



InoxMono Flues

Stainless Steel Single Wall



Quality management systems
ISO 9001 – Cert. n° 0545/4



SABIANA
ENVIRONMENTAL COMFORT

Single Wall Stainless Steel Flues with Housing for InoxMono Sabiana Gasket



The InoxMono Sabiana range has been designed for giving maximum safety and duration guarantee to the evacuation process of the flue gas produced by heat generators.

The male and female of each individual element are simultaneously realised by the same belling machine, in order to obtain a perfect coupling calibration with maximum tolerance equal to ± 0.15 mm.

All elements in contact with the flue gas are realised with AISI 316 L stainless steel.

Each element, in addition to its locking band, can be provided with a silicone seal gasket (standard for $\varnothing 80$ and $\varnothing 100$): this solution is particularly indicated in the connection of the single wall flue with appliances of type "C" (forced draught wall boilers) where overpressure situations can be hypothesised.

The choice of materials, state-of-the-art constructive techniques and the attention to each accessory, place the product at top of the market and in line with the high quality levels of all the Sabiana products.

The range includes 11 different diameters (from 80 to 300 mm) and a complete range of accessories able to satisfy every kind of installation requirement.

The Sabiana flues perfectly adapt to the new high yield heat generators, having very low flue outlet temperature and high content of CO_2 , thanks to the following essential features:

- low thermal inertia with consequent immediate draught;
- perfectly water-proof to vapour;
- great resistance to corrosion, thanks to the quality of the used steel and its type of welding;
- very low roughness values, in order to decrease the internal load losses as much as possible.

The single wall flues are normally inserted in already existing, deteriorated chimneys relining). In case of outdoor installation, it is compulsory to protect the bottom part of the flue in the first two metres: however, it is advised to use,

double wall flues for such installations, in order to facilitate drought and decrease condensation, that is otherwise excessive.

- **AISI 316 L Stainless steel wall** (austenitic stainless steel 18/10Mo with low carbon content UNI X 2 CrNiMo 1712).
Thickness: 0.5 mm.
Properties: high resistance to intergranular corrosion and particularly aggressive products;



Element with gasket

- **silicone rubber sealing gasket** resistant up to 200°C temperature;
- **longitudinal microplasma welding** of each element;
- **90° tee**, flue gas control module and inspection module made using the deep drawing process;
- **all clamping elements in stainless steel AISI 304** (flashing and storm collar in aluminium). The screws supplied are in stainless steel.



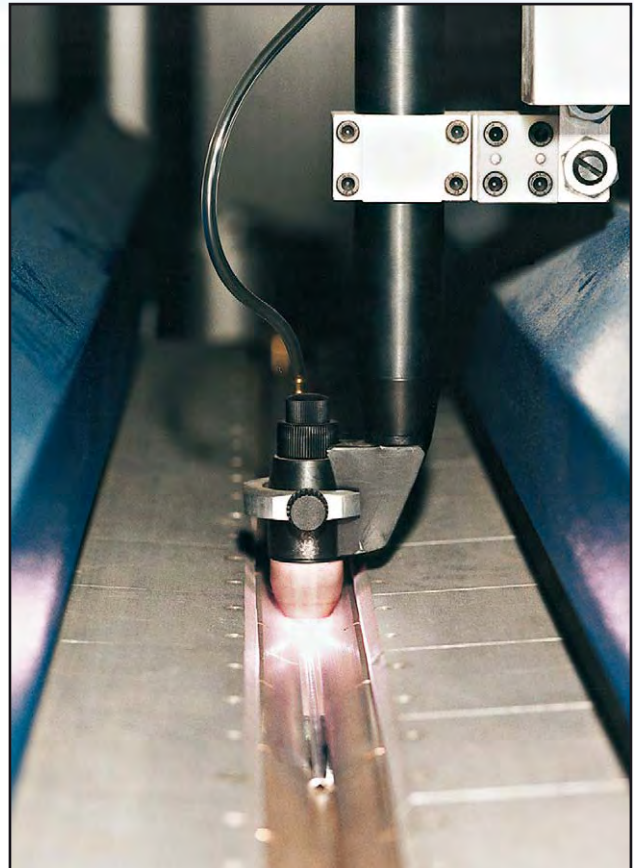
Welded element



Straight module



90° Tee



Microplasma welding process



The InoxMono range is CE marked according to European Standard EN 1856-2 with the following designations:

InoxMono duct with gasket
T200-P1-W-V2-L50050-O

InoxMono duct without gasket
T600-N1-D-V2-L50050-G

InoxMono smoke duct with gasket
T200-P1-W-V2-L50050-O50

InoxMono smoke duct without gasket
T600-N1-D-V2-L50050-G600M

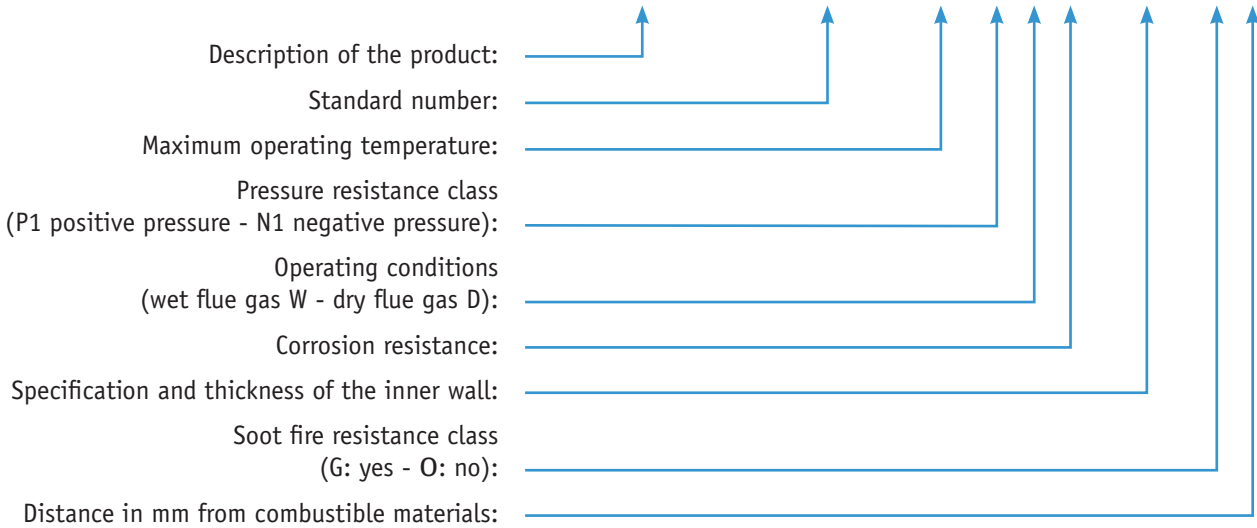
In addition, the range has been subjected to further tests and has obtained the IMQ voluntary mark.



Sabiana operates under an ISO 9001 certified Quality System.

Designation of the product according to the EN 1856-2 Standard

InoxMono duct with gasket	EN1856-2 T200-P1-W-V2-L50050-O
InoxMono duct without gasket	EN1856-2 T600-N1-D-V2-L50050-G
InoxMono smoke duct with gasket	EN1856-2 T200-P1-W-V2-L50050-O50
InoxMono smoke duct without gasket	EN1856-2 T600-N1-D-V2-L50050-G600M



General characteristics

- Element locking bands.
- Resistance to condensate, even under pressure (provided by certified silicone gasket).
- Possibility to turn each element 360° while maintaining the tightness characteristics unaltered.

Universal single wall product for the realisation of relining and smoke ducts

- Its characteristics are:
- Rapid installation;
 - Compact overall dimensions;
 - Perfect mechanical resistance, guaranteed by the locking band.

Summary table

Nominal diameters	mm	80	100	120	130	140	150	160	180	200	250	300
Weight per linear metre	kg/m	1.1	1.4	1.7	1.8	2	2.1	2.3	2.5	2.8	3.5	4.2
Material		Steel AISI 316L 2B - AISI 316L BA nominal thickness 0.5 mm										
Pressure class with gasket		P1 (200 Pa)										
Pressure class without gasket		N1 (40 Pa) operation under pressure										
Max temperature of the flue gas with gasket	°C	200										
Max temperature of the flue gas without gasket	°C	600										
Gasket		Black coloured silicone rubber										
Minimum distance to combustible materials class O (chimney serving a generator with liquid or gas fuel)	mm	Smoke duct: 50										
Minimum distance to combustible materials class G (chimney serving a generator with solid fuel)	mm	Smoke duct: 600 Minimum distance obtained from test										
Average roughness value for the straight modules		According to EN 13384-1: 2002										
Resistance coefficient to components flow		According to EN 13384-1: 2002										
Metric screws and bolts		Stainless steel										

The InoxMono range features many components for supporting and securing the flue to the wall (the flue is not self-supporting type).

Each insulated element has a male and a female joint. The female end must be installed upwards. Each element shows the direction of flue gas flow (direction of installation) either by marking or label.

The maximum distances shown in the following illustrations must be observed for all support and fastening elements.

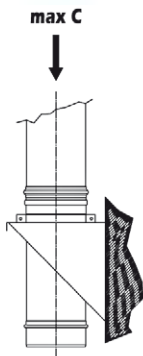
All joints must be secured by applying the special locking band.

The universal flashing, together with the storm collar, allows suitable protection against bad weather where the flue passes through a roof.

Various cowls allow the flue to be adapted to the different environmental and installation conditions.

The minimum distance between the smoke duct and the combustible material is equal to:

- 50 mm for class O50
- 600 mm for class G600M



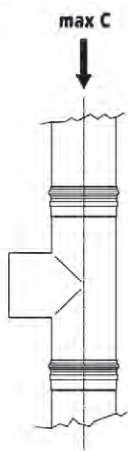
Maximum load capacity allowed for the InoxMono wall supports:

- diameter 80 and 100 mm:
- diameter 120÷300 mm:

Max C = 44 kg

Max C = 80 kg

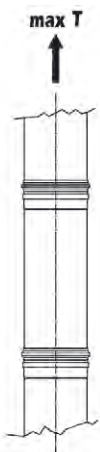
DESCRIPTION	CODE
Wall support	0014430 ÷ 0014439



Maximum load capacity allowed

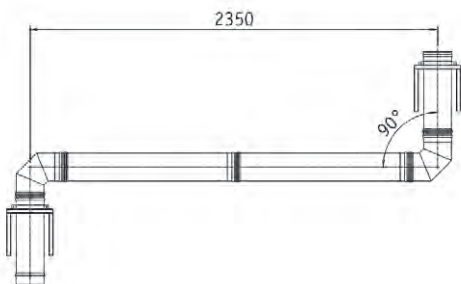
for the InoxMono 90° Tee of all diameters: **Max C = 95 kg**

DESCRIPTION	CODE
90° Tee	0014180 ÷ 0014189



Maximum traction resistance

on the InoxMono elements of all diameters: **Max T = 130 kg**

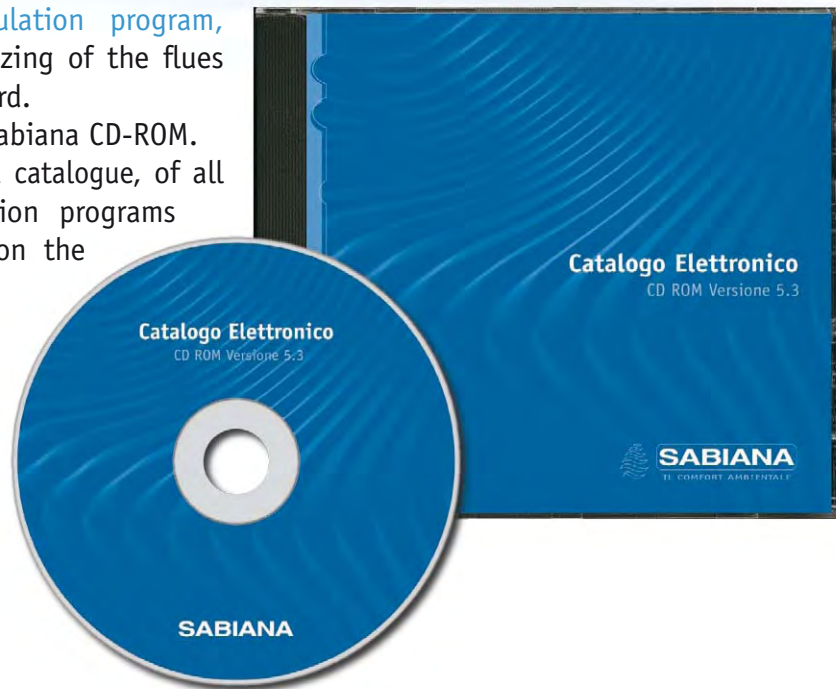


Maximum deviation allowed for InoxMono:

- angle up to 90°;
- maximum offset 2350 mm.

Sabiana has developed a calculation program, for specifiers that helps in the sizing of the flues according to the UNI 9615 Standard.

This program is available on the Sabiana CD-ROM. The CD contains the entire Sabiana catalogue, of all the specially developed calculation programs and numerous interesting facts on the company and its products.



To create the chimney system, the designer and installer must refer to the following regulations:

UNI CIG 7129

Gas systems for home use powered by distribution network.
(Design, installation, operating and maintenance).

UNI CIG 7131

LPG systems for home use not powered by distribution network.
(Design, installation, operating and maintenance).

UNI 10845

Gas systems for home use.
Systems for combustion products exhaust serviced by gas powered appliances.
Verification, renewal, restructuring and lining.

UNI EN 13384-1

Chimneys - Thermal and dynamic fluid calculation methods. Part 1: Chimneys serviced by a single appliance.

UNI EN 1856-1

Chimneys - Requisites for metal chimneys. Part 1: Products for chimney systems.

UNI EN 1856-2

Chimneys - Requisites for metal chimneys. Part 2: Internal ducts and metal smoke ducts.

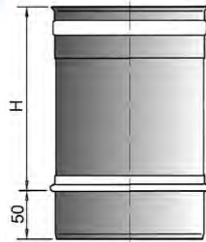
UNI EN 1443

Chimneys - General requisites.

UNI EN 1859

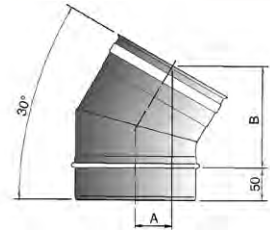
Chimneys - Test methods.

Straight modules



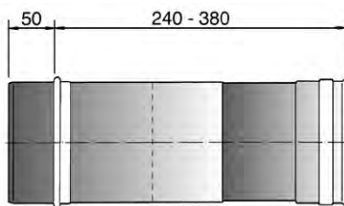
Ø Duct	Module H = 185		Module H = 272		Module H = 435		Module H = 935	
	kg	Code	kg	Code	kg	Code	kg	Code
80	0.2	0014130	0.3	0014120	0.5	0014110	1	0014100
100	0.3	0014131	0.4	0014121	0.6	0014111	1.2	0014101
120	0.4	0014132	0.5	0014122	0.7	0014112	1.5	0014102
130	0.4	0014133	0.6	0014123	0.8	0014113	1.6	0014103
140	0.5	0014134	0.6	0014124	0.9	0014114	1.7	0014104
150	0.5	0014135	0.7	0014125	1	0014115	1.9	0014105
160	0.5	0014136	0.8	0014126	1.1	0014116	2	0014106
180	0.6	0014137	0.8	0014127	1.2	0014117	2.2	0014107
200	0.6	0014138	1	0014128	1.5	0014118	2.5	0014108
250	0.8	0014139	1.3	0014129	1.8	0014119	3	0014109
300	1	0014139	1.3	0014129	1.8	0014119	3.7	0014109

30° Elbow



Ø Duct	A	B	kg	Code
80	48.5	130.5	0.24	0014550
100	49.5	135.5	0.30	0014551
120	51	140.5	0.38	0014552
130	51.5	143	0.42	0014553
140	52.5	145.5	0.46	0014554
150	53	148	0.50	0014555
160	53.5	150.5	0.54	0014556
180	55	155.5	0.64	0014557
200	56.5	160.5	0.72	0014558
250	59.5	173	0.98	0014559
300	63	185.5	1.28	0014560

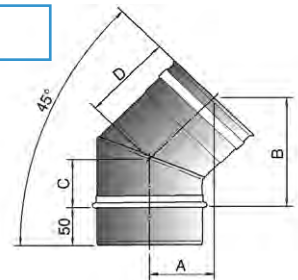
Adjustable telescopic module



Ø Duct	kg	Code
80	0.4	0014140
100	0.6	0014141
120	0.8	0014142
130	0.8	0014143
140	0.8	0014144
150	0.8	0014145
160	1	0014146
180	1.2	0014147
200	1.4	0014148
250	1.8	0014149
300	1.8	0014149

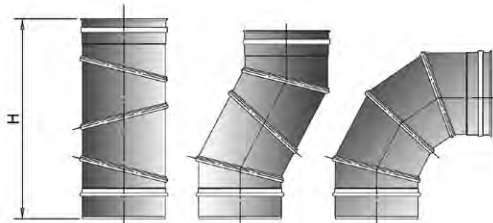
- Not supporting, to be used only in sub-horizontal sections.
- After having established the necessary length, secure the sliding parts.

45° Elbow



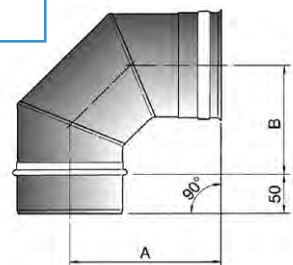
Ø Duct	A	B	C	D	kg	Codice
80	73	126	53	103	0.24	0014160
100	76	133	57	107	0.30	0014161
120	78.5	140	61.5	111.5	0.38	0014162
130	80	143.5	63.5	113.5	0.42	0014163
140	81.5	147	65.5	115.5	0.46	0014164
150	83	150.5	67.5	117.5	0.50	0014165
160	84.5	154	69.5	119.5	0.54	0014166
180	87.5	161	73.5	123.5	0.64	0014167
200	90.5	168.5	78	128	0.72	0014168
250	97.5	186	88	138	0.98	0014169
300	105	203.5	98.5	148.5	1.28	0014170

Adjustable elbow from 0° to 90°



Ø Duct	A	Code
80	283	0014640
100	298	0014641
120	315	0014642
130	322	0014643
140	330	0014644
150	339	0014645
160	346	0014646
180	363	0014647
200	378	0014648
250	490	0014649
300	530	0014649

90° Elbow

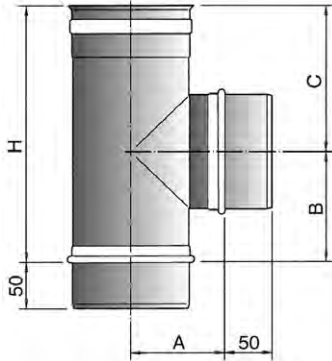


Ø Duct	A	B	kg	Code
80	164	114	0.34	0014170
100	174	124	0.42	0014171
120	184	134	0.54	0014172
130	189	139	0.60	0014173
140	194	144	0.65	0014174
150	199	149	0.72	0014175
160	204	154	0.78	0014176
180	214	164	0.95	0014177
200	224	174	1.05	0014178
250	249	199	1.5	0014179
300	274	224	2	0014180

The heights are indicated in millimetres

90° Tee

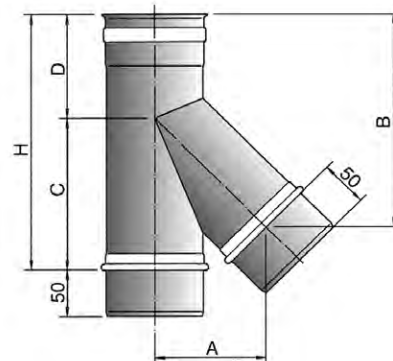
- Made using the deep drawing process.



Ø Duct	A	B	C	H	kg	Code
80	77.5	111	161	272	0.4	0014180
100	87.5	111	161	272	0.5	0014181
120	97.5	111	161	272	0.6	0014182
130	102.5	111	161	272	0.65	0014183
140	107.5	111	161	272	0.7	001418A
150	112.5	111	161	272	0.75	0014184
160	117.5	192.5	242.5	435	1.15	0014185
180	127.5	192.5	242.5	435	1.25	0014186
200	137.5	192.5	242.5	435	1.40	0014187
250	162.5	192.5	242.5	435	1.75	0014188
300	187.5	192.5	242.5	435	2.10	0014189

135° Tee

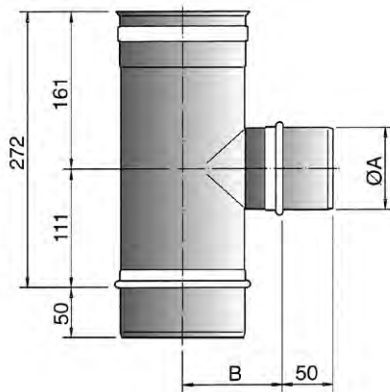
- Not supporting.



Ø Duct	A	B	C	D	H	kg	Code
80	96	216.5	151.5	120.5	272	0.3	0014210
100	161	241.5	161.5	110.5	272	0.3	0014211
120	189.5	371.5	253	182	435	0.6	0014212
130	179	332	282	153	435	0.7	0014213
140	184	337	282	153	435	0.8	001421A
150	196	339.5	292	143	435	0.8	0014214
160	189.5	351.5	273	162	435	0.9	0014215
180	222	400	357.5	177.5	535	1.2	0014216
200	239	407	367	168	535	1.3	0014217
250	282.5	475	442.5	192.5	635	2	0014218
300	324	517.5	492	193	685	2.5	0014219

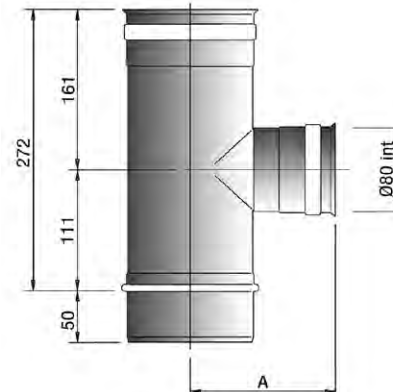
Male reduced 90° Tee

- Available in our storage, only the reduced tee with ØA = 80 mm. The tee reduced with ØA = 100/130/150 mm are manufactured upon request.



Ø Duct	ØA = 80			ØA = 100/130/150				
	B	kg	Code	B	kg	Code	Code	Code
100	85.5	0.5	0014631	97.5	0.5	-	-	-
120	95.5	0.6	0014632	107.5	0.6	0014522	-	-
130	100.5	0.65	0014633	112.5	0.65	0014523	-	-
140	105.5	0.7	001463A	117.5	0.7	001452A	001453A	-
150	110.5	0.75	0014634	122.5	0.75	0014524	0014534	-
160	115.5	1.15	0014635	127.5	1.15	0014525	0014535	-
180	125.5	1.25	0014636	137.5	1.25	0014526	0014536	-
200	135.5	1.40	0014637	147.5	1.40	0014527	0014537	0014547
250	160.5	1.75	0014638	152.5	1.75	0014528	0014538	0014548
300	185.5	2.10	0014639	197.5	2.10	0014529	0014539	0014549

Ø 80 Female reduced 90° Tee

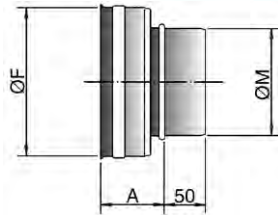


Ø Duct	A	kg	Code
80	120.5	0.4	0014660
100	130.5	0.5	0014661
130	145.5	0.65	0014663

The heights are indicated in millimetres

Male-female increase fitting

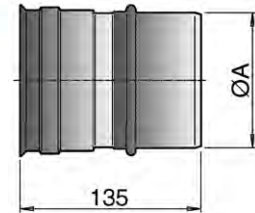
ØM	ØF	A	Code
80	100	130	0014350
	120	150	0014360
	130	190	0014370
100	120	140	0014351
	130	160	0014361
	140	150	0014571
120	150	150	0014371
	130	135	0014352
	140	135	0014572
130	150	135	0014362
	160	165	0014372
	140	130	0014573
140	150	135	0014353
	160	155	0014363
	180	160	0014373
150	150	130	001435A
	160	150	001436A
	180	160	001437A
200	160	135	0014354
	180	140	0014364
	200	170	0014374



ØM	ØF	A	Code
160	180	140	0014355
	200	160	0014365
	250	200	0014375
180	200	140	0014356
	250	175	0014366
	300	235	0014376
200	250	160	0014357
	300	215	0014367
	-	-	-
250	300	150	0014358
	-	-	-
	-	-	-

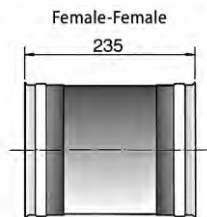
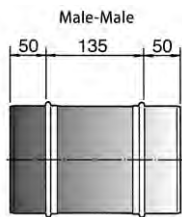
Boiler fitting

- To be used in the fitting with the smoke duct provided with the wall boiler or as boiler fitting.



Ø Duct	ØA	kg	Code
80	79	0.1	0014580
100	99	0.1	0014581
120	119	0.2	0014582
130	129	0.2	0014583
140	139	0.2	001458A
150	149	0.2	0014584
160	159	0.2	0014585
180	179	0.3	0014586
200	199	0.3	0014587
250	249	0.3	0014588
300	299	0.4	0014589

Fitting

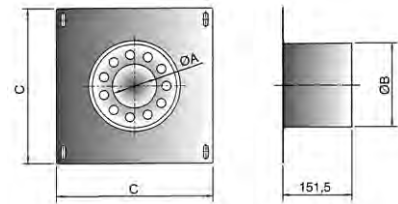


Ø Duct	kg	Code
80	0.24	0014270
100	0.30	0014271
120	0.35	0014272
130	0.40	0014273
140	0.40	001427A
150	0.45	0014274
160	0.50	0014275
180	0.55	0014276
200	0.60	0014277
250	0.75	0014278
300	0.90	0014279

Ø Duct	kg	Code
80	0.24	0014230
100	0.30	0014231
120	0.35	0014232
130	0.40	0014233
140	0.40	001423A
150	0.45	0014234
160	0.50	0014235
180	0.55	0014236
200	0.60	0014237
250	0.75	0014238
300	0.90	0014239

Firebreak plate

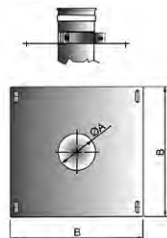
- Use in the passing through of floors.



Ø Duct	ØA	ØB	C	Code
80	96	183	340	0014450
100	116	203	360	0014451
120	136	223	380	0014452
130	146	233	390	0014453
140	156	243	400	001445A
150	166	253	410	0014454
160	176	263	420	0014455
180	196	283	440	0014456
200	216	303	460	0014457
250	266	353	510	0014458
300	316	403	560	0014459

Base plate

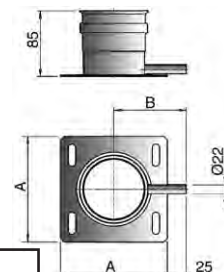
- Use for connection of a brick collection chamber for unburned residues to the first module of the chimney.



Ø Duct	ØA	ØB	Code
80	96	340	0014440
100	116	360	0014441
120	136	380	0014442
130	146	390	0014443
140	156	400	001444A
150	166	410	0014444
160	176	420	0014445
180	196	440	0014446
200	216	460	0014447
250	266	510	0014448
300	316	560	0014449

Base plate with condensate drain

- Element to be installed at the bottom of the chimney to support the flue when this is rested on a base or a pair of shelves. It is equipped with stainless steel condensate drain.



Ø Duct	A	B	Code
80	140	95	0014590
100	160	105	0014591
120	180	115	0014592
130	190	120	0014593
140	200	125	001459A
150	210	130	0014594
160	220	135	0014595
180	240	145	0014596
200	260	155	0014597
250	310	180	0014598
300	360	205	0014599

The heights are indicated in millimetres

Flue gas inspection module

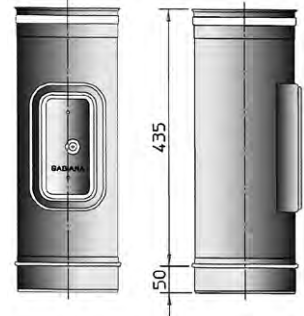
- Made using the deep drawing process.
- To be installed above 90° Tee used in vertical sections or a 135° Tee and at a distance of the chimney of about 3Øi.
- To be also installed in the sub-horizontal sections where required by PD 1391 Art. 7.9.
- Supplied complete with thermometer.



Ø Duct	kg	Code
130	0.8	0014383
140	0.85	001438A
150	0.9	0014384
160	1.3	0014385
180	1.45	0014386
200	1.60	0014387
250	1.95	0014388
300	2.35	0014389

Inspection module (Ø 130÷300 mm)

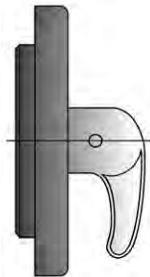
- Made using the deep drawing process.
- To be installed every 10 m of sub-horizontal fitting and in the other cases where required by PD 1391 Art. 7.7.
- Can be used, together with the condensate collection cap, as a collection chamber for unburned residues in gas-fired systems.



Ø Duct	kg	Code
130	0.8	0014393
140	0.85	001439A
150	0.9	0014394
160	1.3	0014395
180	1.45	0014396
200	1.60	0014397
250	1.95	0014398
300	2.35	0014399

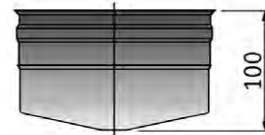
Inspection plug

- To be used together with 90° Tee.



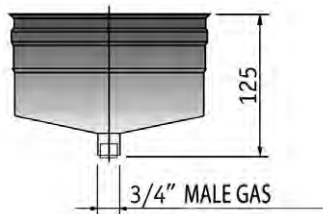
Ø Duct	Code
80	0014600
100	0014601
120	0014602
130	0014603
140	001460A
150	0014604
160	0014605
180	0014606
200	0014607
250	0014608
300	0014609

Closing plug



Ø Duct	kg	Code
80	0.2	0014410
100	0.2	0014411
120	0.2	0014412
130	0.2	0014413
140	0.2	001441A
150	0.2	0014414
160	0.2	0014415
180	0.3	0014416
200	0.3	0014417
250	0.3	0014418
300	0.4	0014419

Plug with condensate drain

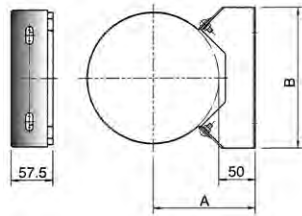


Ø Duct	kg	Code
80	0.2	0014400
100	0.2	0014401
120	0.2	0014402
130	0.2	0014403
140	0.2	001440A
150	0.2	0014404
160	0.2	0014405
180	0.3	0014406
200	0.3	0014407
250	0.3	0014408
300	0.4	0014409

The heights are indicated in millimetres

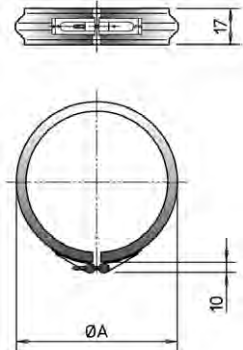
Wall band

- To be installed every 4m.
- Assures side stability against wind action.



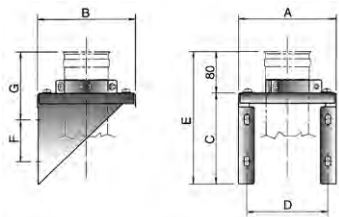
Ø Duct	A	B	Code
80	91	123	0014420
100	101	137	0014421
120	111	151	0014422
130	116	158	0014423
140	121	165	001442A
150	126	172	0014424
160	131	179	0014425
180	141	193	0014426
200	151	208	0014427
250	176	243	0014428
300	201	278	0014429

Locking band



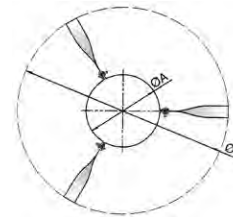
Ø Duct	A	kg	Code
80	95	0.05	0014150
100	115	0.05	0014151
120	135	0.09	0014152
130	145	0.1	0014153
140	155	0.1	001415A
150	165	0.1	0014154
160	175	0.12	0014155
180	195	0.12	0014156
200	215	0.13	0014157
250	265	0.15	0014158
300	315	0.17	0014159

Wall support



Ø Duct	A	B	C	D	E	F	G	Code
80	187	181	176	155	256	81	131	0014430
100	207	201	196	175	276	101	131	0014431
120	227	221	216	195	296	101	141	0014432
130	237	231	226	205	306	111	141	0014433
140	247	241	236	215	316	121	141	001443A
150	257	251	246	225	326	131	141	0014434
160	267	261	256	235	336	101	161	0014435
180	287	281	276	255	356	121	161	0014436
200	307	301	296	275	376	141	161	0014437
250	357	351	346	325	426	151	181	0014438
300	407	401	396	375	476	201	181	0014439

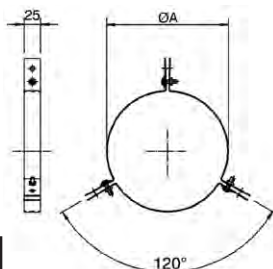
Centring band



Ø Duct	ØA	ØB	Code
80	81	423	0014470
100	101	443	0014471
120	121	463	0014472
130	131	473	0014473
140	141	483	001447A
150	151	493	0014474
160	161	503	0014475
180	181	523	0014476
200	201	543	0014477
250	251	593	0014478
300	301	643	0014479

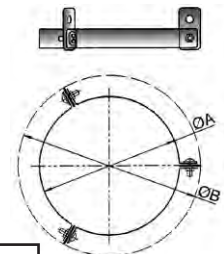
Tie-rods band

- To be installed immediately above the joints.



Ø Duct	ØA	Code
80	83.5	0014460
100	103.5	0014461
120	123.5	0014462
130	133.5	0014463
140	143.5	001446A
150	153.5	0014464
160	163.5	0014465
180	183.5	0014466
200	203.5	0014467
250	253.5	0014468
300	303.5	0014469

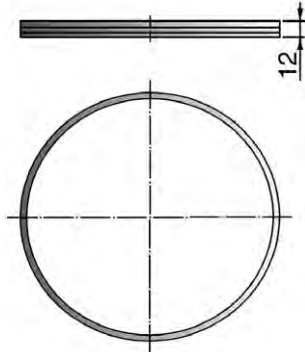
Tuck wall band



Ø Duct	ØA	ØB	Code
80	81	139	0014480
100	101	159	0014481
120	121	179	0014482
130	131	189	0014483
140	141	199	001448A
150	151	209	0014484
160	161	219	0014485
180	181	239	0014486
200	201	259	0014487
250	251	309	0014488
300	301	359	0014489

The heights are indicated in millimetres

Sealing gasket



Ø Duct	Code
80	6014000
100	6014001
120	6014002
130	6014003
140	601400A
150	6014004
160	6014005
180	6014006
200	6014007
250	6014008
300	6014009

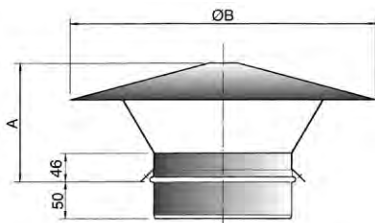
Insulating sleeve



Ø Duct	Code
80	9014000
100	9014001
120	9014002
130	9014003
140	901400A
150	9014004
160	9014005
180	9014006
200	9014007
250	9014008
300	9014009

Terminal with cover

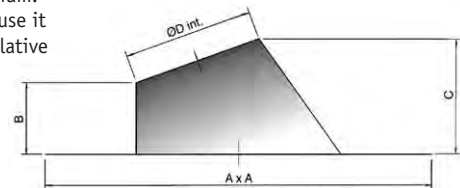
- Prevents the rain entering inside the chimney.
- It has 3 eyelets for any fastening of tie-rods.



Ø Duct	A	ØB	kg	Code
80	131	250	0.7	0014490
100	131	250	0.7	0014491
120	146	300	0.9	0014492
130	146	300	0.9	0014493
140	151	350	1.1	001449A
150	151	350	1.1	0014494
160	151	350	1.1	0014495
180	167	400	1.4	0014496
200	167	400	1.4	0014497
250	195	480	2	0014498
300	204	560	2.5	0014499

Universal flashing from 0° to 35°

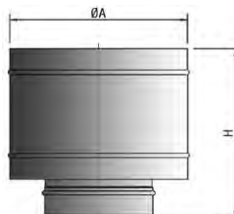
- Material: aluminium.
- It is advised to use it together with relative storm collar.



Ø Duct	A	B	C	ØD	Code
80	468	60	97	107	0014500
100	507	80	124	128	0014501
120	532	80	132	149	0014502
130	545	80	136	160	0014503
140	558	80	138	171	001450A
150	584	100	163	181	0014504
160	596	100	167	192	0014505
180	635	120	193	213	0016811
200	660	120	200	234	0016812
250	737	140	238	287	0016814
300	814	160	277	341	0016815

Rain cup

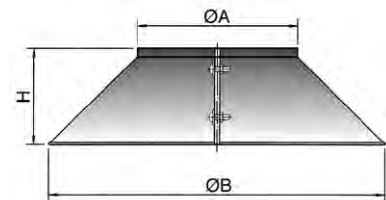
- Prevents the rain entering inside the chimney also with cross wind.
- Tested according to EN 1856-1.



Ø Duct	ØA	H	kg	Code
80	181	240	0.9	0014670
100	231	240	1.1	0014671
120	231	240	1.1	0014672
130	251	270	1.3	0014673
140	251	270	1.3	001467A
150	251	270	1.4	0014674
160	301	320	1.8	0014675
180	301	320	1.8	0014676
200	351	320	2.0	0014677
250	481	320	2.9	0014678
300	571	320	3.6	0014679

Storm collar

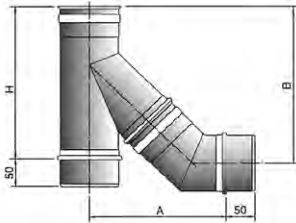
- Material: aluminium.



Ø Duct	ØA	ØB	H	Code
80	82	202	70	0014510
100	102	242	80	0014511
120	122	272	85	0014512
130	132	292	90	0014513
140	142	302	90	001451A
150	152	322	95	0014514
160	162	342	100	0014515
180	182	382	110	0016821
200	202	402	110	0016822
250	252	492	130	0016824
300	302	582	150	0016825

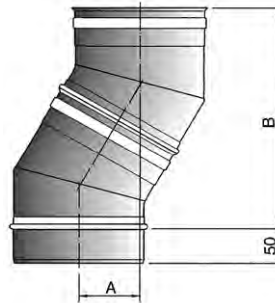
The heights are indicated in millimetres

Coupling 135° Tee with 45° elbow



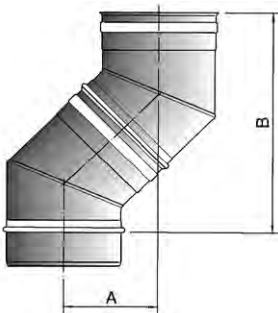
Ø Duct	A	B	H
80	222	289.5	272
100	264	317.5	272
120	329.5	450	435
130	322.5	412	435
140	331	418.5	435
150	347	422.5	435
160	343.5	436	435
180	383.5	487.5	535
200	407.5	517.5	535
250	468	573	635
300	528	622.5	685

Offset with two 30° Elbows



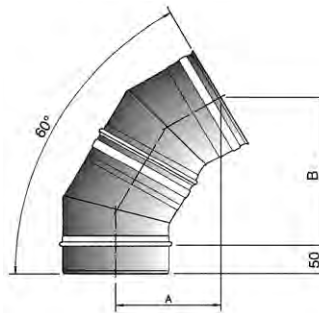
Ø Duct	A	B
80	71.5	267.5
100	74.5	277.5
120	77	287.5
130	78.5	292.5
140	80	297.5
150	81	302.5
160	82.5	307.5
180	85	317.5
200	88	327.5
250	94.5	352.5
300	101	377.5

Offset with two 45° Elbows



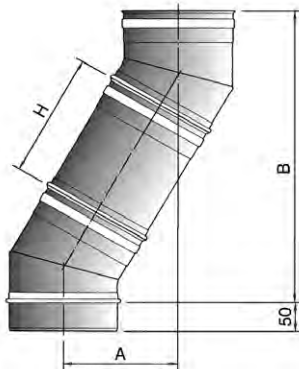
Ø Duct	A	B
80	110.5	266.5
100	116	280.5
120	122	294.5
130	125	302
140	128	309
150	131	316
160	134	323
180	139.5	337
200	145.5	351
250	160	386.5
300	175	422

Offset with 60° with two 30° Elbows



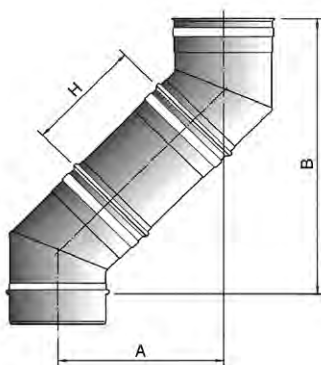
Ø Duct	A	B
80	155.5	219.5
100	160.5	228
120	165.5	236.5
130	168	241
140	170.5	245
150	173	249.5
160	175.5	254
180	180.5	262.5
200	185.5	271.5
250	198	293
300	210.5	314.5

Offset with two 30° elbows and one straight module



Ø Duct	two 30° elbows +							
	Module H = 185		Module H = 272		Module H = 435		Module H = 935	
	A	B	A	B	A	B	A	B
80	164	428	207.5	503	289	644.5	539	1077.5
100	167	438	210.5	513	292	654.5	542	1087.5
120	169.5	448	213	523	294.5	664.5	544.5	1097.5
130	171	453	214.5	528	296	669.5	546	1102.5
140	172	458	216	533	297	674.5	547	1107.5
150	173.5	462	217	538	298.5	679.5	548.5	1112.5
160	175	468	218.5	543	300	684.5	550	1117.5
180	177.5	478	221	553	302.5	694.5	552.5	1127.5
200	180.5	488	224	563	305.5	704.5	555.5	1137.5
250	187	513	230.5	588	312	729.5	562	1162.5
300	193.5	538	237	613	318.5	754.5	568.5	1187.5

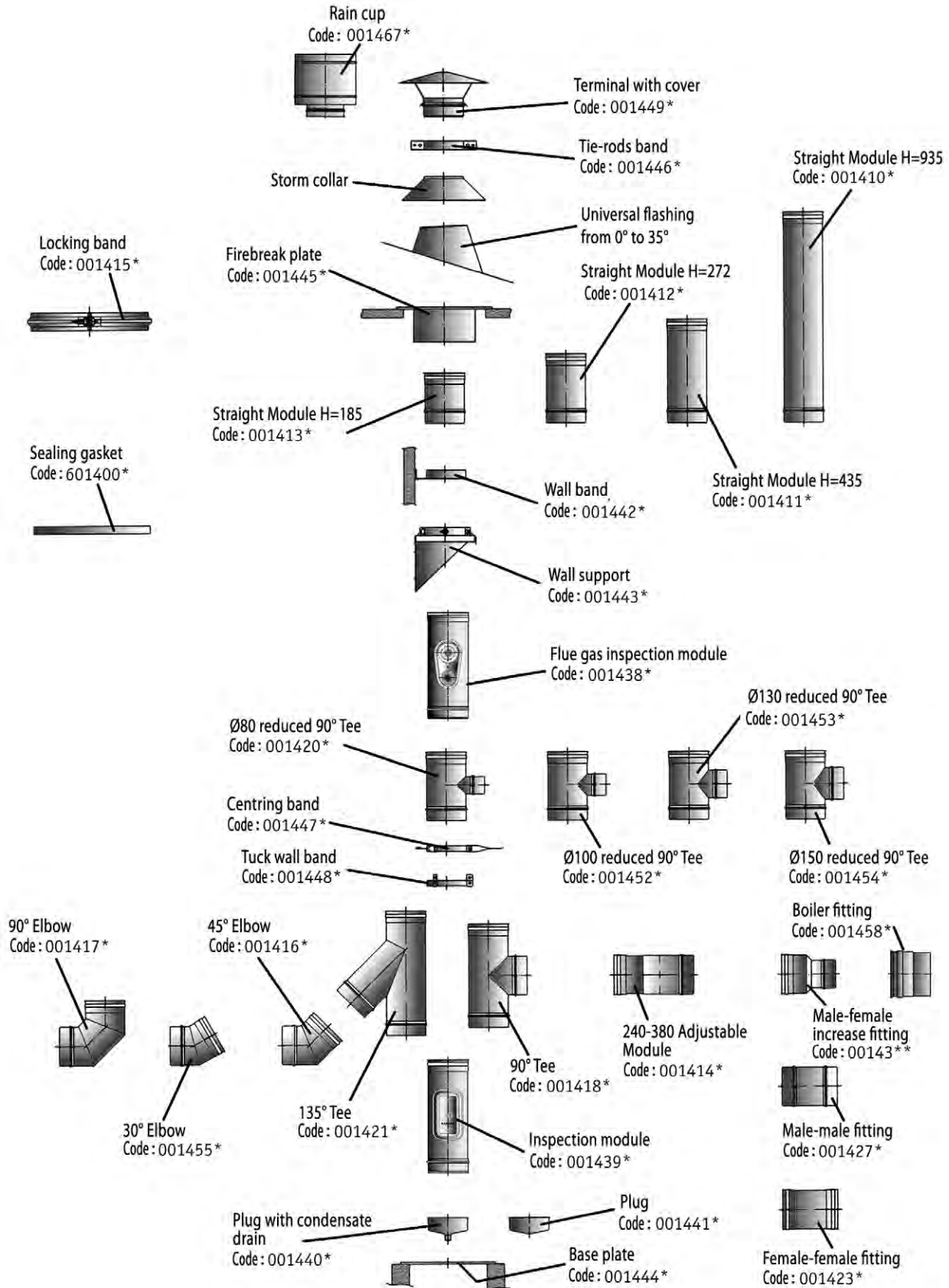
Offset with two 45° elbows and one straight module



Ø Duct	two 45° elbows +							
	Module H = 185		Module H = 272		Module H = 435		Module H = 935	
	A	B	A	B	A	B	A	B
80	241	397	302.5	458.5	418	574	701	857
100	247	411.5	308.5	473	424	588	706.5	871
120	253	425.5	314.5	487	429.5	602	712.5	885
130	256	432.5	317.5	494	432.5	609.5	715.5	892
140	259	439.5	320	501	435.5	616.5	718	899
150	261.5	446.6	323	508	438.5	623.5	721	906.5
160	264.5	453.5	326	515	441.5	630.5	724	913.5
180	270.5	468	332	529.5	447	644.5	730	927.5
200	276.5	482	338	543.5	453	659	736	941.5
250	291	517.5	352.5	579	467	694	750.5	977
300	305.5	552.5	367	614	482.5	729.5	765	1012.5

The heights are indicated in millimetres

* = 0	* = 1	* = 2	* = 3	* = A	* = 4	* = 5	* = 6	* = 7	* = 8	* = 9
Ø 80	Ø 100	Ø 120	Ø 130	Ø 140	Ø 150	Ø 160	Ø 180	Ø 200	Ø 250	Ø 300



The heights are indicated in millimetres

InoxMono Sabiana range of flue components bill of materials to be attached to the order form

Reference:

Notes:

Indicate the quantity of each component

Code	Description	Ø 80	Ø 100	Ø 120	Ø 130	Ø 140	Ø 150	Ø 160	Ø 180	Ø 200	Ø 250	Ø 300
		* = 0	* = 1	* = 2	* = 3	* = A	* = 4	* = 5	* = 6	* = 7	* = 8	* = 9
001410*	Straight module H = 935 mm (useful)											
001411*	Straight module H = 435 mm (useful)											
001412*	Straight module H = 272 mm (useful)											
001413*	Straight module H = 185 mm (useful)											
001414*	Adj. telescopic module 240/380 mm											
001455*	30° Elbow											
001416*	45° Elbow											
001417*	90° Elbow											
001464*	Adjustable elbow from 0° to 90°											
001418*	90° Tee											
001421*	135° Tee											
001463*	90° Tee reduced with Ø80 mm coupling	X										
001438*	Flue gas inspection module	X	X	X								
001439*	Inspection module	X	X	X								
001440*	Plug with condensate drain											
001441*	Closed plug											
001460*	Inspection plug										X	X
001415*	Locking band											
001446*	Tie-rods band											
001447*	Centring band											
001448*	Tuck wall band											
001442*	Wall band											
001443*	Wall support											
001444*	Base plate											
001459*	Base plate with condensate drain											
001445*	Firebreak plate											
001449*	Terminal with cover											
001467*	Rain cup											
001450*	Universal flashing from 0° to 35°								0016811	0016812	0016814	0016815
001451*	Storm collar								0016821	0016822	0016824	0016825
601400*	Gaskets											
901400*	Insulating sleeves L = 950 mm											
001458*	Boiler fitting	X	X									
001423*	Female-female fitting											
001427*	Male-male fitting											
001435*	Male-female increase fitting											
001436*	Male-female increase fitting											
001437*	Male-female increase fitting											
001457*	Male-female increase fitting											

CERTIFICATO DEL CONTROLLO DEL PROCESSO DI FABBRICA

0051 – CPD – 0062

In conformità al DPR n. 246/93, come modificato dal DPR n. 499/97, attuazione della Direttiva 89/106/CEE relativa ai prodotti da costruzione (Direttiva Prodotti da Costruzione – CPD), come modificata dalla Direttiva 93/68/CEE, si dichiara che il prodotto da costruzione

CONDOTTI E CANALI DA FUMO METALLICI

Serie: vedi allegato
Designazione: vedi allegato

costruito da:

SABIANA S.p.A.
Via Piave, 53 – 20011 Corbetta (MI)

nella Fabbrica:

PI.E000IW

è sottoposto dal Produttore alle prove di tipo iniziali (ITT) del prodotto e ad un Controllo del Processo di Fabbrica (FPC).

Per detto prodotto, IMQ ha eseguito l'ispezione iniziale della fabbrica e del Controllo del Processo di Fabbrica (FPC) ed esegue inoltre la sorveglianza continua del medesimo Controllo del Processo di Fabbrica (FPC).

Questo Certificato attesta che tutte le prescrizioni relative al Controllo del Processo di Fabbrica (FPC) descritte nell'Allegato ZA della norma

EN 1856-2:2004

vengono applicate.

Questo Certificato è stato emesso per la prima volta in data 2006-05-23 rimane valido fino a che le condizioni previste nella norma armonizzata citata ovvero le modalità di fabbricazione del prodotto ovvero l'organizzazione stessa del Controllo del Processo di Fabbrica (FPC) applicato vengano modificate in modo significativo.


IMQ
Direttore Tecnico CPD
(Ing. V. Baggio)

Milano, 2006-05-23

Questo Certificato è rilasciato dall'IMQ S.p.A. quale organismo notificato per la direttiva 89/106/CEE. Il numero identificativo dell'IMQ S.p.A. quale organismo notificato è: 0051.

Mod. 725/3



IMQ S.p.A. | 20138 Milano - Via Quintiliano 43 - tel. 0250731(r.a.) - fax 0250991500 - info@imq.it - www.imq.it
Rea MI 1598884 - Registro Imprese MI 12888410159 - C.F./P.I. 12888410159 - Capitale sociale 4.000.000 euro.

ALLEGATO

1 di 1

AL CERTIFICATO DEL CONTROLLO DEL PROCESSO DI FABBRICA n°: 0051-CPD-0062

Data: 2006-05-23

Serie:	Diametri interni (mm) DN:	Designazione:
INOXMONO (con guarnizione)	80-100-120-130-140-150- 160-180-200-250-300	T200 P1 W V2 L50050 O50/O
INOXMONO (senza guarnizione)	80-100-120-130-140-150- 160-180-200-250-300	T600 N1 D V2 L50050 G600/G



Mod. 725/3



IMQ S.p.A. | 20138 Milano - Via Quintiliano 43 - tel. 0250731(r.a.) - fax 0250991500 - info@imq.it - www.imq.it
Rea MI 1598884 - Registro Imprese MI 12888410159 - C.F./P.I. 12888410159 - Capitale sociale 4.000.000 euro.



www.icim.it

CERTIFICATO n. 0545/4
CERTIFICATE No. _____

SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITA' DI
WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

SABIANA S.p.A.

UNITA' OPERATIVE
OPERATIVE UNITS

Via Piave, 53 - 20011 Corbetta (MI)
Italia

E' CONFORME ALLA NORMA
IS IN COMPLIANCE WITH THE STANDARD

UNI EN ISO 9001:2008

PER LE SEGUENTI ATTIVITA'
FOR THE FOLLOWING ACTIVITIES

EA: 18

Progettazione, produzione e assistenza di apparecchiature per il riscaldamento e il condizionamento dell'aria (aerotermi, termostrisce radianti, ventilconvettori e unità trattamento aria) e canne fumarie.

Design, production and service of heating and air conditioning equipment (unit heaters, radiant panels, fan coil units and air handling units) and chimneys.

Riferirsi al Manuale della Qualità per l'applicabilità dei requisiti della norma di riferimento.
Refer to Quality Manual for details of application to reference standard requirements.

Il presente certificato è soggetto al rispetto del regolamento per la certificazione dei sistemi di gestione per la qualità delle aziende.
The use and the validity of this certificate shall satisfy the requirements of the rules for the certification of company quality management systems.

Data emissione
First issue
10/06/1996

Emissione corrente
Current issue
16/02/2010

Data di scadenza
Expiring date
09/04/2012

ICIM S.p.A.

Piazza Don Enrico Mapelli, 75 - 20099 Sesto San Giovanni (MI)

CISQ is a member of



IQNet, the association of the world's first class certification bodies, is the largest provider of management System Certification in the world. IQNet is composed of more than 30 bodies and counts over 150 subsidiaries all over the globe.

Il presente documento annulla e sostituisce il certificato di pari numero emesso in data 10/04/2009.

CISQ è la Federazione Italiana di Organismi di Certificazione dei sistemi di gestione aziendale

CISQ is the Italian Federation of management system Certification Bodies



SGQ N° 004A
SQA N° 005D
SRD N° 004B
SCR N° 000F

Membro degli Accordi di Mutuo Riconoscimento EA e IAF
Signatory of EA and IAF Mutual Recognition Agreements



www.cisq.com

The descriptions and illustrations provided in this publication are not binding: Sabiana reserves the right, whilst maintaining the essential characteristics of the types described and illustrated, to make, at any time, without the requirement to promptly update this piece of literature, any changes that it considers useful for the purpose of improvement or for any other manufacturing or commercial requirements.

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SABIANA

ENVIRONMENTAL COMFORT

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