØD2 (mm)	L1 (mm)	L2 (mm)	L3 (mm)	L4 (mm)	G		
CA/ZM-471-15x1/2	15x1/2"	15,7	15,3	20	35	12	38	1/2"	10	50
CA/ZM-471-22x3/4	22x3/4"	22,7	22,3	21	45	13	44	3/4"	10	50

4

Manifolds and pump groups



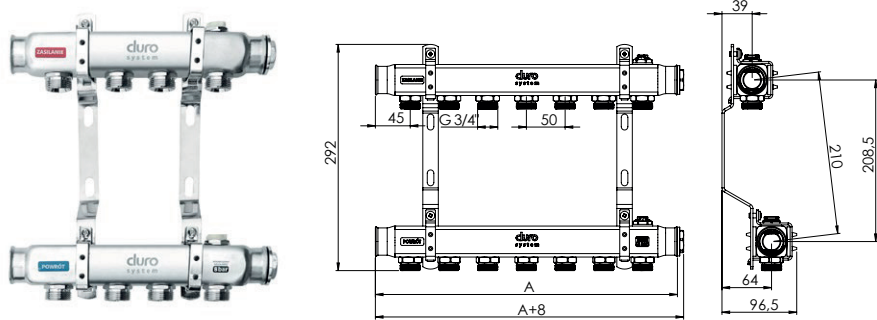
Floor heating manifolds
Duro system

- Made of brushed stainless steel
- Tightness tested 100%
- Rotating drain valves at each manifold

STAINLESS STEEL MANIFOLDS

CENTRAL HEATING MANIFOLDS

T max 90°C
PN 10 bar

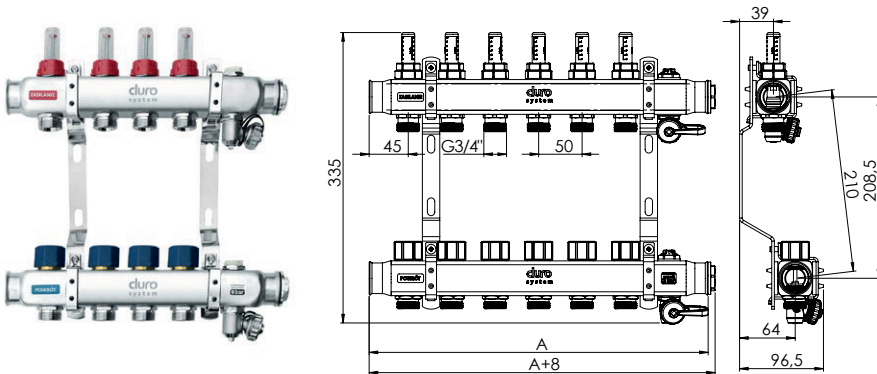


- Profiled sections (40 x 41 mm) made of brushed stainless steel, grade 1.4301 (304), wall thickness 1.6 mm,
- stubs MT 3/4 for connecting to heating systems with the euroconus socket,
- 2 x MT 1" screw-in plug, nickel-plated with a gasket (manifolds plugged on one side),
- 2 brackets with damping inserts liners,
- 2 manual vents 1/2",
- beams marked with stickers: return (blue) and supply (red) .

type	code	number of sections	A width (mm)	height (mm)	depth (mm)	span (mm)
R-2	D/S-RN-CO-2	2	154	290	100	210
R-3	D/S-RN-CO-3	3	204	290	100	210
R-4	D/S-RN-CO-4	4	254	290	100	210
R-5	D/S-RN-CO-5	5	304	290	100	210
R-6	D/S-RN-CO-6	6	354	290	100	210
R-7	D/S-RN-CO-7	7	404	290	100	210
R-8	D/S-RN-CO-8	8	454	290	100	210
R-9	D/S-RN-CO-9	9	504	290	100	210
R-10	D/S-RN-CO-10	10	554	290	100	210
R-11	D/S-RN-CO-11	11	604	290	100	210
R-12	D/S-RN-CO-12	12	654	290	100	210

FLOOR HEATING MANIFOLDS

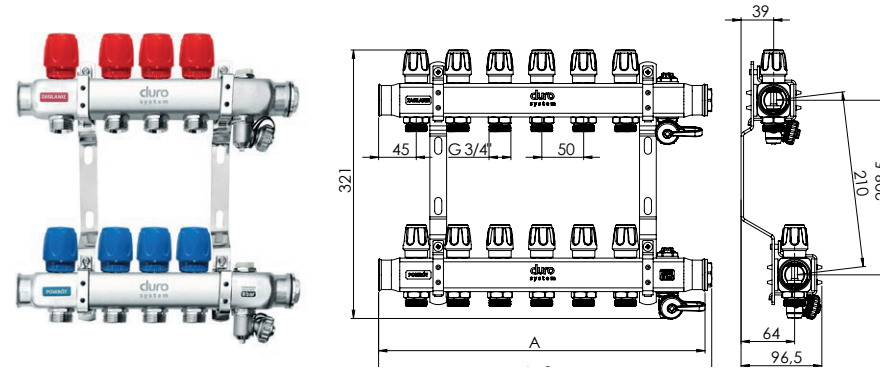
T max 70°C
PN 6 bar



- Profiled sections (40 x 41 mm) made of brushed stainless steel, grade 1.4301 (304), wall thickness 1.6 mm,
- stubs MT 3/4 for connecting to heating systems with the euroconus socket,
- 2 x MT 1" screw-in plug, nickel-plated with a gasket (manifolds plugged on one side)
- flowmeters 0-3 l/min (supply),
- 2 brackets with damping inserts liners,
- 2 manual vents 1/2",
- beams marked with stickers: return (blue) and supply (red),
- control valves with M30x1,5 connection with plastic control pins (return),
- drain valves GZ 3/4" fitted with a plug with a gasket which is also used for opening and closing valves.

type	code	number of sections	A width (mm)	height (mm)	depth (mm)	span (mm)
R-2	D/S-RN-OP-2	2	204	350	100	210
R-3	D/S-RN-OP-3	3	254	350	100	210
R-4	D/S-RN-OP-4	4	304	350	100	210
R-5	D/S-RN-OP-5	5	354	350	100	210
R-6	D/S-RN-OP-6	6	404	350	100	210
R-7	D/S-RN-OP-7	7	454	350	100	210
R-8	D/S-RN-OP-8	8	504	350	100	210
R-9	D/S-RN-OP-9	9	554	350	100	210
R-10	D/S-RN-OP-10	10	604	350	100	210
R-11	D/S-RN-OP-11	11	654	350	100	210
R-12	D/S-RN-OP-12	12	704	350	100	210
R-13	D/S-RN-OP-13	13	754	350	100	210
R-14	D/S-RN-OP-14	14	804	350	100	210
R-15	D/S-RN-OP-15	15	854	350	100	210
R-16	D/S-RN-OP-16	16	904	350	100	210

MANIFOLD WITH CONTROL VALVES

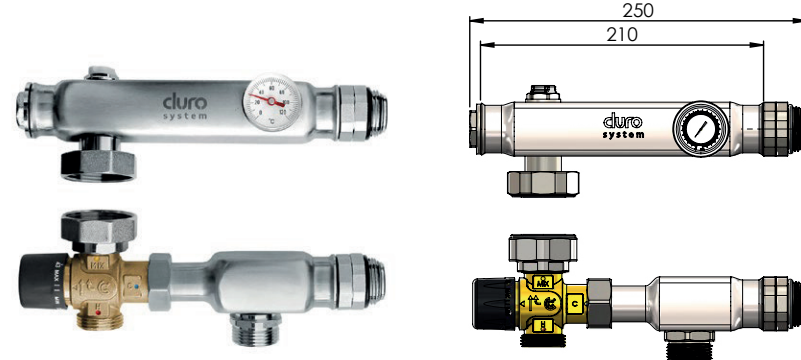


- Profiled sections (40 x 41 mm) made of brushed stainless steel, grade 1.4301 (304), wall thickness 1.6 mm,
- stubs MT 3/4 for connecting to heating systems with the euroconus socket,
- 2 manual vents 1/2",
- 2 x M 1" screw-in plug, nickel-plated with a gasket (manifolds plugged on one side),
- beams marked with return (blue) and supply (red) stickers,
- drain valves GZ 3/4" fitted with a plug with a gasket which is also used for opening and closing valves,
- control valves with knobs: red on the supply manifold, blue on the return manifold,
- manifold brackets with vibration damping pads.

type	code	number of sections	A width (mm)	height (mm)	depth (mm)	span (mm)
R-2	D/S-RN-ZR-2	2	204	321	100	210
R-3	D/S-RN-ZR-3	3	254	321	100	210
R-4	D/S-RN-ZR-4	4	304	321	100	210
R-5	D/S-RN-ZR-5	5	354	321	100	210
R-6	D/S-RN-ZR-6	6	404	321	100	210
R-7	D/S-RN-ZR-7	7	454	321	100	210
R-8	D/S-RN-ZR-8	8	504	321	100	210
R-9	D/S-RN-ZR-9	9	554	321	100	210
R-10	D/S-RN-ZR-10	10	604	321	100	210
R-11	D/S-RN-ZR-11	11	654	321	100	210
R-12	D/S-RN-ZR-12	12	704	321	100	210

STAINLESS STEEL MIXING GROUPS

MIXING GROUP WITHOUT PUMP

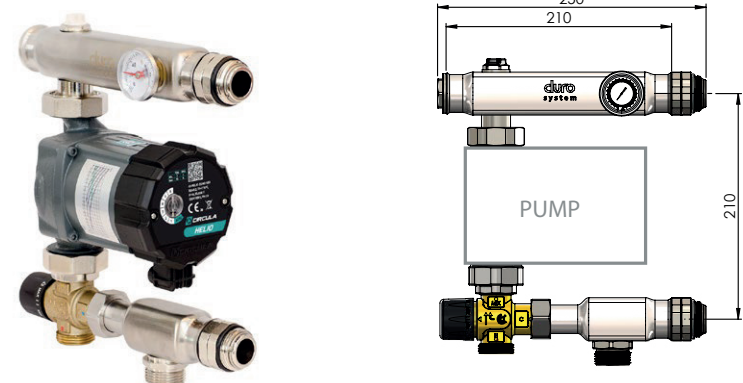


Mixing group without pump, with a Calido thermostatic three-way mixing valve.

T max 90°C
PN 10 bar

type	Kvs	code
UMN-A	1,6 m³/h	D/S-UMN-A-B/POMPY
UMN-B	3,2 m³/h	D/S-UMN-B-B/POMPY

MIXING GROUP WITH HELIO PUMP

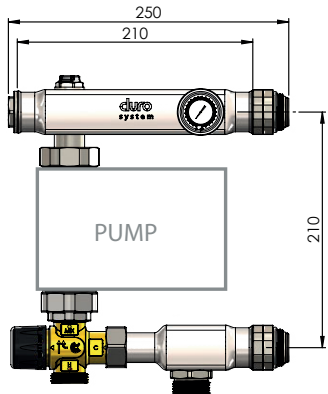


Mixing group with a Circula Helio 25/60-130 mm electronic pump with plug, with a Calido thermostatic three-way mixing valve.

T max 90°C
PN 10 bar

type	Kvs	code
UMN-A	1,6 m³/h	D/S-UMN-A-HELIO25/60
UMN-B	3,2 m³/h	D/S-UMN-B-HELIO25/60

MIXING GROUP WITH MERCURIO PUMP

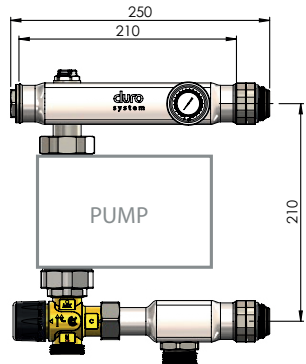


Mixing group with a Circula Mercurio 25/60-130 mm electronic pump with plug and a tube, with a Calido thermostatic three-way mixing valve.

T max 90°C
PN 10 bar

type	Kvs	code
UMN-A	1,6 m³/h	D/S-UMN-A-MERC 25/60
UMN-B	3,2 m³/h	D/S-UMN-B-MERC 25/60

MIXING GROUP WITH TITANIO PUMP



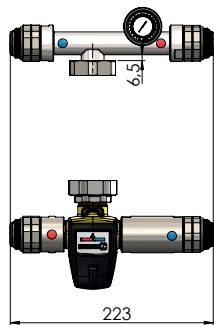
Mixing group with a Circula Titanio 25/60-130 mm electronic pump with supply tube, with a Calido thermostatic three-way mixing valve.

T max 90°C
PN 10 bar

type	Kvs	code
UMN-A	1,6 m³/h	D/S-UMN-A-TITAN 25/60
UMN-B	3,2 m³/h	D/S-UMN-B-TITAN 25/60

STAINLESS STEEL MIXING GROUPS COMBI

UMND

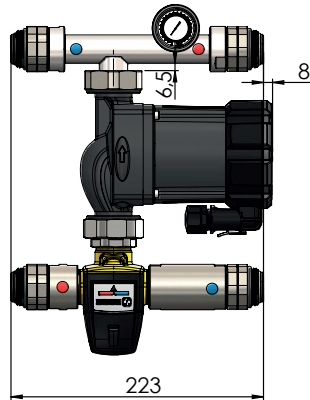


Combi mixing system without pump, with an ESBE VTA 552 thermostatic three-way mixing valve.

Kvs=3,2 m³/h
T max 90°C
PN 10 bar

type	code
UMND	D/S-UMND-B/POMPY

UMND



Dual-function mixing system with Mercurio 25/60-130 mm electronic pump, with ESBE VTA 552 three-way thermostatic mixing valve.

Kvs = 3,2 m³/h
T max 90°C
PN 10 bar

type	code
UMND	D/S-UMND-MERC

CONNECTORS FOR PE PIPES 16 X 2.0

PEX PIPE CONNECTOR

T max 95°C
PN 10 bar



dimension	code	pcs / pack	pcs / box
16 x 2,0 x 1/2"	CA/ZG-A-PPEX1/2	1	250

PEX PIPE CONNECTOR

T max 95°C
PN 10 bar



dimension	code	pcs / pack	pcs / box
16 x 2,0 x 3/4"	D/S-Z-PPEX16X3/4	1	40

PEX PIPE CONNECTOR

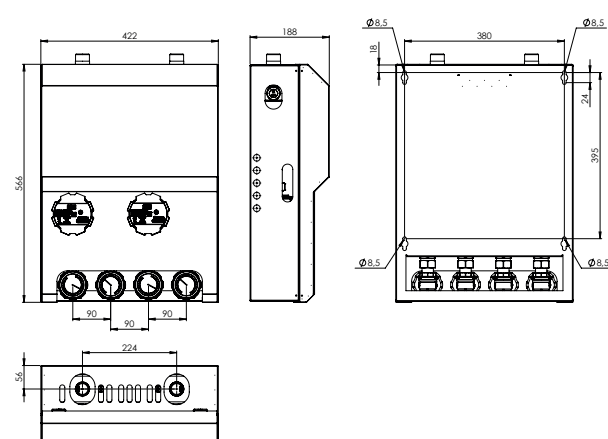
T max 95°C
PN 10 bar



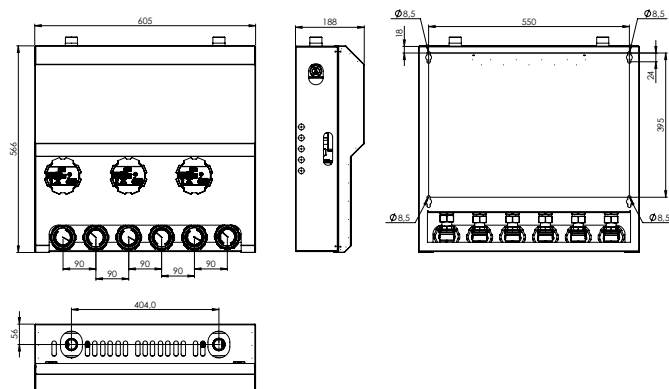
dimension	code	pcs / pack	pcs / box
16 x 2,0 x 3/4"	D/S-Z-PPEX-40-16X3/4	1	250

PUMP GROUPS

2-SECTIONAL



3-SECTIONAL



INSTALLATION

PUMP GROUPS CAN BE INSTALLED IN THE FOLLOWING POSITIONS:

- HEATING MEDIUM PUMPED DOWNWARDS (**FIG. A**)
- HEATING MEDIUM PUMPED UPWARDS (**FIG. B**)
- HEATING MEDIUM PUMPED TO THE LEFT OR RIGHT - LATERAL SETTING (**FIG. C**)

Fig. A

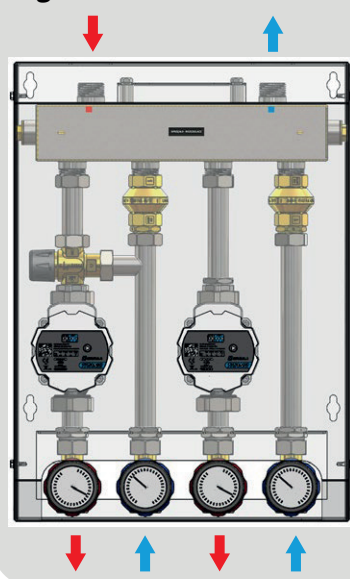


Fig. B

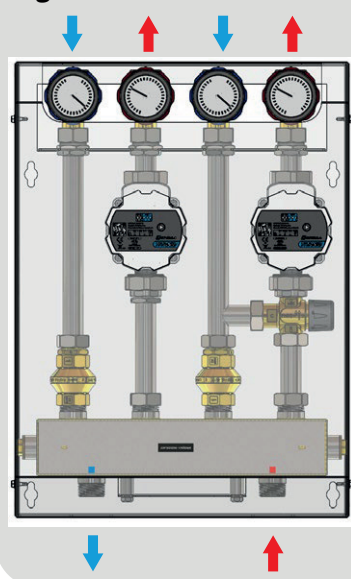
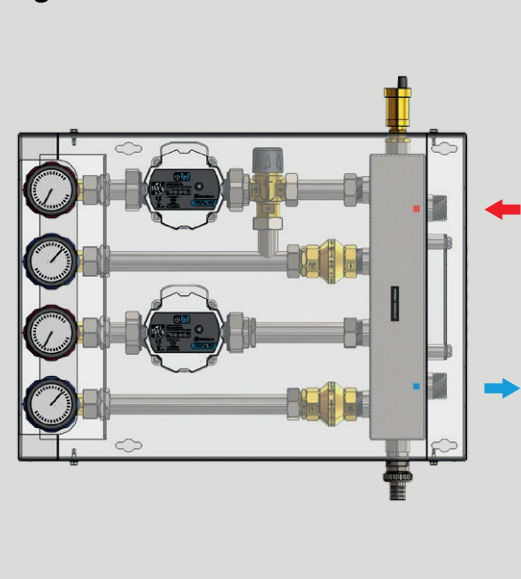


Fig. C



AVAILABLE CONFIGURATIONS

with a three-way mixing
valve and an electric
actuator



intended use:
floor heating



Titano pump
25/60-130

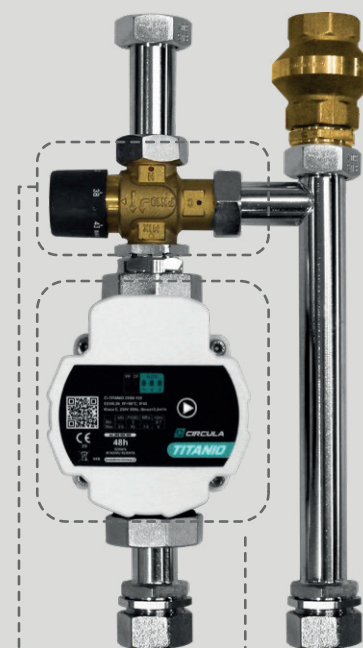
lub

Titano pump
25/80-130

with a three-way
thermostatic valve



intended use:
floor heating



Thermostatic, mixing,
three-way valve
Kvs 1,6 m³/h

lub

Thermostatic, mixing,
three-way valve
Kvs 3,2 m³/h

Titano pump
25/60-130

lub

Titano pump
25/80-130

direct
(without mixing)



intended use:
central heating



Titano pump
25/60-130

lub

Titano pump
25/80-130

CONFIGURE YOUR PUMP GROUP



Configure your pump group online



<https://arka-instalacje.pl/kalkulator>

INSTALLATION CABINETS FOR MANIFOLDS

INSTALLATION CABINETS FOR MANIFOLDS



- Adjustable height range 530 - 630 mm.
- Adjustable depth range 125 - 170 mm.
- Galvanised body made of a single sheet.
- Frame and cover powder-coated white RAL9003.
- Coin operated lock.
- Galvanised strips for manifold installation.
- Break-out side openings.

code	number of sections + shut-off fittings	number of sections + mixing system	width (mm)	height (mm)	depth (mm)
D/S-SIP-01	4	2	490	530-630	125-170
D/S-SIP-02	6	4	590	530-630	125-170
D/S-SIP-03	8	6	690	530-630	125-170
D/S-SIP-04	10	8	790	530-630	125-170
D/S-SIP-05	14	12	990	530-630	125-170
D/S-SIP-06	16	14	1110	530-630	125-170

SURFACE-MOUNTED CABINETS



- Height 580 mm.
- Depth 135 mm.
- Removable back panel for easy wall mounting of the cabinet.
- Coin operated lock.
- Break-out side openings.

code	number of sections + shut-off fittings	number of sections + mixing system	width (mm)	height (mm)	depth (mm)
D/S-SIN-01	4	2	490	580	135
D/S-SIN-02	6	4	590	580	135
D/S-SIN-03	8	6	690	580	135
D/S-SIN-04	10	8	790	580	135
D/S-SIN-05	14	12	990	580	135
D/S-SIN-06	16	16	1160	580	135

CONCEALED CABINETS WITH ADJUSTABLE COVER STRIP



- Adjustable height range 530 - 630 mm.
- Adjustable depth range 125 - 170 mm.
- Cover (Blenda) that slides out from the bottom, which covers the space between the lower edge of the frame and the floor.
- Galvanised body made of a single sheet.
- Frame and cover powder-coated white RAL9003.
- Coin operated lock.
- Galvanised strips for manifold installation.
- Break-out side openings.

code	number of sections + shut-off fittings	Number of sections + mixing system	width (mm)	height (mm)	depth (mm)
D/S-SIP-01B	4	2	490	530-630	125-170
D/S-SIP-02B	6	4	590	530-630	125-170
D/S-SIP-03B	8	6	690	530-630	125-170
D/S-SIP-04B	10	8	790	530-630	125-170
D/S-SIP-05B	14	12	990	530-630	125-170
D/S-SIP-06B	16	14	1110	530-630	125-170

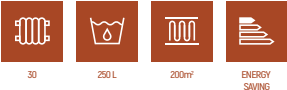
INSTALLATION CHEMICALS

CORROSION INHIBITOR DS1

protecting the central heating system



- Inhibits corrosion and prevents scale build-up in the system.
- Ensures energy efficiency and high performance of the installation.
- A 1 litre bottle is sufficient to clean a 250 litre water system or 200m² underfloor heating system or 30 radiators.



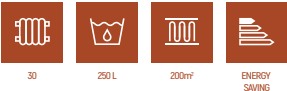
code	capacity (litre)	pcs / pack	pcs / box
D/S-CH-DS1-INHIBITOR	1	1	6

CLEANER DS3

cleaning the central heating system



- Removes sludge and limescale from the installation.
- Ensures energy efficiency and high performance of the installation.
- A 1l bottle is sufficient to clean an installation with 250 l of water or 200m² of underfloor heating or 30 radiators.



code	capacity (litre)	pcs / pack	pcs / box
D/S-CH-DS3-CLEANER	1	1	6

5

Pumps



Mercurio Pumps
Circula

- Patent for invention **232337**
- Inspection sleeve placed in the axis of the shaft
- Self-venting construction

HOT DOMESTIC WATER CIRCULATION PUMPS

PLATINO PUMP

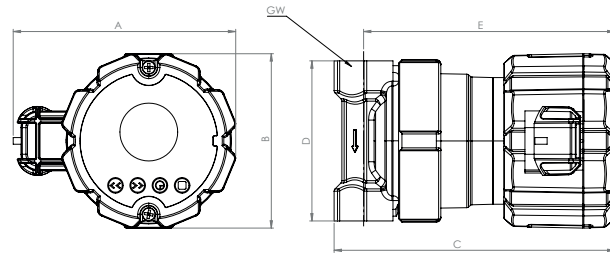
with a programmer and built-in temperature sensor

230V~50Hz, IP 44, Tmax 95°C

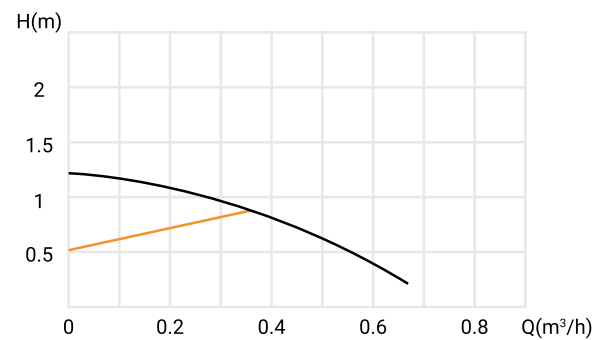
Class F, PN10

The set includes:

- electric cable with a plug



type	code	pcs / box	dimensions					
			A	B	C	D	E	F
15/10	CI-PLATINO 15	8	100	78	126	72	113	1/2"



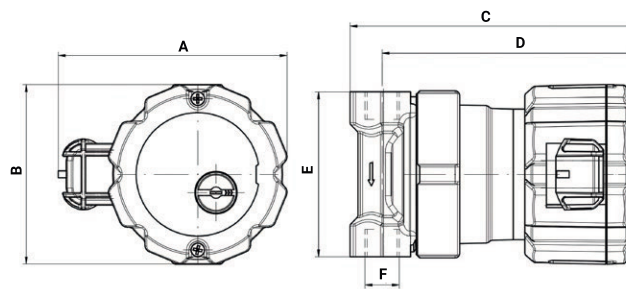
TORIO PUMP

230V~50Hz, IP 44, Tmax 95°C

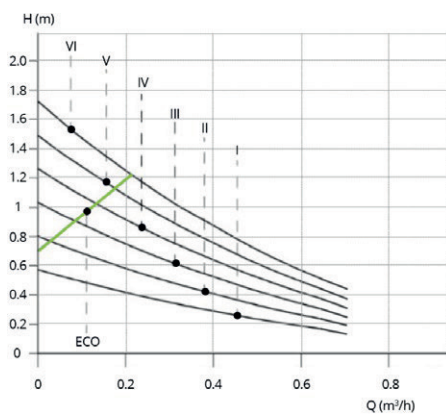
Class F, PN10,

The set includes:

- electric cable with a plug



type	code	pcs / box	dimensions					
			A	B	C	D	E	F
15/12	CI-TORIO 15/12	8	100	79	125	111	72	1/2"



3-GEAR PUMP

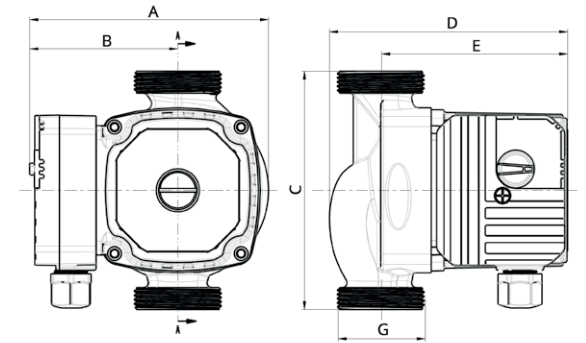
The body of the pump is covered with a protective Glaze layer, which protects pumps from corrosion and meets the hygienic requirements for drinking water

230V~50Hz, IP 44, TF 110,

Class F, PN10

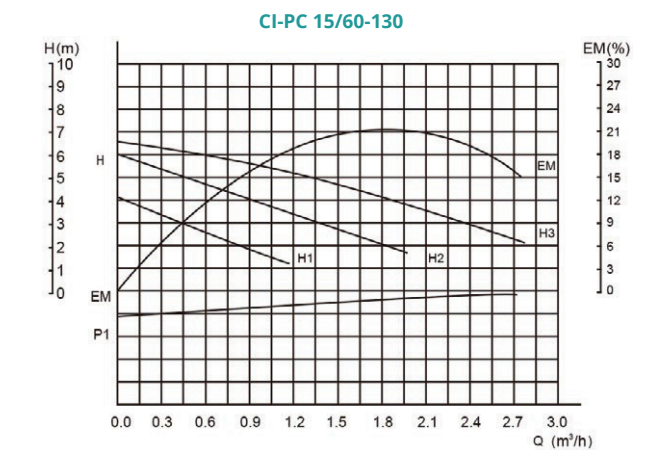
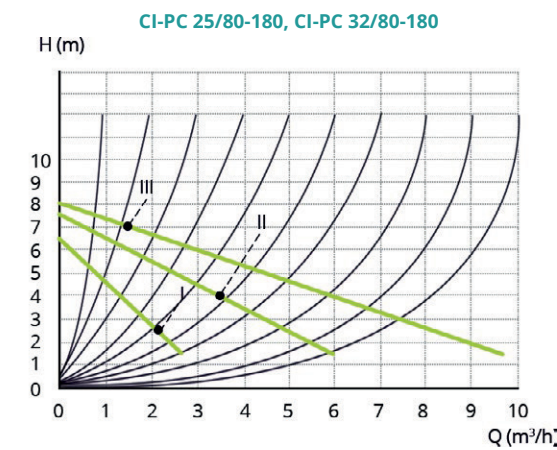
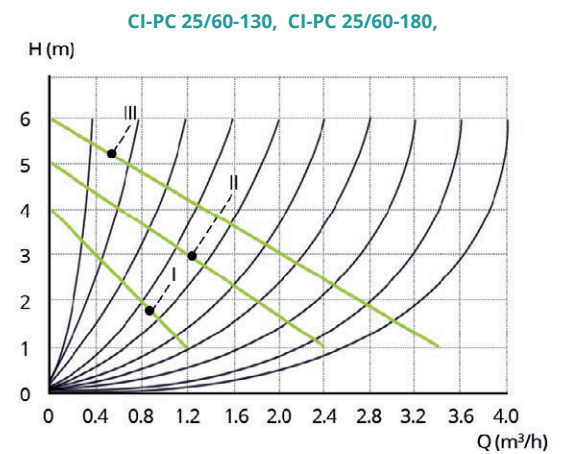
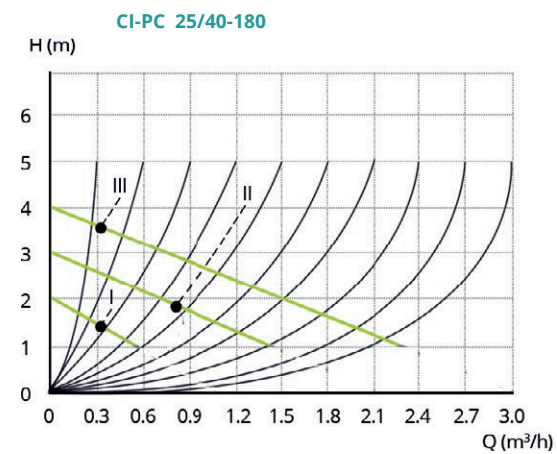
The set includes:

- half-unions
- electric cable with a plug



type	code	maximum flow [m³/h]	max. lifting height [m]	mounting length	connected diameter of the body [inch]	pcs / box	dimensions					
							A	B	C	D	E	G
25/40 180	CI-PC25/40-180	2,9	4	180	1 1/2"	8	130	81	180	131	101	1 1/2"
25/60 180	CI-PC25/60-180	3,3	6	180	1 1/2"	8	130	81	180	131	101	1 1/2"
15/60 180	CI-PC15/60-130 BPS*	2,9	6	130	1"	8	130	81	130	131	101	1"
15/60 180	CI-PC15/60-130 BS**	2,9	6	130	1"	8	130	81	130	131	101	1"
25/60 130	CI-PC25/60-130	3,3	6	130	1 1/2"	8	130	81	130	131	101	1 1/2"
25/60 130	CI-PC25/60-130 BPS*	3,3	6	130	1 1/2"	8	130	81	130	131	101	1 1/2"
25/80 180	CI-PC25/80-180	6,9	8	180	1 1/2"	4	130	81	180	131	101	1 1/2"
32/80 180	CI-PC32/80-180	9,6	8	180	2"	4	130	81	180	131	101	2"

* without electric cable and without half-unions ** without half-unions



ELECTRONIC PUMPS

MERCURIO PUMP

Innovative inspection sleeve in the axis of the shaft allows to additional venting and emergency rotor start-up features.

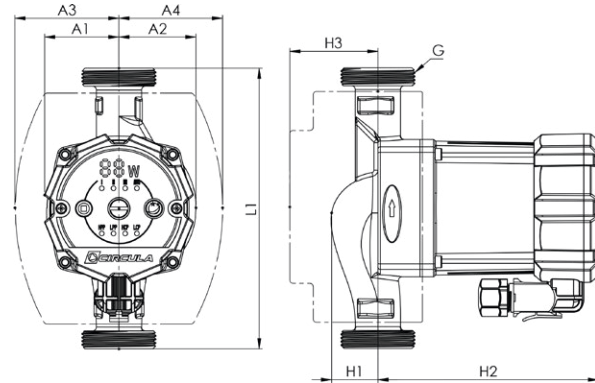
230V~50Hz, IP 44, TF 110,

Class F, PN10,

Energy efficiency index: EEI ≤ 0.20

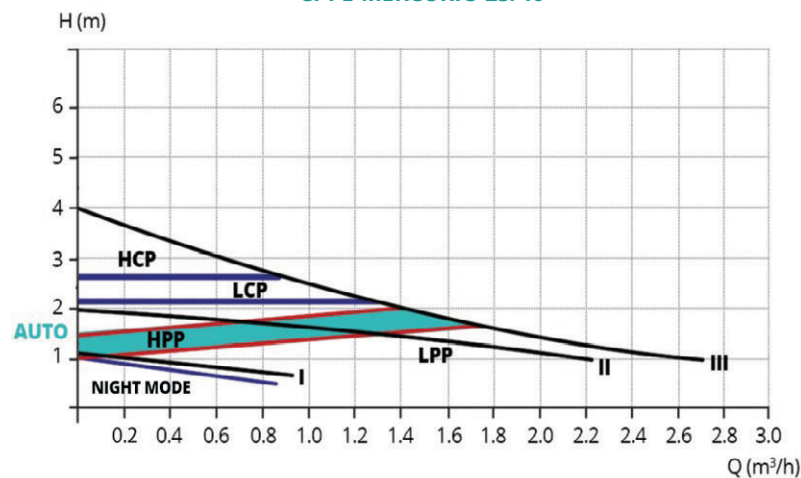
The set includes:

- half-unions
- biodegradable foam
- electric cable with a plug

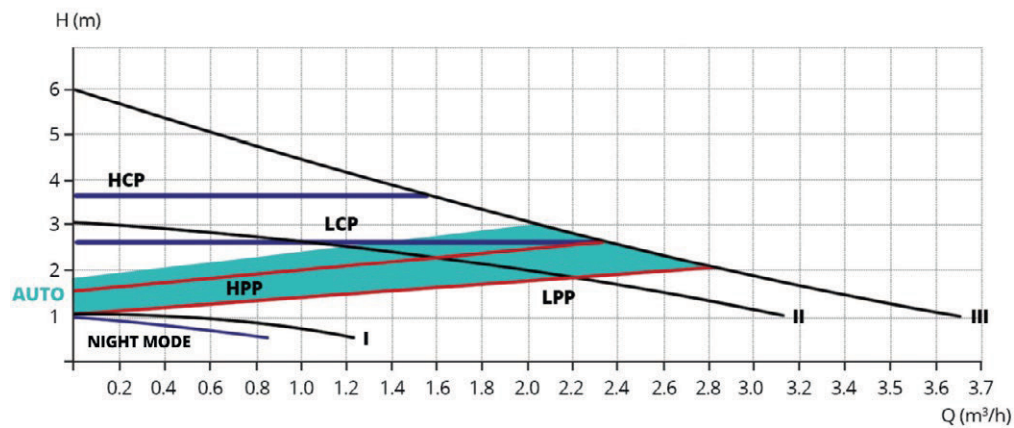


type	code	power [W]	maximum flow [m ³ /h]	max. lifting height [m]	mounting length	connected diameter of the body [inch]	pcs / box	L1	A1	A2	A3	A4	H1	H2	H3	G
25/40 180	CI-PE-MERCURIO 25/40	5-22	2,6	4	180	1 1/2"	8	180	47	49	67	67	30	140	57	1 1/2
25/60 180	CI-PE-MERCURIO 25/60	5-45	3,6	6	180	1 1/2"	8	180	47	49	67	67	30	140	57	1 1/2

CI-PE-MERCURIO 25/40



CI-PE-MERCURIO 25/60



HELIO PUMP

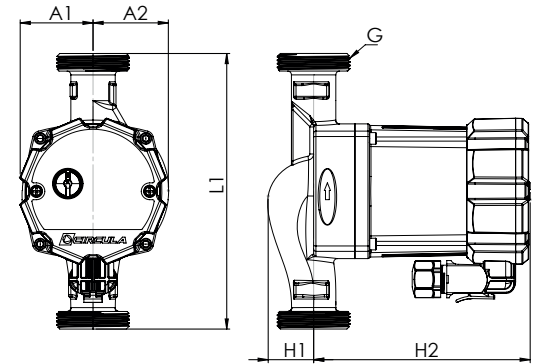
230V~50Hz, IP 44, Tmax 110°C

Class F, PN10,

Energy efficiency index: EEI ≤ 0.20

The set includes:

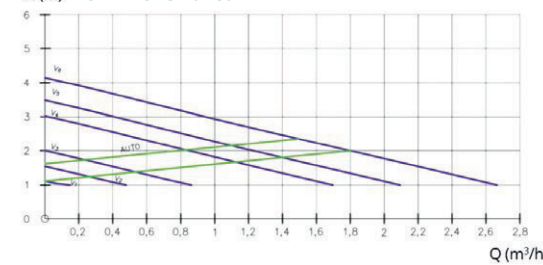
- electric cable with angle plug
- gaskets



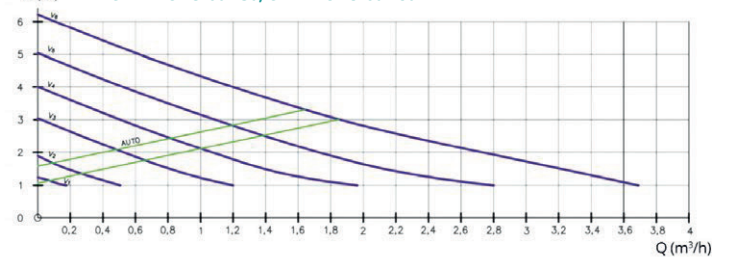
type	code	pcs / box
25/60 130	CI-HELIO 25/60-130	8
25/40 180	CI-HELIO 25/40-180	8
25/60 180	CI-HELIO 25/60-180	8

L1	A1	A2	H1	H2	G
130	47	49	30	140	1 1/2
180	47	49	30	140	1 1/2
180	47	49	30	140	1 1/2

CI-HELIO 25/40-180



CI-HELIO 25/60-130, CI-HELIO 25/60-180



TITANIO PUMP

Auto-venting and engine startup function

Equipped with a PWM signal control connector

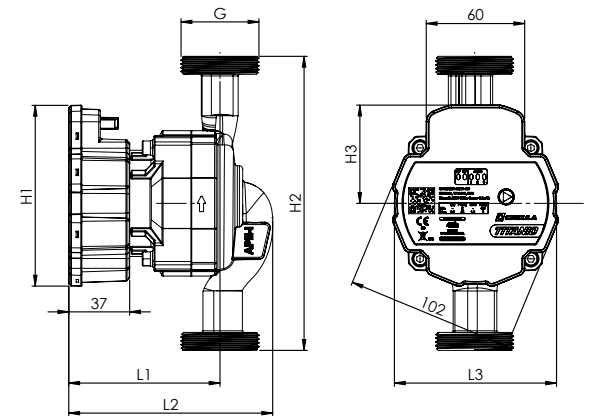
230V~50Hz, IP 44, TF 95°C,

Class E, PN10,

Energy efficiency index: EEI ≤ 0.20

The set includes:

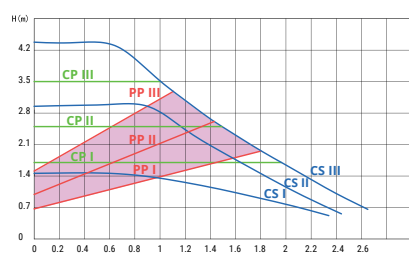
- electric cable with a plug
- gaskets



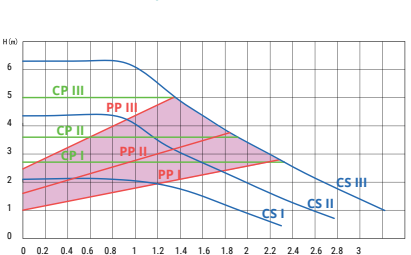
type	code	pcs / box
25/40 180	CI-TITANIO 25/40-180	8
25/60 130	CI-TITANIO 25/60-130	8
25/60 180	CI-TITANIO 25/60-180	8
25/80 130	CI-TITANIO 25/80-130	8
25/80 180	CI-TITANIO 25/80-180	8
15/60 130	CI-TITANIO 15/60-130	8
32/80 180	CI-TITANIO 32/80-180	8

L1	L2	L3	H1	H2	H3	G
93	126	99	110	180	60	1 1/2"
93	126	99	110	130	60	1 1/2"
93	126	99	110	180	60	1 1/2"
93	126	99	110	130	60	1 1/2"
93	126	99	110	180	60	1 1/2"
93	126	99	110	130	60	1"
93	126	99	110	180	60	2"

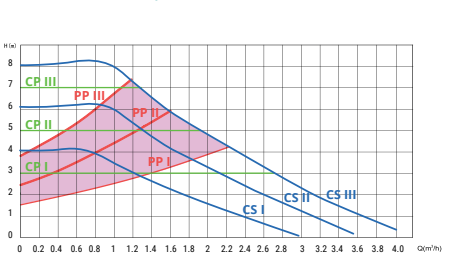
CI-TITANIO 25/40



CI-TITANIO 25/60, CI-TITANIO 15/60



CI-TITANIO 25/80, CI-TITANIO 32/80



PP
(proportional pressure curve)

CP
(constant pressure curve)

CS
(constant curve)

AUTO

SELENIO PUMP

Auto-venting and engine startup function

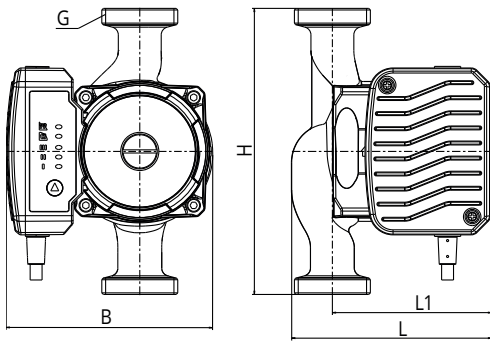
230V~50Hz, IP 44, TF110°C,

Class F, PN10,

Energy efficiency index: EEI ≤0.23

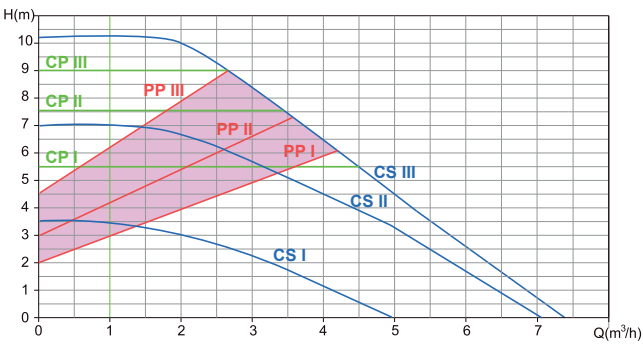
The set includes:

- half-unions
- electric cable with a plug

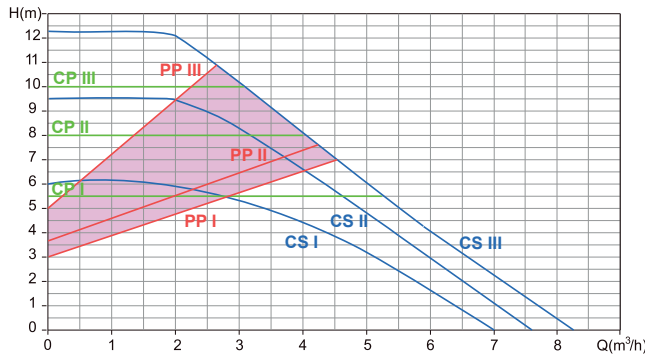


type	code	power [W]	maximum flow [m3/h]	max. lifting height [m]	connected diameter of the body [inch]	pcs / box	L	L1	H	B	G
25/100 180	CI-SELEN 25/100-180	140	7,5	0 - 10	1 1/2"	8	130	95	180	143	1 1/2"
32/100 180	CI-SELEN 32/100-180	140	8	0 - 10	2"	8	130	95	180	143	2"
25/120 180	CI-SELEN 25/120-180	180	8,5	0 - 12	1 1/2"	8	130	95	180	143	1 1/2"
32/120 180	CI-SELEN 32/120-180	180	9	0 - 12	2"	8	130	95	180	143	2"

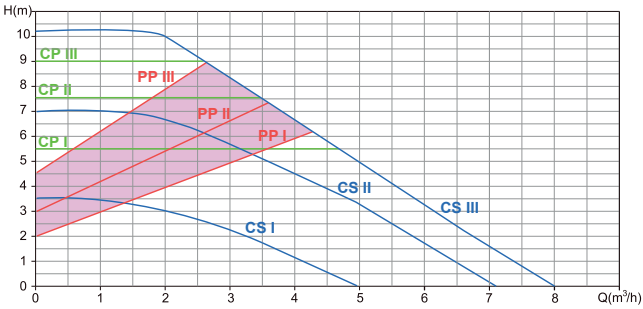
CI-SELEN 25/100 180



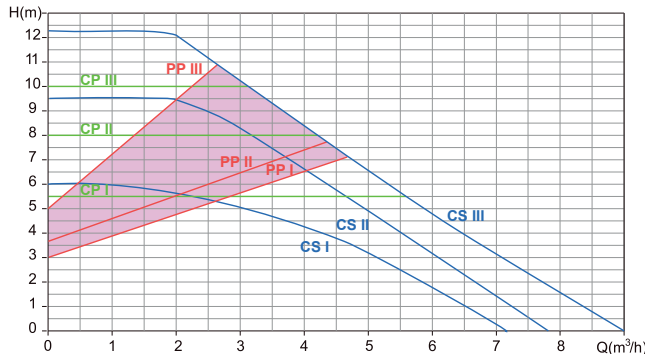
CI-SELEN 25/120 180



CI-SELEN 32/100 180



CI-SELEN 32/120 180



PP (proportional pressure curve)
CP (constant pressure curve)
CS (constant curve)
AUTO

GALIO PUMP

Auto-venting and engine startup function

LED Display

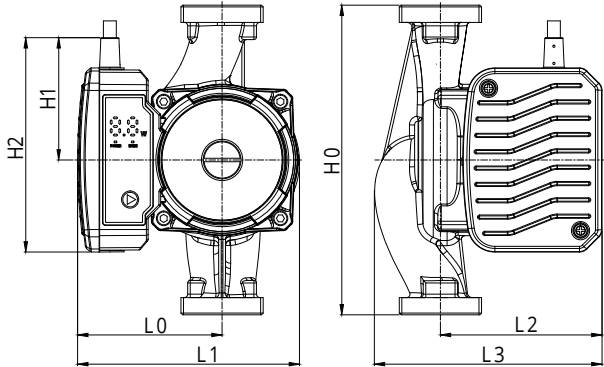
230V~50Hz, IP 44, TF 110°C

Class E, PN10

Energy efficiency index: EEI ≤0.20

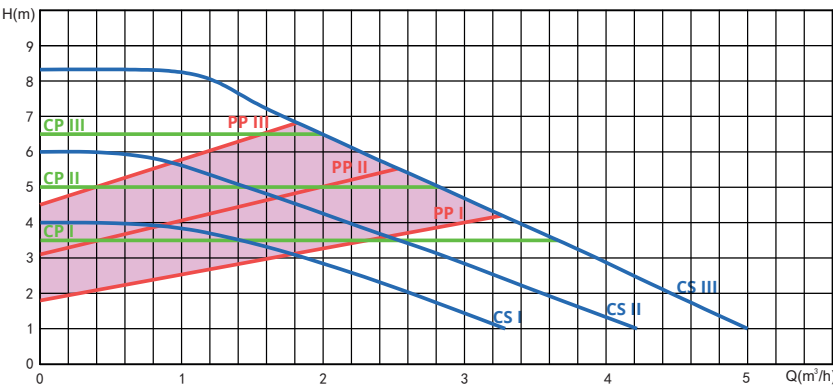
The set includes:

- half-unions
- electric cable with a plug



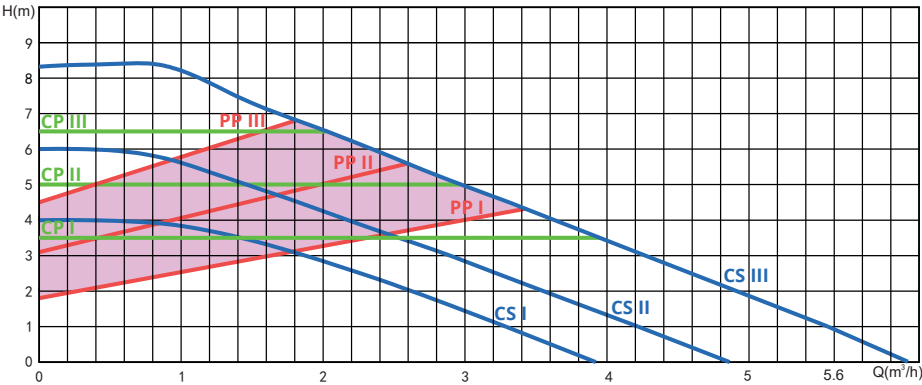
type	code	power [W]	maximum flow [m3/h]	max. lifting height [m]	connected diameter of the body [inch]	pcs / box	L0	L1	L2	L3	H0	H1	H2
25/80-180	CI-GALIO 25/80-180	80	5,0	0,3-8	1 1/2"	8	84	130	94	132	180	71	125
32/80-180	CI-GALIO 32/80-180	80	6,0	0,3-8	2"	8	84	130	94	132	180	71	125

CI-GALIO 25/80 180



PP (proportional pressure curve)
CP (constant pressure curve)
CS (constant curve)
AUTO

CI-GALIO 32/80 180



PP (proportional pressure curve)
CP (constant pressure curve)
CS (constant curve)
AUTO

6

Measuring gauges



Radial thermomanometers
Calido

- Easy-to-read dial
- Precise measurements
- Stainless steel housing

MANOMETERS

RADIAL



dimensions	code	parameters
63 mm, G 1/4"	CA-PP-MR1	1,0 bar
	CA-PP-MR1,6	1,6 bar
	CA-PP-MR2,5	2,5 bar
	CA-PP-MR4	4,0 bar
	CA-PP-MR6	6,0 bar
	CA-PP-MR10	10,0 bar

REAR



dimensions	code	parameters
63 mm, G 1/4"	CA-PP-MT2,5	2,5 bar
	CA-PP-MT4	4,0 bar
	CA-PP-MT6	6,0 bar
	CA-PP-MT10	10,0 bar

REAR



dimensions	code	parameters
40mm, G 1/8"	CA-PP-MT6-40MM	6,0 bar

THERMOMANOMETERS

REAR



dimensions	code	parameters
80 mm, G 1/2"	CA-PP-TMT4	4,0 bar, 120° C

RADIAL



dimensions	code	parameters
80 mm, G 1/2"	CA-PP-TMR4	4,0 bar, 120° C

THERMOMETERS

BIMETALLIC REAR



dimensions	code	parameters
63 mm, G 1/2", L 45 mm	CA-PP-TBT	120° C

BIMETALLIC RADIAL



dimensions	code	parameters
63 mm, L 50	CA-PP-TBR	120° C

BIMETALLIC REBATE



dimensions	code	parameters
63 mm, G 1/2"	CA-PP-TBP	120° C

BACK BIMETALLIC
FOR S30 VALVES



dimension	code	parameters
63 mm	CA-PP-TBTM	120° C

CAPILLARY



dimensions	code	parameters
52 mm, DN 6 mm	PR-T52P	L1000

STRAIGHT SCREWED-IN



size	code	parameters
1/2"	PR-TP15/110	110° C
3/4"	PR-TP20/110	110° C

TEMPERATURE SENSOR POCKET



dimensions	code	parameters
1/2" x L100 mm	PR-KIESZ.CZUJNIKA	-

7

Spare parts



Valve handles
Calido

- › Plastic cover
- › Anti-corrosion layer - GEOMET
- › Handle with window and label

S30 SERIES VALVES SPARE PARTS

VALVE HANDLE



size	code	pcs / pack	pcs / box
1/4", 3/8"	CA/ZK-A-R08-10	1	-
1/2", 3/4"	CA/ZK-A-R15-20	1	-
1", 1 1/4"	CA/ZK-A-R25-32	1	-
1 1/2", 2"	CA/ZK-A-R40-50	1	-
2 1/2"	CA/ZK-A-R65	1	-
3", 4"	CA/ZK-A-R80-100	1	-

VALVE HANDLE



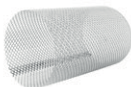
size	code	pcs / pack	pcs / box
1"-1 1/4"	CA/ZK-A-RN25-32	1	-
1/2", 3/4"	CA/ZK-A-RN15-20	1	-

BUTTERFLY HANDLE FOR VALVES



size	handle color	code	pcs / pack	pcs / box
1/4", 3/8", 1/2", 3/4"	red	CA/ZK-A-M08-20	1	-
1"	red	CA/ZK-A-M25	1	-
1"	blue	CA/ZK-A-MN25	1	-
1/2"-3/4"	blue	CA/ZK-A-MN15-20	1	-

VALVE BASKET WITH FILTER



size	code	pcs / pack	pcs / box
1/2"	CA/ZK-A-F15	1	-
3/4"	CA/ZK-A-F20	1	-
1"	CA/ZK-A-F25	1	-

FILTER GASKET



size	code	pcs / pack	pcs / box
1/2"	CA/ZK-A-UF15	10	-
3/4"	CA/ZK-A-UF20	10	-
1"	CA/ZK-A-UF25	10	-

O-RING FOR HALF-UNION



size	code	pcs / pack	pcs / box
1/2" (Ø20x2)	CA/ZK-A-UP15	10	-
3/4" (Ø24x2.4)	CA/ZK-A-UP20	10	-
1" (Ø33x2.5)	CA/ZK-A-UP25	10	-

BUTTERFLY HANDLE FOR VALVES

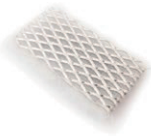
stainless steel



code	size	pcs / pack	pcs / box
CA/ZK-A-M-ST15-20	1/2", 3/4"	1	-
CA/ZK-A-M-ST25	1"	1	-

STRAIGHT GAS FILTERS SPARE PARTS

FILTER CARTRIDGE



size	code	pcs / pack	pcs / box
1/2"	CG/FGK-15	1	20
3/4"	CG/FGK-20	1	50
1"	CG/FGK-25	1	10
1 1/4"	CG/FGK-32	1	2

GARDEN SERIES VALVES SPARE PARTS

HANDLE WITH A NUT

stainless steel



size	code	pcs / pack
1/2", 3/4"	CA/ZK-A-RCZ15-20	1

QUICK-COUPLING CONNECTOR



size	code	pcs / pack	pcs / box
3/4" x 15	CA/ZK-A-S	1	200

HOSE CONNECTOR



size	code	pcs / pack	pcs / box
3/4" x 15	CA/ZK-A-ZW20X15	1	100
3/4" x 20	CA/ZK-A-ZW20X20	1	200

HOSE CONNECTOR

brass



size	code	pcs / pack	pcs / box
3/4" x 15	CA/ZK-A-MS3/4	1	48

RADIATOR VALVES SPARE PARTS

KNOB WITH A SCREW

for the supply valve



size	code	pcs / pack	pcs / box
-	CA/ZG-A-P	1	-

STEM REPAIR UNIT

for the supply valve



size	code	pcs / pack	pcs / box
-	CA/ZG-A-ZNZ	1	-

STEM REPAIR UNIT

for the return valve



size	code	pcs / pack	pcs / box
-	CA/ZG-A-ZNP	1	-

STEM O-RING
for supply and return valves



size	code	pcs / pack	pcs / box
12x1,8	CA/ZG-A-OT	10	-

PLUG WITH A SEAL
for the return valve



size	code	pcs / pack	pcs / box
1/2"	CA/ZG-A-ZZP	1	-

PLUG SEAL
for the return valve



size	code	pcs / pack	pcs / box
-	CA/ZG-A-UZP	10	-

BRIDGE
for bottom heating connections
(multiple use)



size	code	pcs / pack	pcs / box
-	CA/ZG-A-MPDG	1	-

PLUG WITH A SEAL



size	code	pcs / pack	pcs / box
3/4"	D/ZK-A-Z	1	-

SET OF RADIATOR HANGERS
of painted steel



size	code	pcs / pack	pcs / box
-	CA/ZG-ZWG	2	100

RADIATOR HANGER
for bottom radiator connections
(for multiple use)



size	code	pcs / pack	pcs / box
-	CA/ZG-A-WG1	1	100

RADIATOR HANGER
for bottom heater connections
(for multiple use)



size	code	pcs / pack	pcs / box
-	CA/ZG-A-WG2	2	100

REDUCTION IN RADIATOR CAP
of painted steel



size	description	code	PN	Tmax	pcs / pack	pcs / box
1"x1/2"	left	CA/ZG-RKG2515L	10 bar	90 °C	1	200
1"x1/2"	right	CA/ZG-RKG2515P	10 bar	90 °C	1	200

RADIATOR CAP
of painted steel



size	description	code	PN	Tmax	pcs / pack	pcs / box
1"	left	CA/ZG-KG25L	10 bar	90 °C	1	200
1"	right	CA/ZG-KG25P	10 bar	90 °C	1	200

ADAPTER WITH A SEAL



size	code	pcs / pack	pcs / box
3/4" x 3/8"	D/ZK-A-A	1	-

ANTI-LIME FILTER



size	code	pcs / pack	pcs / box
-	D/ZK-A-F	1	-

FLAT SEAL FOR ADAPTER



size	code	pcs / pack	pcs / box
Ø25 x 1	D/ZK-A-UA	1	-

SPARE PARTS FOR SMART ANGLE VALVES WITH FILTER

FILTER



size	code	pcs / pack	pcs / box
-	D/ZK-A-SMART-F	1	-

PLUG

with a gasket



size	code	pcs / pack	pcs / box
-	D/ZK-A-SMART-Z	1	-

AIR VENTS

AUTOMATIC AIR VENT

with stop valve, double protection



size	code	parameters	pcs / box
1/2"	CA/A-ODP-15	120°C, 10 bar	100

AUTOMATIC AIR VENT

with stop valve, double protection



size	code	parameters	pcs / box
1/2"	CA/A-ODP-15-CZ	120°C, 10 bar	100

AUTOMATIC AIR VENT

with stop valve, double protection



size	code	parameters	pcs / box
1/2"	CA/A-ODP-15-B	120°C, 10 bar	100

AUTOMATIC AIR VENT

with stop valve



size	code	parameters	pcs / box
1/2"	D/A-ODP-120.12	120°C, 12 bar	100

CONNECTION SET FOR ALUMINIUM RADIATORS

painted steel reduction, nickel-plated CW617N brass plug, nickel-plated CW617N brass radiator vent and plastic key



code	PN	Tmax	pcs / pack	pcs / box
CA/ZG-ZRKOG	10 bar	90 °C	1	40

RADIATOR VENT

CW617N brass, nickel-plated, keyed



code	size	PN	Tmax	pcs / pack	pcs / box
CA/ZG-ODPGK15-OPAK	1/2"	10 bar	90 °C	10	100

RADIATOR VENT

CW617N brass, nickel-plated, with knob



code	size	PN	Tmax	pcs / pack	pcs / box
CA/ZG-ODPGP15-OPAK	1/2"	10 bar	90 °C	10	80

RADIATOR CAPS AND NIPPLES

RADIATOR CAP

CW617N nickel-plated brass, with white O-ring



code	size	PN	Tmax	pcs / pack	pcs / box
CA/ZG-KG15B-O-OPAK	1/2"	10 bar	90 °C	10	100

RADIATOR CAP

CW617N nickel-plated brass, with chrome O-ring



code	size	PN	Tmax	pcs / pack	pcs / box
CA/ZG-KG15CH-O-OPAK	1/2"	10 bar	90 °C	10	80

ALUMINIUM RADIATOR NIPPLE

made of galvanised steel



code	size	PN	Tmax	pcs / pack	pcs / box
CA/ZG-NGA25-OPAK	1"	10 bar	90 °C	10	40

KEYS FOR THE AIR VENT

VENT KEY

metal from zamak - zinc-aluminium alloy



size	code	pcs / pack	pcs / box
-	CA/ZG-KOM-OPAK	10	250

VENT KEY

keychain



size	code	pcs / pack
-	CA/ZG-A-KO	-

ANGLE WATER FILTER SPARE PARTS

STRAINER BASKET FOR THE FILTER

metal



size	code	pcs / pack	pcs / box
1/2"	CA/KFSW-15	1	-
3/4"	CA/KFSW-20	1	-
1"	CA/KFSW-25	1	-
1 1/4"	CA/KFSW-32	1	-
1 1/2"	CA/KFSW-40	1	-
2"	CA/KFSW-50	1	-

FILTER GASKET



size	code	pcs / pack	pcs / box
1/2"	CA/UFSW-15-OPAK	10	-
3/4"	CA/UFSW-20-OPAK	10	-
1"	CA/UFSW-25-OPAK	10	-
1 1/4"	CA/UFSW-32-OPAK	10	-
1 1/2"	CA/UFSW-40-OPAK	10	-
2"	CA/UFSW-50-OPAK	10	-

UNIONS SPARE PARTS

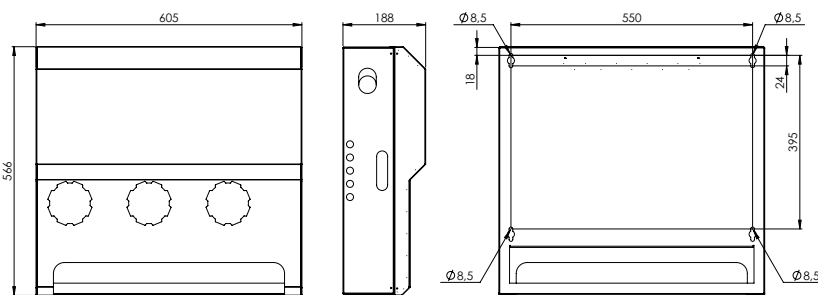
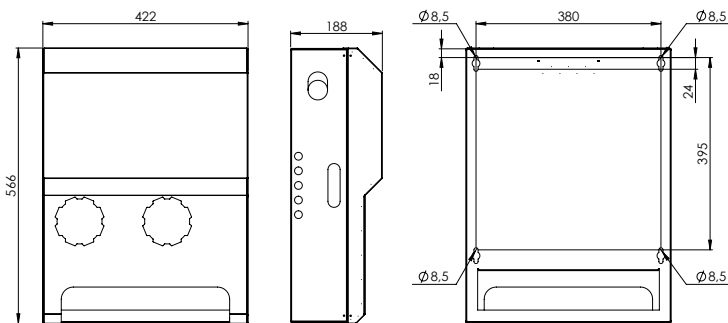
UNION SEAL



size	code	pcs / pack	pcs / box
1/2"	GU-USZ.SR.15	-	100
3/4"	GU-USZ.SR.20	-	100
1"	GU-USZ.SR.25	-	100
1 1/4"	GU-USZ.SR.32	-	100
1 1/2"	GU-USZ.SR.40	-	100
2"	GU-USZ.SR.50	-	100
2 1/2"	GU-USZ.SR.65	-	100
3"	GU-USZ.SR.80	-	50
4"	GU-USZ.SR.100	-	35

SPARE PARTS FOR PUMP GROUPS

CABINETS FOR PUMP GROUPS



type	code	pcs / pack	pcs / box
2-SECTION	D/S-GP-A-SZAFKA 2S	-	1
3-SECTION	D/S-GP-A-SZAFKA 3S	-	1

MANIFOLDS FOR PUMP GROUPS



type	code	pcs / pack	pcs / box
2-SECTION	D/S-GPRT-A-R 2S	-	1
3-SECTION	D/S-GPRT-A-R 3S	-	1

COUPLING-MANIFOLDS FOR PUMPING GROUPS



type	code	pcs / pack	pcs / box
2-SECTION	D/S-GPT-A-SR 2S	-	1
3-SECTION	D/S-GPT-A-SR 3S	-	1

MIXING SYSTEMS SPARE PARTS

TWO-SIDED SWIVEL UNION

brass M-M



size	code	pcs / box
1"	CA/KG-DLO-ZZ25	

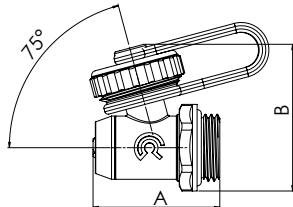
MANIFOLD SPARE PARTS

DRAIN VALVE M

for manifolds

T max 130°C

PN 16 bar



size	code	A (mm)	B (mm)	pcs / pack	pcs / box
1/2"	CA/ZS-RN15	39	45	20	120

MANIFOLD HANDLES



description	code	pcs / box
HANDLEs - to manifold, adjustable (2 pieces)	D/S-A-UR	40

PLUG



description	size	code	pcs / box
brass	1"	D/S-A-KR25	

NIPPLE



description	size	code	pcs / box
to manifold, short with o-ring	1/2" x 3/4"	D/S-A-NKR1520	288

NIPPLE



description	size	code	pcs / box
to manifold with regulation valve, short with white o-ring	1/2" x 3/4"	D/S-A-NKRB1520	288

NIPPLE



description	size	code	pcs / box
long, with o-ring	1/2" x 3/4"	D/S-A-NDR1520	288

FLOW METER



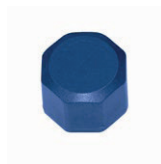
description	size	code	pcs / box
flow and control range 0-3 l/min.	1/2"	D/S-A-PR15	200

FLOWMETER GLASS



scale range	code	pcs / box
0,5-5 l/min	D/S-A-WP	500

KNOB



description	size	code	pcs / box
blue	M30 x 1,5	D/S-A-PNR	600

KNOB



description	size	code	pcs / box
red, with screw	-	D/S-A-PRCS	600

KNOB



description	size	code	pcs / box
blue, with screw	-	D/S-A-PRNS	600

INSERT



description	size	code	pcs / box
thermostatic, with o-ring	1/2"	D/S-A-WTR15	200

INSERT



description	size	code	pcs / box
adjustable, with o-ring	1/2"	D/S-A-WRR15	300

PRESS-IN CONNECTORS SPARE PARTS

SLEEVES FOR A PRESS-IN CONNECTORS



size	code	pcs / box
16 x 2	IC-C10400GH01	150
20 x 2	IC-C10400BQ01	150
25 x 2,5	IC-C10400GO01	100
26 x 3	IC-C10400GP01	50
32 x 3	IC-C10400GQ01	50

RINGS FOR PRESS-IN CONNECTORS



size	code	pcs / box
16 x 2	IC-C22400GH250	150
20 x 2	IC-C22400BQ250	150
25 x 2,5-26 x3	IC-C22400GP250	150
32 x 3	IC-C22400GQ250	50

PUMP SPARE PARTS

PUMP HALF-UNION SET



size	code	pcs / bag
1 1/2"x1"	CI-PPS-25x40	1 set
1 1/4"x2"	CI-PPS-50X32	1 set

PUMP HALF-UNION SEAL



size	code	pcs / bag
1 1/2"	CI-UPS-11/2	10

ELECTRONIC PUMP PLUG



code	pcs / bag
CI-WPE	1

TORIO PUMP PLUG



code	pcs / bag
CI-WPT	1

MERCURIO PUMP PLUG



code	pcs / bag
CI-WPM	1

TITANIO PWM PUMP CABLE

PWM cable (impulse width modulation)



code	pcs / bag
CI-A-PWM	1

TITANIO PWP PUMP CABLE

1.5 m cable with a pump plug



code	pcs / bag
CI-A-PWP	1

8

ISO Certificates and Patents



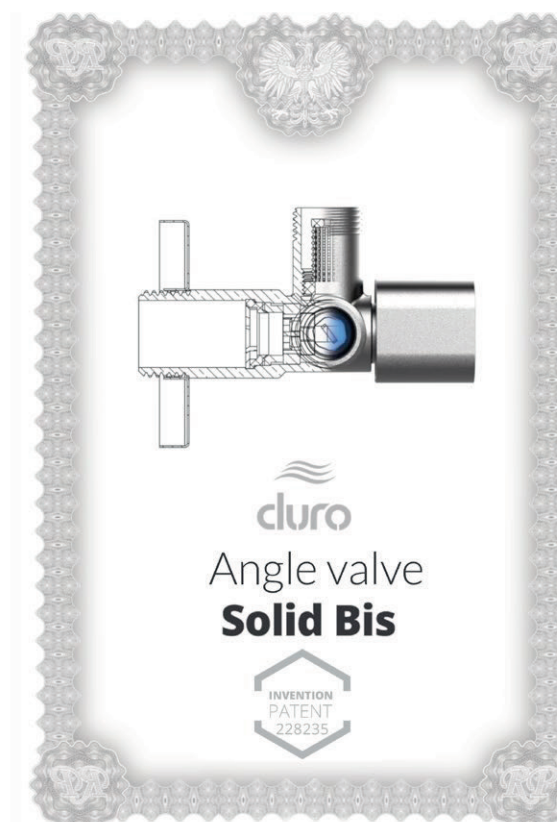
➤ ISO CERTIFICATE



➤ INVENTION PATENT NO. 228217



➤ INVENTION PATENT NO. 228235



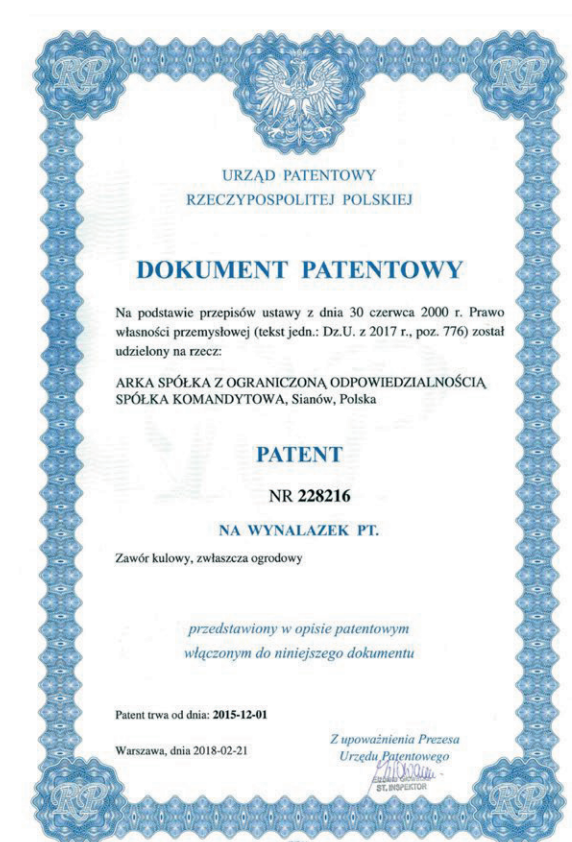
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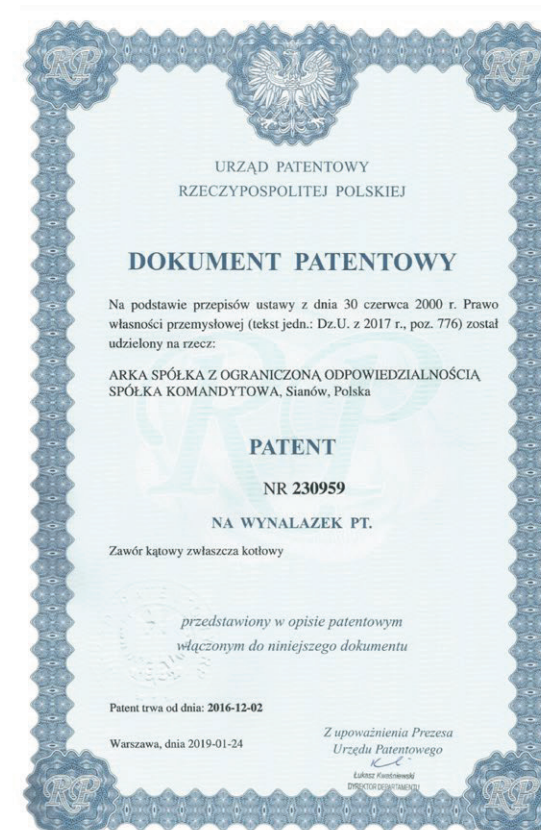
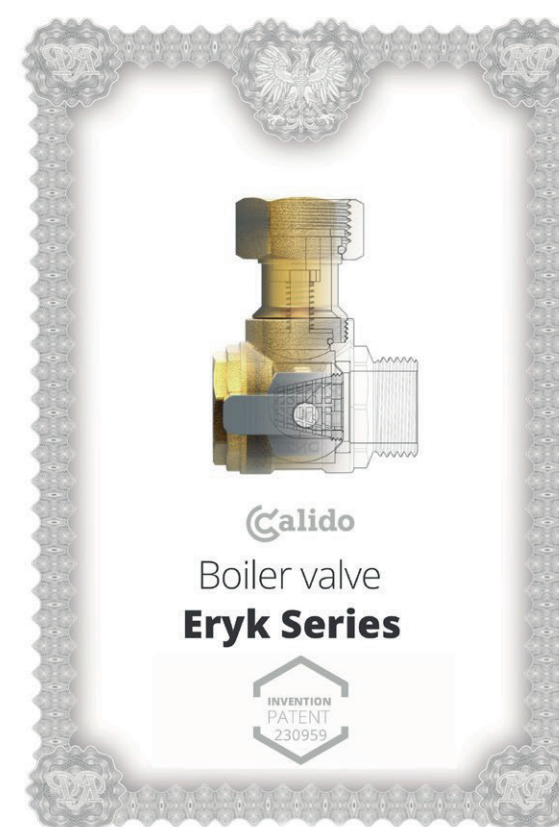
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➤ INVENTION PATENT NO. 228216



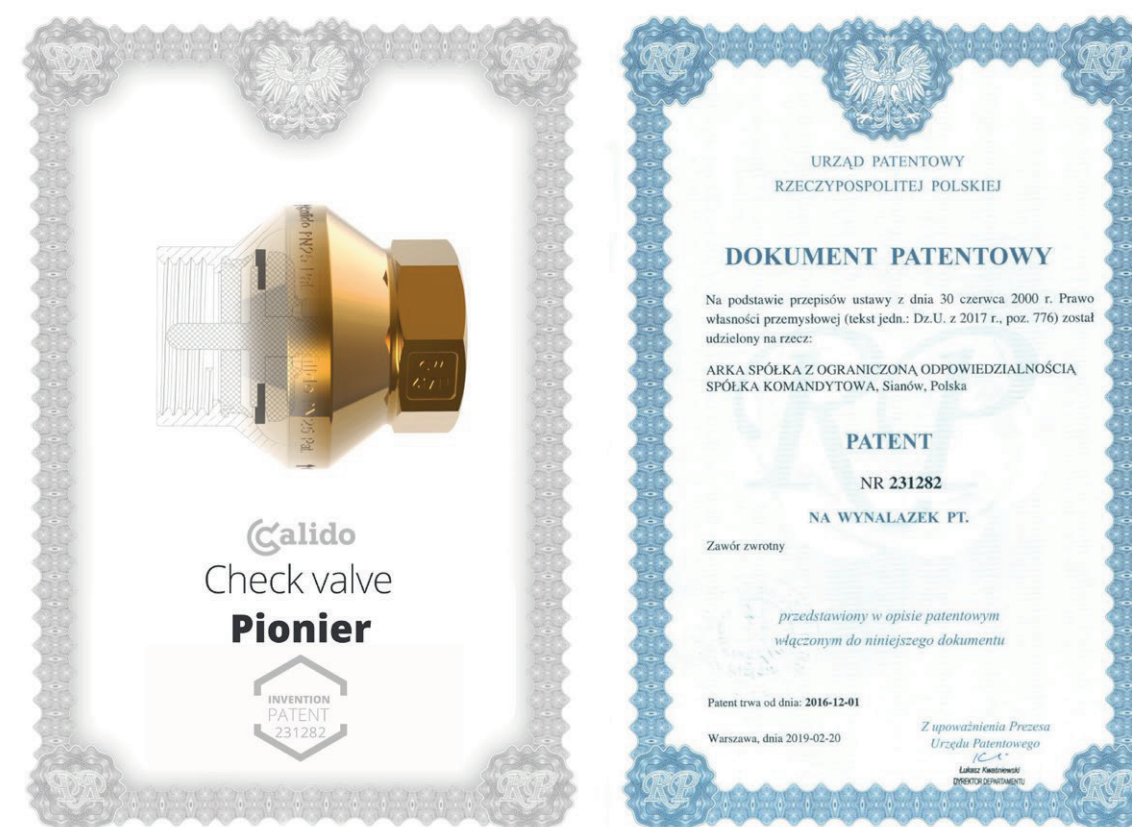
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➤ PROTECTION CERTIFICATE NO. 69947



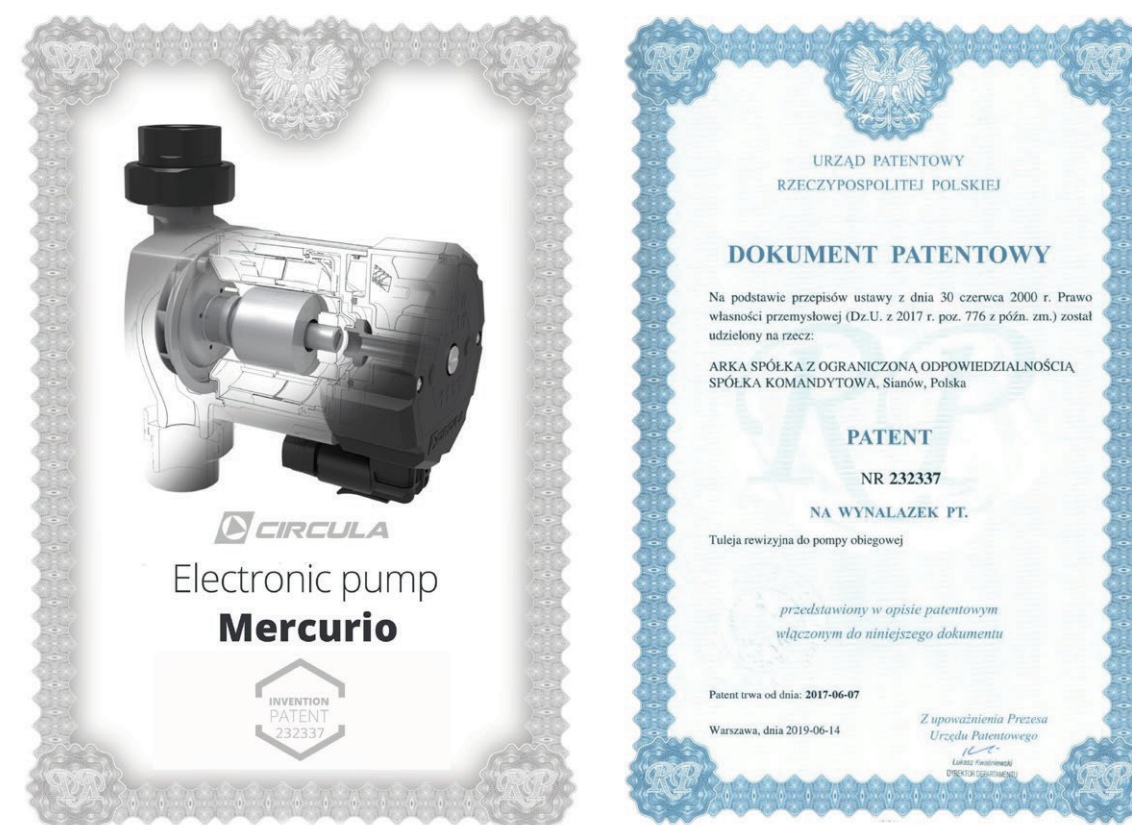
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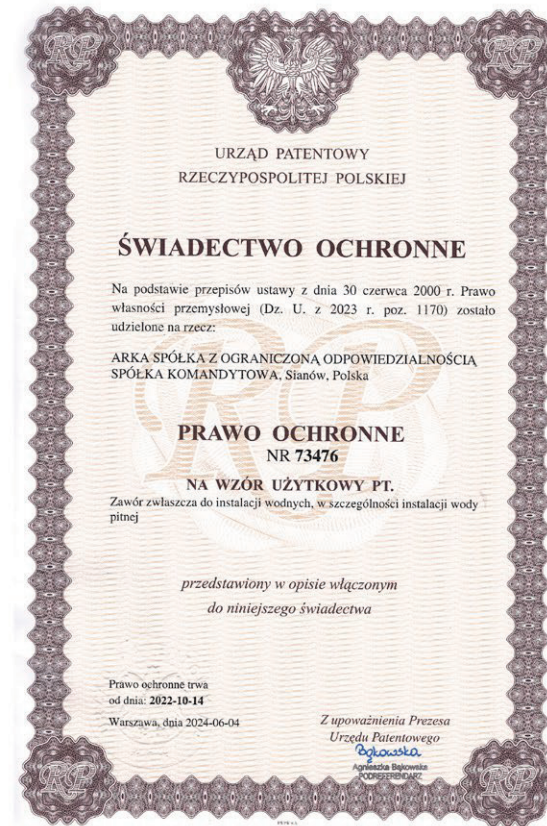
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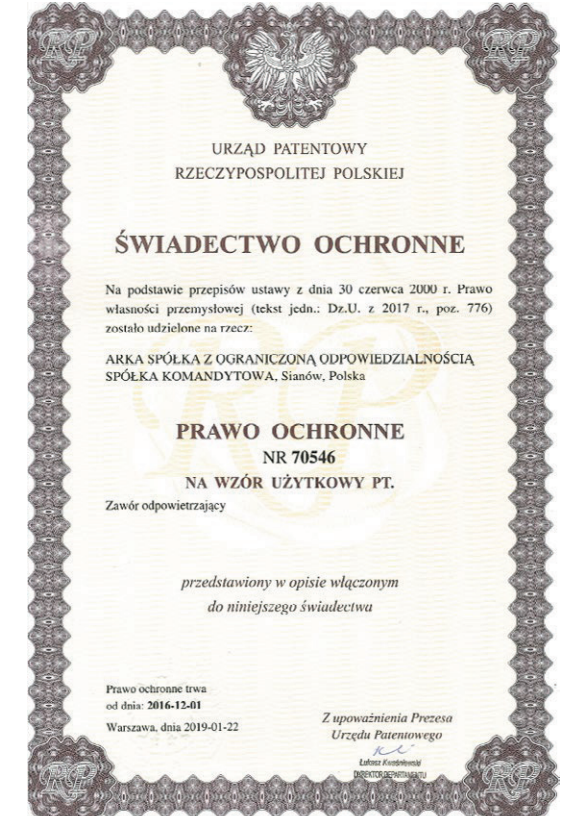
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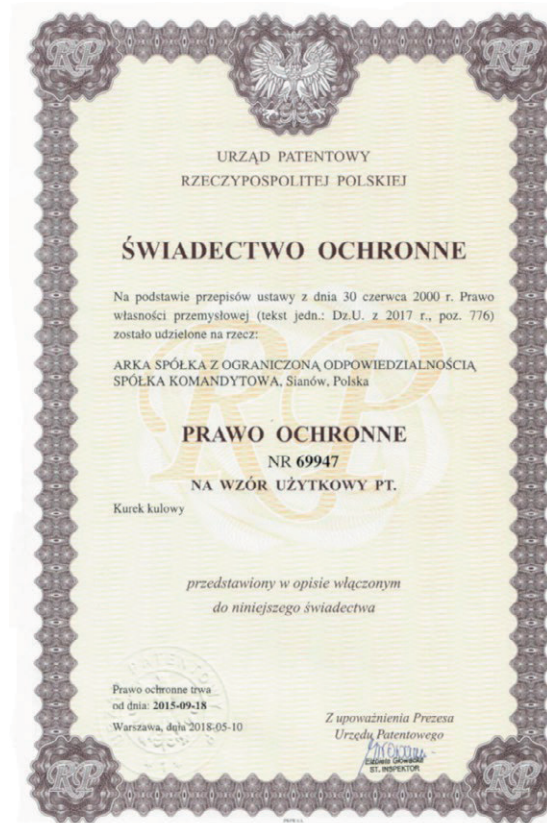
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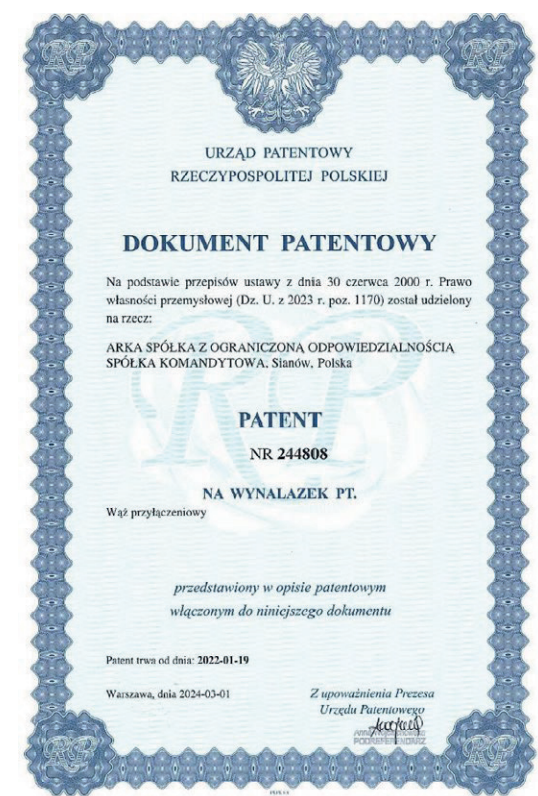
➤ PROTECTION CERTIFICATE NO. 70546



➤ PROTECTION CERTIFICATE NO. 69947



➤ PATENT NO. 244808



➤ **NOTEBOOK**



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