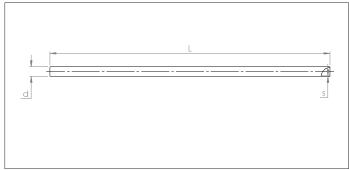
High vacuum ducting

Galvanized ducting
Stainless steel ducting
Accessories



CAAA Pipes





CAAA Pipes

Longitudinally welded pipes with a thickness of 1.25 to 2 mm and completely airtight in standard lengths of 3 or 6 meters.

Material

Sendzimir galvanized DX51 - Z200.

Type

With straight edges for a good connection with pipe connectors.

3 m pipes

Ød	Code	Ø	L	S	Weight
		mm	mm	mm	kg
50	CAAA000010	50	3000	1.20	4.40
63	CAAA000011	63	3000	1.20	5.55
76	CAAA000012	76	3000	1.50	8.38
89	CAAA000013	89	3000	1.50	9.81
102	CAAA000014	102	3000	1.50	11.26
114	CAAA000015	114	3000	1.50	12.58
127	CAAA000016	127	3000	1.50	14.00
152	CAAA000017	152	3000	2.00	16.76
203	CAAA000018	203	3000	2.00	22.38

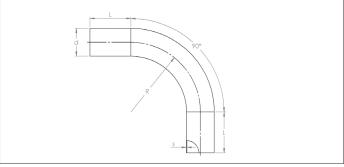
6 m pipes

Ød	Code	Ø	L	S	Weight
		mm	mm	mm	kg
50	CAAA000001	50	6000	1.20	8.80
63	CAAA000002	63	6000	1.20	11.10
76	CAAA000003	76	6000	1.50	16.76
89	CAAA000004	89	6000	1.50	19.62
102	CAAA000005	102	6000	1.50	22.52
114	CAAA000006	114	6000	1.50	25.16
127	CAAA000007	127	6000	1.50	28.00
152	CAAA000008	152	6000	2.00	35.52
203	CAAA000009	203	6000	2.00	44.76



CABA Bends





CABA Bends

Longitudinally welded bends with a thickness of 1.5 to 2 mm and completely airtight available in 45° and 90° .

They are attached to the pipe by means of pipe connectors.

Material

Electro-galvanized blacksteel (10µm).

Type

With straight edges for a good connection with pipe connectors.

45° bends

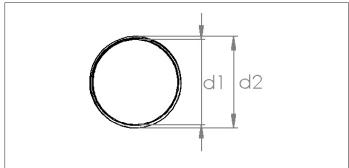
Ød	Code	Ø	R	L	S	Weight
		mm	mm	mm	mm	kg
50	CABA000010	50	125.0	150	1.5	0.6
63	CABA000011	63	157.5	150	1.5	0.8
76	CABA000012	76	190.0	150	1.5	1.2
89	CABA000013	89	178.0	150	2.0	1.6
102	CABA000014	102	254.0	170	2.0	2.2
114	CABA000015	114	207.0	179	2.0	2.3
127	CABA000016	127	317.5	170	2.0	3.1
152	CABA000017	152	305.0	400	2.0	5.0
203	CABA000018	203	400.0	100	2.0	5.2

90° bends

Ød	Code	Ø	R	L	S	Weight
		mm	mm	mm	mm	kg
50	CABA000001	50	125.0	150	1.5	0.8
63	CABA000002	63	157.5	150	1.5	1.1
76	CABA000003	76	190.0	150	1.5	1.3
89	CABA000004	89	178.0	150	2.0	1.9
102	CABA000005	102	254.0	170	2.0	3.4
114	CABA000006	114	207.0	179	2.0	3.7
127	CABA000007	127	317.5	170	2.0	4.8
152	CABA000008	152	305.0	400	2.0	5.1
203	CABA000009	203	400.0	100	2.0	8.8

CZBA Flexible bends





CZBA Flexible bends

Universal flexible bends for the suction of dusts, chips, metal particles, gases, etc., in the wood industries, furniture manufacturing, mechanical and metallurgic industries and other industries.

These are held in place on the ductwork by means of the GADB hose clamps (see Connecting components).

The exterior diameter is measured from the top of the corrugations.

Advantages

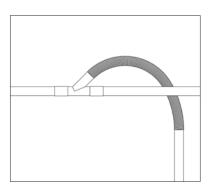
- Light and very flexible.
- Excellent bend radius.
- Recommended when low weight and easy handling are valued.

Technical characteristics

- Inner tube: wear resistant SBR/NR, black, smooth.
- Reinforcement: synthetic textile with embedded steel helix.
- Outer coating: wear and weather resistant SBR/NR, black, corrugated.
- Temperature range: -40°C to +90°C.
- Electrical properties: conductive tube and outer coating, $R<10^{\rm 6}~\Omega/cm.$

Options

- HD version (High density), identical as above but thicker.



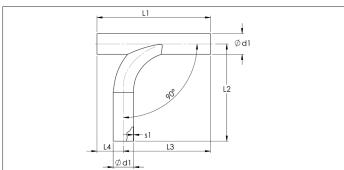
Example of bend installed in ductwork

Ø d	Code	d1 Ø	d2 Ø	Max. bend radius	Max. underpressure	Weight
		mm	mm	mm	bar	kg
51	CZBA000001	50	56	70	0.90	0.63
63	CZBA000002	63	68	95	0.90	0.72
76	CZBA000003	76	81	115	0.90	0.86
102	CZBA000004	102	108	145	0.90	1.32
127	CZBA000005	127	134	170	0.70	1.63
152	CZBA000006	152	159	195	0.40	1.94
203	CZBA000007	203	211	245	0.15	3.06



CACA Curved branches





CACA Curved branches

High vacuum branches developed with a curved bend at 90° for a better airflow.

This also means that less components are needed for the mounting (no extra bend and connector) which in turn reduces the mounting time.

They are attached to the pipe by means of pipe connectors.

Material

Sendzimir galvanized.

Type

With straight edges for a good connection with pipe connectors.

Advantages

- Better airflow
- Less connectors for the assembly of the installation
- Less mounting time on site

Ød	Code	Li	L2	L3	L4	S1	Weight
		mm	mm	mm	mm	mm	kg
50	CACA000001	350	265	225	125	1.5	1.02
63	CACA000002	350	300	268	81	1.5	1.48
76	CACA000003	400	348	315	85	1.5	1.96



CACB 45° Branches



45° d2

CACB 45° Branches

Fully welded branches at 45° with a thickness of 1.5 to 2 mm and completely airtight.

They are attached to the pipe by means of pipe connectors.

Material

Electro-galvanized blacksteel (10µm).

Type

Туре	Code	d1	d2	Lt	L2	L3	S	Weight
		Ø mm	Ø mm	mm	mm	mm	mm	kg
050-038	CACB000001	50	38	300	170	115	1.25	0.7
050-050	CACB000002	50	50	300	170	115	1.5	0.7
063-050	CACB000003	63	50	300	180	115	1.5	0.9
063-063	CACB000004	63	63	300	168	118	1.5	0.9
076-050	CACB000005	76	50	300	184	115	1.5	1.0
076-063	CACB000006	76	63	300	177	117	1.5	1.2
076-076	CACB000007	76	76	300	180	120	1.5	1.3
089-089	CACB000008	89	89	300	185	115	2.0	1.2
102-050	CACB000009	102	50	400	269	150	2.0/1.5	1.7
102-063	CACB000010	102	63	400	261	109	2.0/1.5	2.3
102-076	CACB000011	102	76	400	254	165	2.0/1.5	2.0
102-102	CACB000012	102	102	400	245	125	2.0	2.0
114-114	CACB000013	114	114	400	275	130	2.0	2.3
127-050	CACB000014	127	50	400	290	125	2.0/1.5	2.0
127-063	CACB000015	127	63	400	278	115	2.0/1.5	2.8
127-076	CACB000016	127	76	400	280	110	2.0/1.5	3.1
127-102	CACB000017	127	102	400	275	130	2.0	2.4
127-127	CACB000018	127	127	400	310	135	2.0	2.5
152-050	CACB000019	152	50	500	345	160	2.0/1.5	4.1
152-063	CACB000020	152	63	500	340	160	2.0/1.5	3.8
152-076	CACB000021	152	76	500	350	165	2.0/1.5	4.2
152-102	CACB000022	152	102	500	350	165	2.0	4.1
152-127	CACB000023	152	127	500	340	180	1.5	5.2
152-152	CACB000024	152	152	500	375	180	2.0	4.6
203-050	CACB000025	203	50	600	400	180	2.0/1.25	6.2
203-063	CACB000026	203	63	600	340	250	2.0/1.25	6.4
203-076	CACB000027	203	76	600	470	165	2.0/1.5	6.5
203-102	CACB000028	203	102	600	400	200	2.0/1.5	6.9
203-127	CACB000029	203	127	600	460	160	2.0/1.5	7.0
203-152	CACB000030	203	152	600	450	190	2.0	8.0
203-203	CACB000031	203	203	600	430	210	2.0	8.2

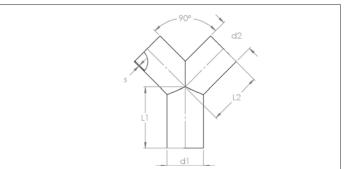
CACC 45° Trousers



CACC 45° Trousers

Fully welded trousers at 45° with a thickness of 1.5 to 2 mm and completely airtight.

They are attached to the pipe by means of pipe connectors.



Material

Electro-galvanized blacksteel (10µm).

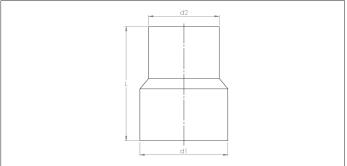
Type

Туре	Code	Ø d1/d2	Li	L2	S	Weight
		mm	mm	mm	mm	kg
50-50	CACC000001	50	165	130	1.5	1.00
63-63	CACC000002	63	165	130	1.5	1.10
76-76	CACC000003	76	165	135	1.5	1.20
89-89	CACC000004	89	180	150	1.5	1.30
102-102	CACC000005	102	160	150	2.0	1.80
114-114	CACC000006	114	220	220	1.5	2.40
127-127	CACC000007	127	230	210	1.5	2.60
152-152	CACC000008	152	230	225	2.0	3.80
203-203	CACC000009	203	240	250	2.0	4.20



CAEA Tapers





CAEA Tapers

Fully welded tapers with a thickness of 1.25 to 2 mm and completely airtight.

They are attached to the pipe by means of pipe connectors.

Material

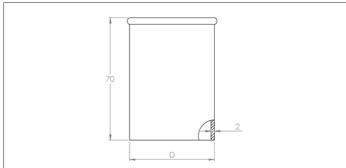
Electro-galvanized blacksteel (10µm).

Type

Туре	Code	d1	d2	L	S	Weight
		Ø mm	Ø mm	mm	mm	kg
050-038	CAEA000001	50	38	120	1.5	0.2
063-050	CAEA000002	63	50	165	1.5	0.3
076-050	CAEA000003	76	50	165	1.5	0.5
076-063	CAEA000004	76	63	170	1.5	0.3
089-076	CAEA000005	89	76	150	1.5	0.4
102-063	CAEA000006	102	63	170	1.5/1.25	0.5
102-076	CAEA000007	102	76	170	1.5	0.4
102-089	CAEA000008	102	89	150	2.0	0.4
114-102	CAEA000009	114	102	200	1.5	0.8
127-050	CAEA000010	127	50	250	1.5/1.25	0.8
127-063	CAEA000011	127	63	250	1.5/1.25	0.9
127-076	CAEA000012	127	76	250	1.5	0.8
127-102	CAEA000013	127	102	250	2.0	1.1
152-076	CAEA000014	152	76	250	2.0/1.5	1.2
152-102	CAEA000015	152	102	250	2.0	1.3
152-127	CAEA000016	152	127	250	2.0	1.0
203-050	CAEA000017	203	50	250	2.0/1.5	1.4
203-063	CAEA000018	203	63	250	2.0/1.5	1.4
203-076	CAEA000019	203	76	250	2.0/1.5	1.5
203-102	CAEA000020	203	102	250	2.0/1.5	1.6
203-127	CAEA000021	203	127	250	2.0/1.5	1.7
203-152	CAEA000022	203	152	250	2.0	1.9

CAGA End caps





CAGA End caps

Fully welded end caps with a thickness of 2 mm and completely airtight. Designed to close off a line.

They are attached to the pipe by means of a pipe connector.

Material

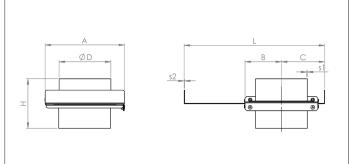
Electro-galvanized blacksteel (10µm).

Type

Ød	Code	Ø	L	S	Weight
		mm	mm	mm	kg
50	CAGA000001	50	70	1.5	0.16
63	CAGA000002	63	70	1.5	0.20
76	CAGA000003	76	70	1.5	0.25
89	CAGA000004	89	70	1.5	0.30
102	CAGA000005	102	70	2.0	0.35
114	CAGA000006	114	70	1.5	0.40
127	CAGA000007	127	70	2.0	0.50
152	CAGA000008	152	70	1.5	0.60
203	CAGA000009	203	70	1.5	0.90

CADA Manual sliding dampers





CADA Manual sliding dampers

Manual sliding dampers with gaskets, the air-tightness is achieved by two seals of EPDM and plastic. The plastic seal can be replaced by Teflon depending on the temperature.

They are attached to the pipe by means of pipe connectors.

Material

Electro-galvanized blacksteel (10 μ m) with EPDM and plastic seals.

Type

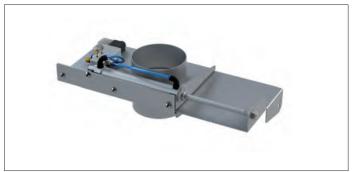
With straight edges for a good connection with pipe connectors.

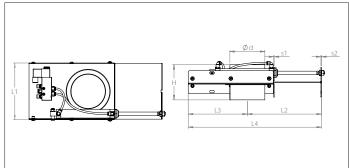
Options

- Teflon instead of plastic gaskets

Ø	Code	Α	В	С	н	L	S1	S2	Weight
		mm	kg						
50	CADA000001	157	73	92	243	274	1.5	2.0	1.71
63	CADA000002	157	73	92	234	274	1.5	2.0	1.75
76	CADA000003	157	73	92	224	274	1.5	2.0	1.84
89	CADA000004	177	82	92	224	274	1.5	2.0	2.02
102	CADA000005	177	82	101	234	313	1.5	2.0	2.23
114	CADA000006	201	95	114	234	358	1.5	2.0	2.50
127	CADA000007	201	95	114	234	358	1.5	2.0	2.78
152	CADA000008	226	107	126	234	413	1.5	2.0	3.33
203	CADA000009	276	132	151	234	513	1.5	2.0	4.44

CADB Pneumatic sliding dampers





CADB Pneumatic sliding dampers

The CADB sliding dampers are activated by pneumatic cylinders and monostable solenoid valve, the air-tightness is achieved by two seals of EPDM and plastic. The plastic seal can be replaced by Teflon depending on the temperature.

The use of the CADB pneumatic sliding dampers optimizes the installation and allows that only the machines needed are used. This also allows for lower running costs.

They are attached to the pipe by means of pipe connectors.

Material

Electro-galvanized blacksteel (10µm) with EPDM and plastic seals. Cylinder in Aluminum alloy body and chrome carbon steel rod.

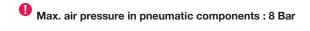
Type

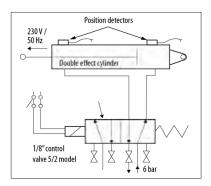
With straight edges for a good connection with pipe connectors. Ø 50 up to Ø 152 mm : 1 cylinder. Ø 203 mm : 2 cylinders.

Options

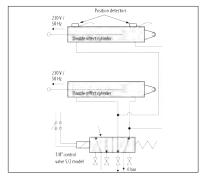
- Teflon instead of plastic gaskets
- cover house
- position indicators (5/250 V AC- DC IP 67)
- other types of solenoid valves (bistable, manual, ATEX)
- double pneumatic cylinders
- other types of cylinders (high temperature, ATEX)

Please state the voltage when ordering: 24 V AC, 24 V DC, 220 V AC





Connection of a linear pneumatic cylinder for pneumatic sliding dampers diameter Ø 50 up to Ø 152 mm.



Connection of two linear pneumatic cylinders for pneumatic sliding damper diameter Ø 203 mm.



Pneumatic sliding damper cover house option.

Ø	Code	L1	L2	L3	L4	Н	S1	\$ 2	Weight
		mm	kg						
50	CADB+Ø+Voltage	139	173	128	301	245	1.5	2.0	2.4
63	CADB+Ø+Voltage	139	173	128	301	245	1.5	2.0	2.5
76	CADB+Ø+Voltage	157	195	150	345	245	1.5	2.0	2.6
89	CADB+Ø+Voltage	177	225	180	405	245	1.5	2.0	2.9
102	CADB+Ø+Voltage	177	225	180	405	245	15	2.0	3.3
114	CADB+Ø+Voltage	201	264	218	482	245	1.5	2.0	3.7
127	CADB+Ø+Voltage	201	264	218	482	245	1.5	2.0	4.1
152	CADB+Ø+Voltage	226	300	255	555	245	1.5	2.0	4.9
203	CADB+Ø+Voltage	276	378	330	708	245	1.5	2.0	6.6

AADF Cover houses for CADB sliding dampers

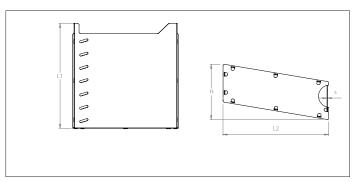


AADF cover houses for CADB sliding dampers

Cover houses for pneumatic sliding dampers, for protection against the moving parts attached with bolts/nuts onto the damper body.

Produced in 1 mm sendzimir galvanized sheet metal.

For the $\ensuremath{\mathcal{O}}$ 203 mm the protection houses offer space for 2 pneumatic cylinders.



Material

Sendzimir galvanized DX51 DZ 275 MAC.

Туре

Laser cut sheets asembled together.

Options

- other sheet thickness
- other materials



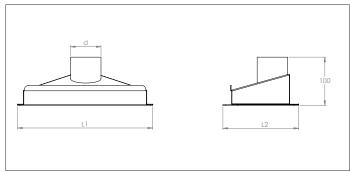
Cover house mounted on pneumatic sliding damper.

Ø	Code	Lf	L2	Н	s	Weight
		mm	mm	mm	mm	kg
50 / 63	AADF000023	142	141	132	1.00	0.70
76	AADF000001	149	160	132	1.00	0.84
89 / 102	AADF000002	169	180	132	1.00	0.93
114 / 127	AADF000003	207	203	132	1.00	1.20
152	AADF000005	217	228	132	1.00	1.35
203	AADF000008	270	279	132	1.00	1.90



CAGB Sweep-ups





CAGB Sweep-ups

The CAGB Sweep-ups are designed for the collection of debris on the floor.

A sliding damper needs to be forseseen on the ducting before the sweep-up.

They are attached to the pipe by means of a pipe connector.

Material

Sendzimir galvanized.

Type

Ø	Code	L1	L2	Weight
		mm	mm	kg
32	CAGB000001	139	173	0.35
38	CAGB000002	139	173	0.40
50	CAGB000003	139	173	0.50
63	CAGB000004	139	173	0.90
76	CAGB000005	157	195	1.30



CZEA Injection pipes





CZEA Injection pipes

The Venturi injection pipes make it possible to create a centralized cleaning system on an existing medium pressure industrial ducting system.

It is also a reliable and ecomonic transport method for powders, granulates and other objects.

The suction power of the transport is adjusted according to the inlet speed. With its compact size, it is installed as close as possible to the workspace for an optimal efficiency.

These pipes are available in three standard models from 25 to 50 mm internal.

The electrovalves are fed by inertia and only consume energy when in use. The outlet pressure allows for the use of a filter, cyclone or other methods of waste filtration.

Characteristics

- In-line venturi designed for the pneumatic transport and centralized cleaning
- Completely static, starts and stops immédiately
- To be installed in line in centralized cleaning ducting
- from 0 to about 10 kg/min of transported material
- Different types of executions depending on the use
- No moving parts, no seals
- Passage diameter from 25 to 50 mm

Technical information

Fluid: Compressed air
Optimal pressure: 5,5 bars
Pressure range: 0 to 10 bars
Consumption: See table

Temperature range : -50° to +250 °C (AISI version)

Functionning principle

Compressed air is injected in the exterior ring which contains 6 conduits directed towards the inside of the central tube. At the outlets of these conduits, the air reaches supersonic speed. The exterior air is then sucked into the central tube and turns making an helicoidal

This cyclonic movement creates a strong airflow which can carry materials into the tube and then into the rest of the ducting along tens of meters.

Applications

- Enables the user to connect a high pressure system to a mid-pressure installation
- Transport of powders, granulates and objects
- To increase the efficiency of a centralized system
- Evacuate debris and waste (wood, leather, string, cardboard, fiber, ink, paper & chips)

Safety advice

Always earth the pipe to avoid electrostatic build-up.

Material

Anodized aluminum

Accessories:

- see frames below

Options

- Stainless steel
- Imperative 5µ filtration



Connector 1/2" - 3/8"



Regulator 1/2"



Coupling 3/8" Male or Female



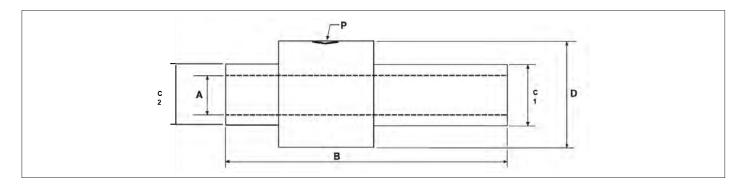
Male stud 1/2"



Female stud 1/2"



CZEA Injection pipes



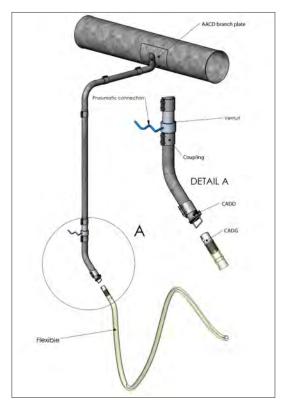
Dimensions:

Туре	Code	d int. A	В	Ø C1	Ø C2	Ø D	Connection
		Ø mm	mm	mm	mm	mm	
38-38	CZEA000001	25	190	37.7	37	57	G 3/8
50-50	CZEA000002	38	190	50.3	49.7	70	G 3/8
63-63	CZEA000003	50	190	63.1	62.4	82	G 3/8

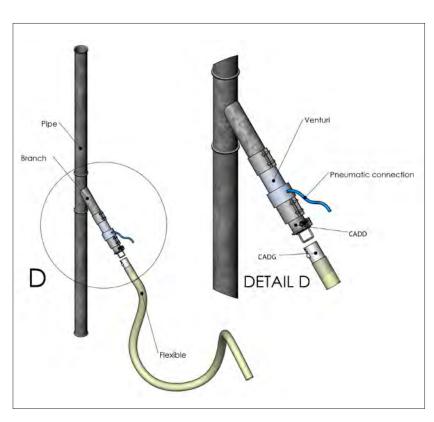
Consumption:

Code	Max. pressure	Air Volume	Consumption	Air speed
	in mbar < Patm.	in N/m³h	in NI/min	in m/s
	at 5.5 bar	at 5.5 bar	at 5.5 bar	at 5.5 bar
CZEA000001	195	162	1350	88
CZEA000002	85	342	1350	83
CZEA000003	50	510	1350	70

Installation:



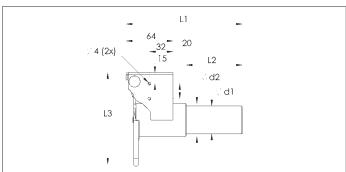
> Simple and economical connection to an industrial ducting system



> Simple and economical connection to a centralized cleaning system

CADC SL2 Leaf valves





CADC SL2 Leaf valves

The CADC SL2 leaf valves can be mounted on the ducting and are designed to connect flexible hoses by means of a flexible hose connector CAEB RL and SL2.

The pipe side of the leaf valve is the same diameter as the pipe and is connected by means of a pipe connector.

A position indicator can be added to the lid support to automatically start the installation when the lid is opened (sold separately).

Material

2 mm electro-galvanized blacksteel (10µm).

Type

With a self-closing spring-mounted lid.

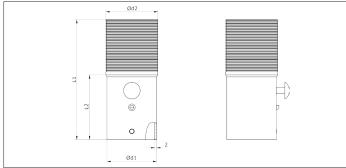
Options

- Position indicator (NCED000038)

Туре	Code	d1	d2	Li	L2	L3	Weight
		Ø mm	Ø mm	mm	mm	mm	kg
38-38	CADC000004	38	45	157	76	125	0.70
50-50	CADC000005	50	55	157	76	135	0.90
63-63	CADC000006	63	74	157	76	153	1.25
76-76	CADC000007	76	83	157	76	163	1.46

CAEB SL2 Hose connectors





CAEB SL2 Flexible connectors

For a quick and easy connection of the flexible hose into the leaf valves of an installation.

Can be conbined with the CADC RL and SL2 leaf valves.

A hose ring is recommended to hold the flexible hose in place.

Material

2 mm electro-galvanized blacksteel (10µm).

Type

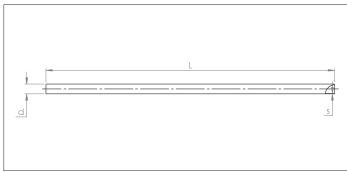
Equipped with a release button.

Type	Code	d1	d2	Li	L2	Weight
		Ø mm	Ø mm	mm	mm	kg
38-38	CAEB000020	37.5	38	145	80	0.18
50-38	CAEB000021	47.5	38	145	80	0.23
50-45	CAEB000022	47.5	45	145	80	0.23
50-50	CAEB000023	47.5	50	145	80	0.23
63-50	CAEB000024	66.5	50	145	80	0.31
63-63	CAEB000025	66.5	63	145	80	0.31
76-50	CAEB000026	75.5	50	145	80	0.44
76-63	CAEB000027	75.5	63	145	80	0.44
76-76	CAEB000028	75.5	76	145	80	0.44



CBAA pipes





CBAA pipes

Longitudinally welded pipes with a thickness of 1.5 to 2 mm and completely airtight with standard lengths of 3 or 6 meters.

Material

Stainless steel AISI 304L (1.4307) - DIN 11850.

Type

With straight edges for a good connection with pipe connectors.

6 m pipes

Ød	Code	Ø	L	S	Weight
		mm	mm	mm	kg
38	CBAA000001	38	6000	1.5	9.40
50	CBAA000002	50.8	6000	1.5	11.15
63	CBAA000003	63.5	6000	1.5	14.00
76	CBAA000004	76.1	6000	1.5	17.00
102	CBAA000005	101.6	6000	2.0	32.00

3 m pipes

Ød	Code	Ø	L	S	Weight
		mm	mm	mm	kg
38	CBAA000006	38	3000	1.5	4.70
50	CBAA000007	50.8	3000	1.5	5.60
63	CBAA000008	63.5	3000	1.5	7.00
76	CBAA000009	76.1	3000	1.5	8.50
102	CBAA000010	101.6	3000	2.0	16.00



CBBA bends

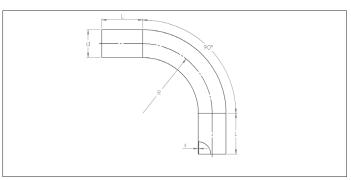


CBBA bends

They are attached to the pipe by means of a pipe connector.

completely airtight available in 45° and 90°.

Longitudinally welded bends with a thickness of 1.5 to 2 mm and



Material

Stainless steel AISI 304 (1.4301).

Туре

With straight edges for a good connection with pipe connectors.

45° bends

Ød	Code	Ø	R	L	S	Weight
		mm	mm	mm	mm	kg
38	CBBA000006	38	95.0	100	1.5	0.60
50	CBBA000007	50.8	125.0	150	1.5	0.70
63	CBBA000008	63.5	157.5	150	1.5	0.90
76	CBBA000009	76.1	190.0	150	1.5	1.20
102	CBBA000010	101.6	255.0	170	2.0	1.50

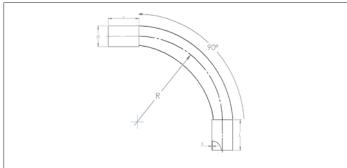
90° bends

Ø d	Code	Ø	R	L	S	Weight
		mm	mm	mm	mm	kg
38	CBBA000001	38	95.0	100	1.5	0.70
50	CBBA000002	50.8	125.0	150	1.5	0.90
63	CBBA000003	63.5	157.5	150	1.5	1.10
76	CBBA000004	76.1	190.0	150	1.5	1.60
102	CBBA000005	101.6	255.0	170	2.0	1.90



CBBB long radius bends





CBBB long radius bends

Longitudinally welded bends with a thickness of 1.5 to 2 mm and completely airtight available in 45° and 90° .

They are attached to the pipe by means of a pipe connector.

Material

Stainless steel AISI 304 (1.4301).

Type

With straight edges for a good connection with pipe connectors.

Options

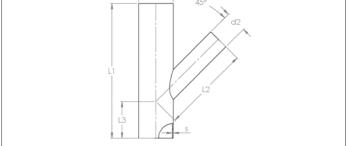
- Niro stainless steel
- Hardened glass with conductivity strip

Ød	Code	Code	Ø	R	L	S	Weight
	45°	90°	mm	mm	mm	mm	kg
38	CBBB000040	CBBB000044	38	250	200	1.5	2.3
38	CBBB000041	CBBB000045	38	500	200	1.5	4.6
38	CBBB000042	CBBB000046	38	800	200	1.5	7.6
38	CBBB000043	CBBB000047	38	1000	200	1.5	9.1
50	CBBB000015	CBBB000001	50.8	250	200	2.0	3.0
50	CBBB000025	CBBB000005	50.8	500	200	2.0	6.0
50	CBBB000030	CBBB000010	50.8	800	200	2.0	10.0
50	CBBB000035	CBBB000015	50.8	1000	200	2.0	12.0
63	CBBB000016	CBBB000040	63.5	160	200	2.0	3.8
63	CBBB000026	CBBB000006	63.5	500	200	2.0	7.6
63	CBBB000031	CBBB000011	63.5	800	200	2.0	12.6
63	CBBB000036	CBBB000016	63.5	1000	200	2.0	15.1
76	CBBB000017	CBBB000002	76.1	250	200	2.0	4.6
76	CBBB000027	CBBB000007	76.1	500	200	2.0	9.1
76	CBBB000032	CBBB000012	76.1	800	200	2.0	15.2
76	CBBB000037	CBBB000017	76.1	1000	200	2.0	18.2
89	CBBB000018	CBBB000003	88.9	250	200	2.0	5.4
89	CBBB000028	CBBB000008	88.9	500	200	2.0	10.7
89	CBBB000033	CBBB000013	88.9	800	200	2.0	17.8
89	CBBB000038	CBBB000018	88.9	1000	200	2.0	21.4
102	CBBB000019	CBBB000004	101.6	150	200	2.0	6.0
102	CBBB000029	CBBB000009	101.6	500	200	2.0	12.0
102	CBBB000034	CBBB000014	101.6	800	200	2.0	20.0
102	CBBB000039	CBBB000019	101.6	1000	200	2.0	24.0



CBCB 45° branches





CBCB 45° branches

Fully welded branches at 45° with a thickness of 1.5 to 2 mm and completely airtight.

They are attached to the pipe by means of a pipe connector.

Material

Stainless steel AISI 304 (1.4301).

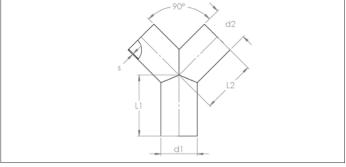
Type

Туре	Code	d1	d2	Li	L2	L3	S	Weight
		Ø mm	Ø mm	mm	mm	mm	mm	kg
050-050	CBCB000005	50.8	50.8	300	170	120	1.5	0.80
063-050	CBCB000006	63.5	50.8	300	170	130	1.5	0.90
063-063	CBCB000007	63.5	63.5	300	170	120	1.5	1.00
076-050	CBCB000008	76.1	50.8	300	175	130	1.5	1.20
076-063	CBCB000011	76.1	63.5	410	280	150	2.0	2.00
076-076	CBCB000009	76.1	76.1	300	170	125	1.5	1.50
102-102	CBCB000010	101.6	101.6	400	240	135	2.0	4.00



CBCC 45° trousers





CBCC 45° trousers

Fully welded trousers at 45° with a thickness of 1.5 to 2 mm and completely airtight.

They are attached to the pipe by means of a pipe connector.

Material

Stainless steel AISI 304 (1.4301).

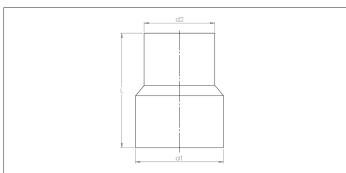
Type

Туре	Code	Ø d1/d2	ы	L2	S	Weight
		mm	mm	mm	mm	kg
50-50	CBCC000001	50.8	160	140	1.5	0.80
63-63	CBCC000002	63.5	160	140	1.5	1.00
76-76	CBCC000003	76.1	160	140	1.5	1.20
102-102	CBCC000004	101.6	160	160	2.0	2.00



CBEA tapers





CBEA tapers

Fully welded tapers with a thickness of 1.5 to 2 mm and completely airtight.

They have two straight parts on either side to easily attach to the pipes by means of a pipe connector.

Material

Stainless steel AISI 304 (1.4301).

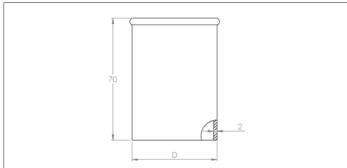
Type

Туре	Code	d1	d2	L	S	Weight
		Ø mm	Ø mm	mm	mm	kg
50-38	CBEA000001	50.8	38	150	1.5	0.20
63-50	CBEA000003	63.5	50.8	150	1.5	0.30
76-50	CBEA000004	76.1	50.8	200	2.0	0.50
76-63	CBEA000005	76.1	63.5	150	2.0	0.40
102-76	CBEA000006	101.6	76.1	300	2.0	1.30



CBGA end caps





CBGA end caps

Fully welded end caps with a thickness of 1.5 to 2 mm and completely airtight. They are designed to close off a line.

They are attached to the pipe by means of a pipe connector.

Material

Stainless steel AISI 304 (1.4301).

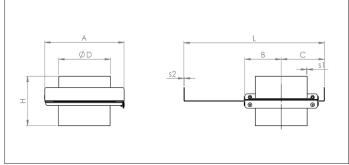
Type

Ød	Code	Ø	L	S	Weight
		mm	mm	mm	kg
50	CBGA00001	50.8	70	1.5	0.17
63	CBGA000002	63.5	70	1.5	0.21
76	CBGA000003	76.1	70	1.5	0.25
102	CBGA000004	101.6	70	2.0	0.45



CBDA manual sliding dampers





CBDA manual sliding dampers

Manual sliding dampers with gaskets, the air-tightness is achieved by two seals of EPDM and plastic. The plastic seal can be replaced by Teflon depending on the temperature.

They are attached to the pipe by means of a pipe connector.

Material

Stainless steel AISI 304 (1.4301) with EDPM and plastic seals.

Type

With straight edges for a good connection with pipe connectors.

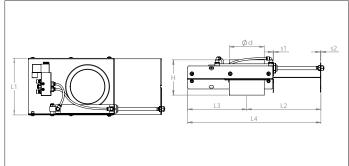
Options

- Teflon instead of plastic gaskets

Ø	Code	Α	В	С	н	L	S1	S2	Weight
		mm	mm	mm	mm	mm	mm	mm	kg
50	CBDA000001	157	73	92	243	274	1.5	2.0	1.71
63	CBDA000002	157	73	92	234	274	1.5	2.0	1.75
76	CBDA000003	157	73	92	224	274	1.5	2.0	1.84
102	CBDA000004	177	82	101	234	313	15	2.0	2.23

CBDB pneumatic sliding dampers





CBDB pneumatic sliding dampers

The CBDB sliding dampers are activated by pneumatic cylinders and monostable solenoid valve, the air-tightness is achieved by two seals of EPDM and plastic. The plastic seal can be replaced by Teflon depending on the temperature.

The use of the CBDB pneumatic sliding dampers optimizes the installation and allows that only the machines needed are used. This also allows for lower running costs.

They are attached to the pipe by means of a pipe connector.

Material

Stainless steel AISI 304 (1.4301) with EDPM and plastic seals. Cylinder in Aluminum alloy body and chrome carbon steel rod.

Type

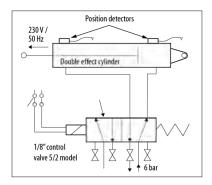
With straight edges for a good connection with pipe connectors. \emptyset 50 up to \emptyset 102 mm : 1 cylinder.

Options

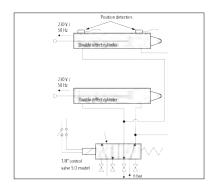
- Teflon instead of plastic gaskets
- cover house
- position indicators (5/250 V AC- DC IP 67)
- other types of solenoid valves (bistable, manual, ATEX)
- double pneumatic cylinders
- other types of cylinders (high temperature, ATEX)

Please state the voltage when ordering: 24 V AC, 24 V DC, 220 V AC

Max. air pressure in pneumatic components : 8 Bar



Connection of a linear pneumatic cylinder for pneumatic sliding dampers diameter \varnothing 50 up to \varnothing 152 mm.



Connection of two linear pneumatic cylinders for pneumatic sliding damper.



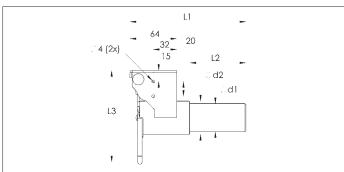
Pneumatic sliding damper cover house option.

Ø	Code	L1	L2	L3	L4	Н	S1	S2	Weight
		mm	kg						
50	CBDB+Ø+Voltage	139	173	128	301	245	1.5	2.0	2.4
63	CBDB+Ø+Voltage	139	173	128	301	245	1.5	2.0	2.5
76	CBDB+Ø+Voltage	157	195	150	345	245	1.5	2.0	2.6
102	CBDB+Ø+Voltage	177	225	180	405	245	15	2.0	3.3



CBDE SL2 Leaf valves





CBDE SL Leaf valves

The CBDE SL2 leaf valves can be mounted on the ducting and are designed to connect flexible hoses by means of a flexible hose connector CBEB RL and SL2.

The pipe side of the leaf valve is the same diameter as the pipe and is connected by means of a pipe connector.

A position indicator can be added to the lid support to automatically start the installation when the lid is opened (sold separately).

Material

2 mm stainless steel AISI 304.

Type

With a self-closing spring-mounted lid.

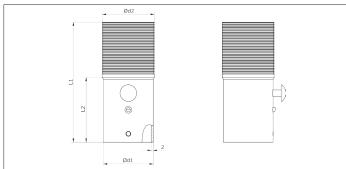
Options

- Position indicator (NCED000038)

Туре	Code	d1	d2	Lf	L2	L3	Weight
		Ø mm	Ø mm	mm	mm	mm	kg
38-38	CBDE000005	38	45	157	76	125	0.70
50-50	CBDE000006	50	55	157	76	135	0.90
63-63	CBDE000007	63	74	157	76	153	1.25
76-76	CBDE000008	76	83	157	76	163	1.46

CBEB SL2 Hose connectors





CBEB SL2 Flexible connectors

For a quick and easy connection of the flexible hose into the leaf valves of an installation.

Can be conbined with the CBDE RL and SL2 leaf valves.

A hose ring is recommended to hold the flexible hose in place.

Material

2 mm stainless steel AISI 304.

Type

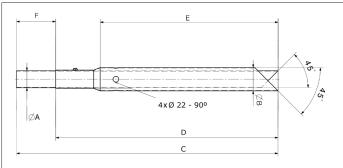
Equipped with a release button.

Туре	Code	d1	d2	Li	L2	Weight
		Ø mm	Ø mm	mm	mm	kg
38-38	CBEB000014	37.5	38	145	80	0.18
50-38	CBEB000015	47.5	38	145	80	0.23
50-45	CBEB000016	47.5	45	145	80	0.23
50-50	CBEB000017	47.5	50	145	80	0.23
63-50	CBEB000018	66.5	50	145	80	0.31
63-63	CBEB000019	66.5	63	145	80	0.31
76-50	CBEB000020	75.5	50	145	80	0.44
76-63	CBEB000021	75.5	63	145	80	0.44
76-76	CBEB000022	75.5	76	145	80	0.44



CBAB suction pipes





CBAB suction pipes

Developed for the grain industry, these suction pipes can be used in any application where pneumatic transport of granular material is required.

It has an adjustable outer mantle to fit all types of situations and can be directly connected to a flexible hose.

Material

Stainless steel AISI 304 (1.4301).

Type

With straight edge for a good connection with pipe connectors.

Advantages

- Efficient suction of all types of particle sizes
- No clogging

Ød	Code	A	В	С	D	E	F	Weight
		mm	mm	mm	mm	mm	mm	kg
38	CBAB000001	38	60	1000	850	680	150	3.1
50	CBAB000002	50	70	1000	850	680	150	4.0
60	CBAB000003	60	80	1000	850	680	150	4.8
76	CBAB000004	76	101	1000	850	680	150	6.1



High vacuum accessories





High vacuum accessory kits



KIT - FLOOR

Accessory kit for floor cleaning composed of :

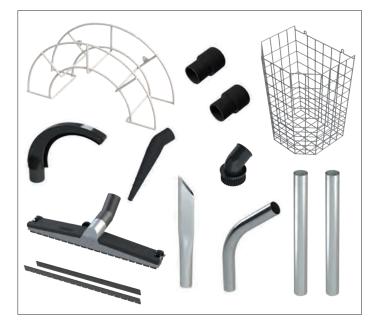
- CZZW hose reel
- CZZA flexible hose connector for PVSM (#2)
- CZZB flexible hose connector for PU (#2)
- CZZM suction cane (#10)
- CZZC floor nozzle (#4)
- CZZE rubber strips for floor nozzle

KIT - MACHINE

Accessory kit for machine cleaning composed of :

- CZZW hose reel
- CZZA flexible hose connector for PVSM (#2)
- CZZB flexible hose connector for PU (#2)
- CZZX accessory basket
- CZZG sickle nozzle (#6)
- CZZF round brush nozzle (#5)
- CZZH point nozzle (#7)
- CZZJ slit nozzle (#12)
- CZZL chromate suction bend (#11)
- 2 CZZK suction pipes (#9)





KIT - TOTAL

Total accessory kit for cleaning composed of :

- CZZW hose reel
- CZZA flexible hose connector for PVSM (#2)
- CZZB flexible hose connector for PU (#2)
- CZZX accessory basket
- CZZG sickle nozzle (#6)
- CZZF round brush nozzle (#5)
- CZZH point nozzle (#7)
- CZZJ slit nozzle (#12)
- CZZC floor nozzle (#4)
- CZZE rubber strips for floor nozzle
- CZZL chromate suction bend (#11)
- 2 CZZK suction pipes (#9)

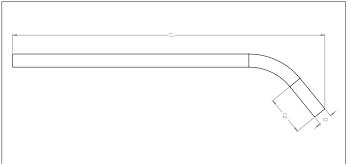
2

CZZM Suction cane with bend



CZZM Suction cane with bend

Connects onto the accessories on one side and onto a flexible hose connector on the other (CAZA, CZZA, CZZB).



Material

Chromate steel.

Type

With straight edges for a good connection to the accessories.

Ød	Code	L1	L2	Weight
		mm	mm	kg
38	CZZM000001	1240	115	1.10
50	CZZM000002	1190	150	1.60

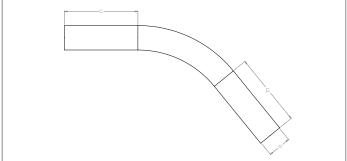
^{*} Ø38 is in two parts

CZZL Suction bend



CZZL Suction bend

Connects onto the accessories on one side and onto a flexible hose connector on the other (CAZA, CZZA, CZZB).



Material

Chromate steel.

Type

With straight edges for a good connection to the accessories.

Ød	Code	Lt	L2	Weight
		mm	mm	kg
32	CZZL000001	150	240	0.30
38	CZZL000002	150	240	0.34
50	CZZL000003	190	190	0.63



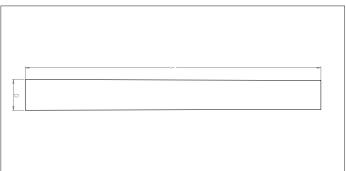
CZZK Suction cane



CZZK Suction cane

Short straight suction cane. Two of these are needed to make one long cane that can connect to the CZZL suction bend.

It can also be used directly onto the accessories on one side and onto a flexible hose connector on the other (CAZA, CZZA, CZZB).



Material

Chromate steel.

Туре

With straight edges for a good connection to the accessories.

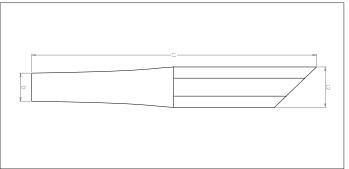
Ø d	Code	L	Weight
		mm	kg
32	CZZK000001	468	0.34
38	CZZK000002	468	0.34
50	CZZK000003	500	0.64

CZZJ Slit nozzle



CZZJ Slit nozzle

Connects onto the chromate suction pipes or directly onto a flexible hose connector (CAZA, CZZA, CZZB).



Material

Chromate steel.

Type

Ø d	Code	ы	L2	Weight
		mm	mm	kg
32	CZZJ000001	284	55	0.20
38	CZZJ000002	284	55	0.20
50	CZZJ000003	496	62	0.50

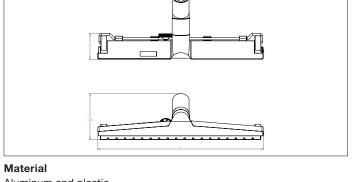
CZZC Floor nozzle



CZZC Floor nozzle

Floor nozzle with brush strips and wheels. Connects onto chromate suction pipes CZZK, CZZL or CZZM.

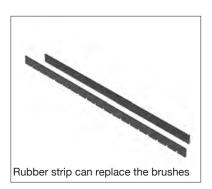
The wheels and brush strips can be replaced.



Aluminum and plastic.

Туре

With straight edge for a good connection to the suction pipes.



Ød	Code	L	Weight
		mm	kg
32	CZZC000001	300	0.52
38	CZZC000002	456	0.97
50	CZZC000003	456	0.97

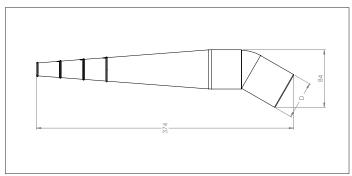
CZZH Point nozzle



CZZH Point nozzle

Rubber nozzle with plastic connection piece. Connects onto chromate suction pipes CZZK, CZZL or CZZM.

NOT antistatic.



Material

Plastic and rubber.

Type

Ød	Code	Li	L2	Weight
		mm	mm	kg
38	CZZH000001	374	51	0.25
50	CZZH000002	374	51	0.25



CZZF Round brush nozzle

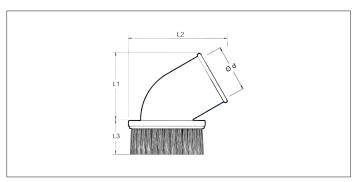


CZZF Round brush nozzle

Desiged to clean on small surfaces, on tools or in corners.

Connects onto chromate suction pipes CZZK, CZZL or CZZM.

NOT antistatic.



Material

Shockproof polypropylene.

Туре

With straight edge for a good connection to the suction pipes.

Ø d	Code	Ц	L2	L3	Weight
		mm	mm	mm	kg
32	CZZF000001	70	92	38	0.05
38	CZZF000002	70	92	38	0.05
50	CZZF000003	90	165	35	0.14

CZZG Sickle nozzle

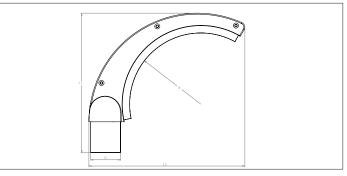


CZZG Sickle nozzle

Designed to clean the upper part of round components where dust could accumulate.

Connects onto chromate suction pipes CZZK, CZZL or CZZM.

NOT antistatic.



Material

Shockproof polypropylene.

Туре

Ød	Code	Lf	L2	L3	Weight
		mm	mm	mm	kg
38	CZZG000001	197	220	1000	0.15
50	CZZG000002	197	220	1000	0.15



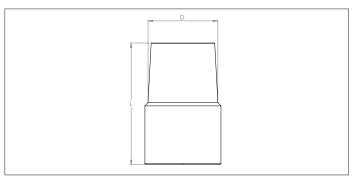
CAZA Metal hose connector



CAZA Metal hose connector

Designed to connect flexible hoses to the cleaning accessories.

It has a groove in which the CAEB or CBEB flexible hose connector can be inserted. The other side is slightly connical to fit inside chromate suction pipes CZZK, CZZL or CZZM.



Material

Electro-galvanized steel.

Туре

Ød	Code	L	Weight
		mm	kg
38	CAZA00001	100	0.25
50	CAZA000002	88	0.27



CZZA Flexible hose connector

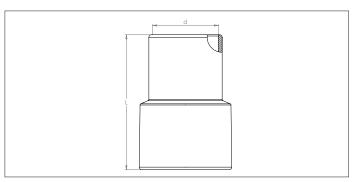


CZZA Flexible hose connector

Rubber Flexible hose connector designed to connect the accessories to the PVSM flexible hoses (FBAA).

It is threaded on one side to screw onto the flexible hose. The other side fits onto suction pipes CZZK, CZZL or CZZM.

Antistatic PE R $< 10^6 \,\Omega/cm$.



Material

Antistatic rubber.

Туре

With thread to screw onto flexible hose.

Ø d	Code	L	Weight
		mm	kg
32	CZZA00001	95	0.04
38	CZZA000002	95	0.05
50	CZZA00003	105	0.09

CZZB Flexible hose connector

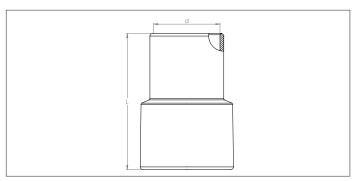


CZZB Flexible hose connector

Rubber Flexible hose connector designed to connect the accessories to the PU flexible hoses (FAAA).

It is threaded on one side to screw onto the flexible hose. The other side fits onto suction pipes CZZK, CZZL or CZZM.

Antistatic PE R $< 10^6 \,\Omega/cm$.



Material

Antistatic rubber.

Type

With thread to screw onto flexible hose.

Ød	Code	L	Weight
		mm	kg
38	CZZB000001	95	0.05
50	CZZB000002	105	0.09

CZZT Flexible hose splice connector

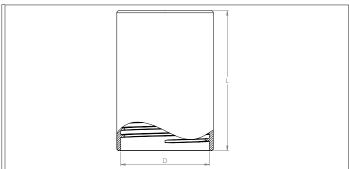


CZZT Flexible hose splice connector

Rubber Flexible hose connector designed to connect two PVSM flexible hoses together (FBAA).

It is threaded on both sides to screw onto the flexible hoses.

Antistatic PE R $< 10^6 \,\Omega/cm$.



Material

Antistatic rubber.

Туре

With thread to screw onto flexible hoses.

Ød	Code	L	Weight
		mm	kg
32-38	CZZT000001	90	0.06
38-38	CZZT000002	90	0.06
50-50	CZZT000003	100	0.10

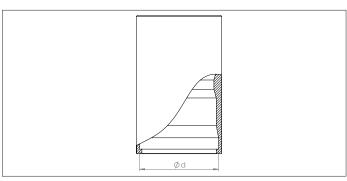
CAEC Flexible hose splice connector



CAEC Flexible hose splice connector

Galvanized flexible hose splice connector to assemble two flexible hoses together by means of CAEB metal hose connectors type RL & SL2, when a lfeixble hose length needs ot be extended.

Hoses are attached on the CAEB hose connectors type RL & SL2 which lock into the inner lip of the splice connector with the push button.



Material

Electro-galvanized steel.

Type

With inner lip to hold the CAEB hose connector type RL & SL2 in place.

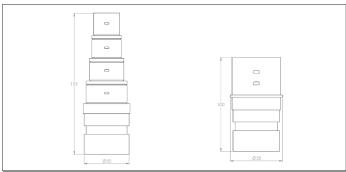
For use with all types of hoses.

Ø d	Code	L	Weight
		mm	kg
38-38	CAEC000001	85	0.35
50-50	CAEC000002	85	0.45
63-63	CAEC000003	85	0.45



CZZU & CZZV Flow regulators





CZZU & CZZV Flow regulators

The flow regulators are inserted in an CADZ leaf valve, it is designed to make the pressure drop within a flexible hose.

the CZZU 50-28 also allows for the connection of different diameters of flexible hoses (\emptyset 50-45-38-32-28). This model can be cut to the desired diameter.

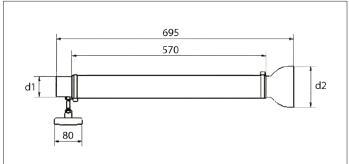
Material

Plastic.

Туре	Code	d1	d2	L	Weight
		Ø mm	Ø mm	mm	kg
50-28	CZZU000001	50	28	155	0.09
50-45	CZZV000001	50	45	100	0.07

CZGA Suction arm





CZGA Suction arm

The CZGA suction arm is designed for the suction of fumes and light particles during a process.

It is mounted on a metal support with magnet and can easily be connected to a flexible hose (the use of a hose ring is recommended).

Material

PE hose with aluminum hood.

Type

Mounted on foot with magnet. With one smooth side to connect onto a flexible hose.

Туре	Code	d1	d2	Weight
		Ø mm	Ø mm	kg
50	CZGA000001	60	120	1.50

CZZN Rotating flexible hose connector

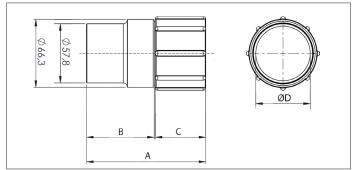


CZZN Rotating flexible hose connector

Plastic rotating flexible hose connector designed to connect the suction accessories to the FBAA flexible hoses.

It is threaded on one side to screw onto the flexible hose. The other side fits into suction accessories in \varnothing 58 (CZZP, CZZQ or CZZR).

Not antistatic.



Material

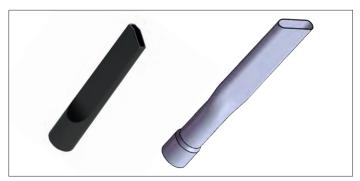
Shockproof polypropylene.

Туре

With thread to screw onto flexible hose.

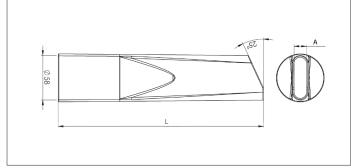
For hose	Code	Α	В	С	ØD	Weight
Ø d		mm	mm	mm	mm	kg
38	CZZN000001	98	45	53	59	0.05
50	CZZN000002	117	66	51	67	0.07

CZZQ & CZZR Slit nozzle for swivel connector



CZZQ & CZZR Slit nozzle for swivel connector

Connects onto the rotating flexible hose connector (CZZN).



Material

Plastic version : shockproof polypropylene, not antistatic. Aluminum version : shaped aluminum.

Type

With straight edge for a good connection to the rotating hose connector.

Ø d	Code	Α	L	Weight
		mm	mm	kg
Ø58 plastic	CZZQ000002	21	154	0.6
Ø58 aluminum	CZZR000001	25	450	0.2



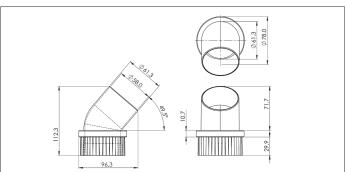
CZZP Brush nozzle for swivel connector



CZZP Brush nozzle for swivel connector

Connects onto the rotating flexible hose connector (CZZN).

Not antistatic.



Material

Shockproof polypropylene.

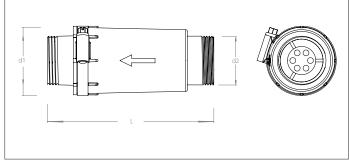
Type

With straight edge for a good connection to the rotating hose connector.

Туре	Code	Weight
		kg
58	CZZP000001	0.7

CZDB Safety valves





CZDB Safety valves

The primary function of a safety valve is to protect property and life. Because a safety valve is often the last device to prevent catastrophic failure under pressure conditions.

The safety valves in this range have a predifined taring.

Material

Plastic body and steel components.

Туре

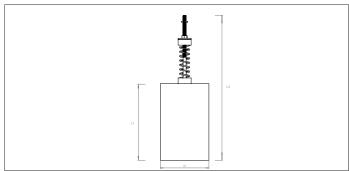
Designed to work in over- or under-pressure.

Туре	Code	d1	d2	L	Weight
mBar		Ø mm	Ø mm	mm	kg
200	CZDB000001	60	40	140.5	0.25
270	CZDB000002	60	40	140.5	0.25
310	CZDB000004	60	40	140.5	0.25
410	CZDB000006	60	40	140.5	0.25



CZDA Safety valves





CZDA Safety valves

The primary function of a safety valve is to protect property and life. Because a safety valve is often the last device to prevent catastrophic failure under pressure conditions.

The safety valves in this range can be tared according to the need release pressure.

Material

Powder-coated steel RAL 3020.

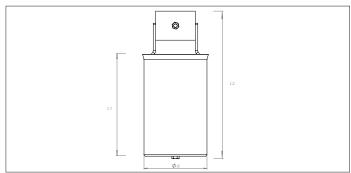
Type

With a straight edge for a good connection with a pipe connector. Designed to work in over- or under-pressure.

Туре	Code	L1	L2	Weight
		Ø mm	mm	kg
76	CZDA000001	150	320	1.05
102	CZDA000002	200	350	1.65
127	CZDA00003	200	355	1.90
152	CZDA00004	200	355	2.20
203	CZDA00005	250	440	2.90

CZFA Silencers for safety valves





CZFA Silencers for safety valves

These silencers are to be used in combination with the CZDA safety valve in order to reduce the noise when the valve releases the pressure of the installation.

It slides over the valve and is held in place by a bolt.

Material

Powder-coated steel RAL 3020.

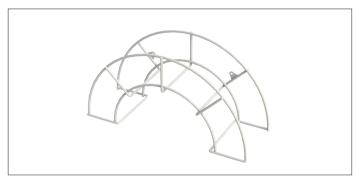
Type

With a M8 bolt to hold in place on the pipe.

Туре	Code	Ød	Li	L2	Weight
		Ø mm	Ø mm	mm	kg
76	CZFA000001	130	210	300	2.00
102	CZFA000002	162	210	300	2.80
127	CZFA000003	213	210	300	3.75
152	CZFA000004	265	210	300	5.00
203	CZFA00005	333	260	400	7.20



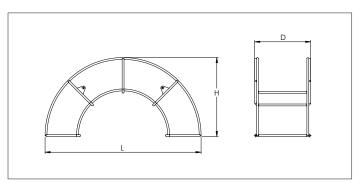
CZZW Hose reel



CZZW Hose reel

To be fastened on a wall with two screws.

It can support a 10m Ø38 flexible hose or a 6 m Ø50 flexible hose.



Material

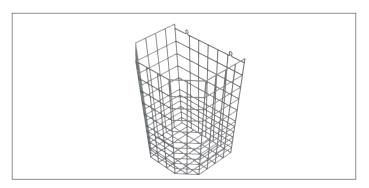
Metal with plastic coating.

Туре

For flexible hoses Ø38 & Ø50.

Code	L	Н	D	Weight
	mm	mm	mm	kg
CZZW000001	490	250	160	0.30

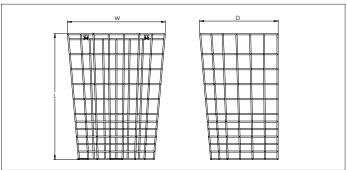
CZZX Accessories basket



CZZX Accessories basket

To be fastened on a wall with two screws.

Designed to hold the cleanling accessories in this catalogue.



Material

Metal with plastic coating.

Туре

For accessories in Ø38 & Ø50.

Code	L	W	D	Weight
	mm	mm	mm	kg
CZZX000001	360	320	240	0.50