



QUADRODEC GALVANIZED

SEMI FLEXIBLE CORRUGATED DUCTING

QUADRODEC GALVANIZED is a superb flexible duct constructed of one layer of corrugated galvanized steel 80 Microns. By the inter lockseam a high airtightness and flexibility is reached. 100% recyclable.

APPLICATION

- Suitable for mechanical air supply systems and air conditioning systems.
- Systems, where vapors should be exhausted
- Above mentioned systems, where a special mechanical strength is required

SPECIFICATIONS

Article code: DSDXR(80){*X*}
Temperature range: -30°C to 375°C

Operating pressure: up to +3000 Pa
Operating air velocity: max. 30 m/s
Bending radius: min. 1 x Ø

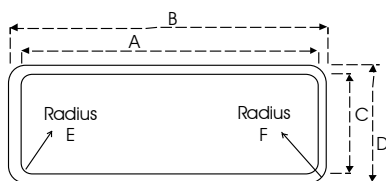
Standard length: 3 mtr

CLASSIFICATIONS

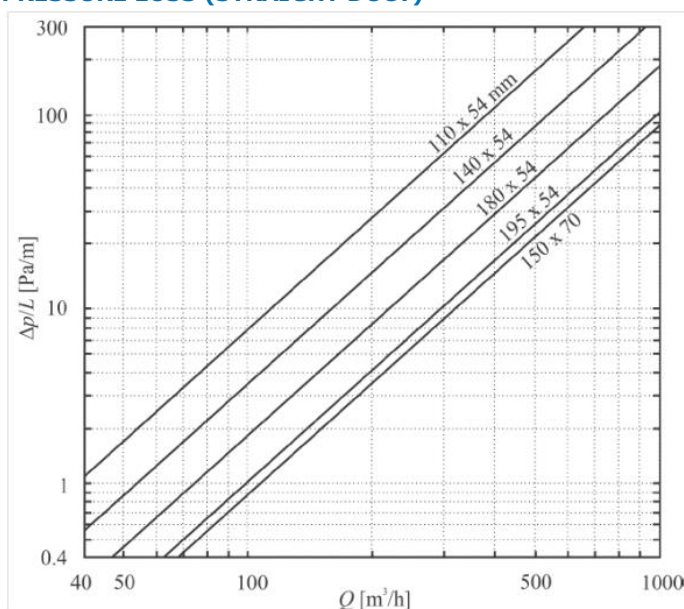
EU (EN 13501-1): A1

Dimensions in mm

Nominal	A	B	C	D	E	F
110x54	118	124	54	60	9	12
140x54	148	154	54	60	9	12
180x54	188	194	54	60	9	12
195x54	203	209	54	60	9	12
200x80	200	206	80	86	9	12
235x80	235	241	80	86	9	12



PRESSURE LOSS (STRAIGHT DUCT)



The pressure drop in the straight sections of semi-flexible ducts made of galvanized steel

Based on the conditions during testing the density of air is calculated and determined as standard condition ($\rho = 1,2 \text{ kg/m}^3$). If conditions differ from these standard conditions, it is necessary to make corrections in that way that the value of unit pressure drop obtained from graph is multiplied by a factor $\rho/1.2$. Unit pressure drop for the straight section of semi-flexible ducts with a rectangular cross-section made of galvanized steel for the conditions of gauge pressure

HOW TO INSTALL

The **QUADRODEC Galvanized** ducts can easily be cut with a metal saw, a sharp blade or scissors. The bending is done by hand. Connecting a SEMIDEC Galvanized duct can be done by simple fitting to an apparatus. Sealing is achieved with a PSB tape sealing and QIP Clamp. The fixing is conducted by a clamp placed on the tape adhesive. The assembly of two lengths requires the use of a male fitting of Galvanized steel or aluminium.

LIABILITY:

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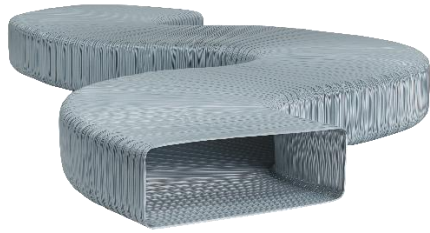
TRADEMARKS:

SEMIDEC, The DEC logo and DEC International are trademarks, or registered trademarks of Dutch Environment Corporation BV in the Netherlands and/or other countries.

RESTRICTIONS:

The SEMIDEC ducts are not suitable for discharging combustion products from open fireplaces and oil-fired boilers. Neither are the ducts suitable for transporting air with a high concentration of acid and base.





QUADRODEC GALVANIZED ACCESSORIES

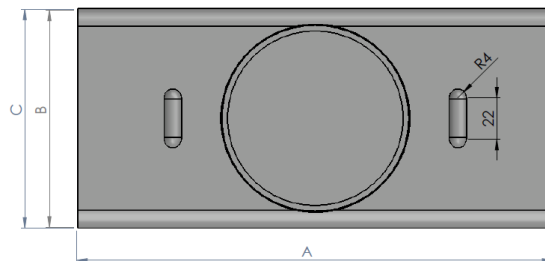
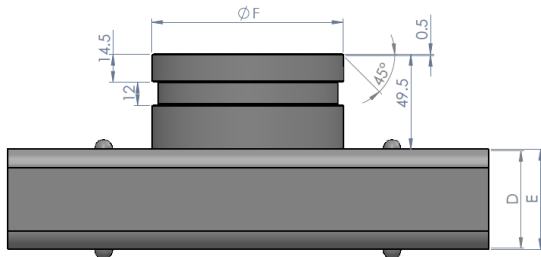
SEMI FLEXIBLE CORRUGATED DUCTING

Accessories

Material is zinc coated (hot-dip) - Zinc amount 100 gr/m²
Chrome free - Not oiled - Material thickness 0.5mm (tolerance ± 0.05 mm)

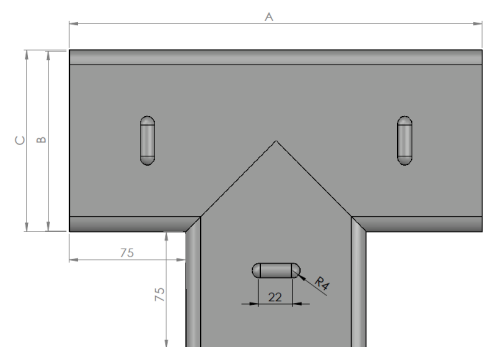
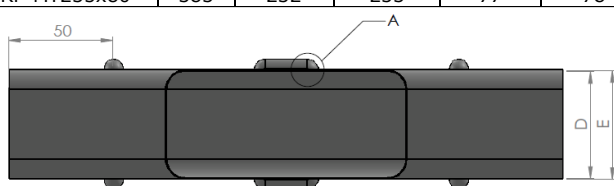
T-Piece to Round Male

Article code	A	B (ID)	C (OD)	D (ID)	E (OD)	F
	mm	mm	mm	mm	mm	mm
DRP-MT110x54-RM100	250	115	116	51	52	99.3
DRP-MT140x54-RM125	275	145	146	51	52	124.3
DRP-MT180x54-RM150	300	185	186	51	52	149.3
DRP-MT195x54-RM160	310	200	201	51	52	159.3
DRP-MT200x80-RM180	330	197	198	77	78	179.3
DRP-MT235x80-RM200	350	232	233	77	78	199.3



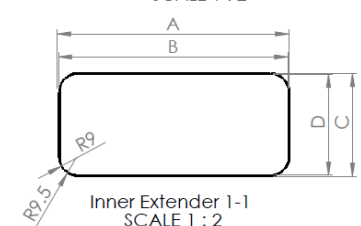
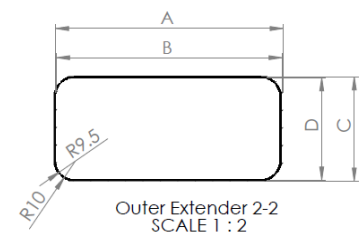
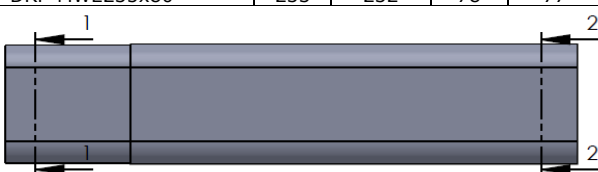
T-Piece Male

Article code	A	B (ID)	C (OD)	D (ID)	E (OD)
	mm	mm	mm	mm	mm
DRP-MT110x54	266	115	116	51	52
DRP-MT140x54	296	145	146	51	52
DRP-MT180x54	336	185	186	51	52
DRP-MT195x54	351	200	201	51	52
DRP-MT200x80	348	197	198	77	78
DRP-MT235x80	383	232	233	77	78



Wall Extender

Article code	Inner Part Extender				Outer Part Extender			
	A	B (ID)	C	D (ID)	A	B (ID)	C	D (ID)
	mm	mm	mm	mm	mm	mm	mm	mm
DRP-MWE110x54	116	115	52	51	117	116	53	52
DRP-MWE140x54	146	145	52	51	147	146	53	52
DRP-MWE180x54	186	185	52	51	187	186	53	52
DRP-MWE195x54	201	200	52	51	202	201	53	52
DRP-MWE200x80	198	197	78	77	199	198	79	78
DRP-MWE235x80	233	232	78	77	234	233	79	78



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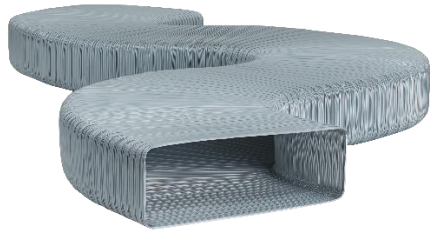
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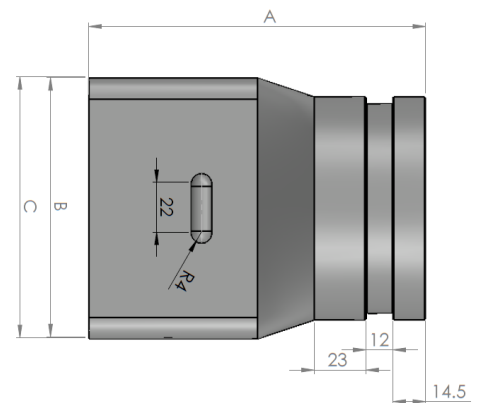
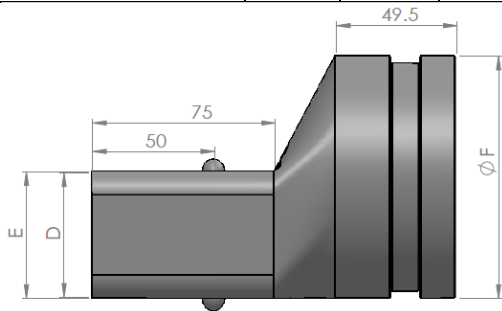
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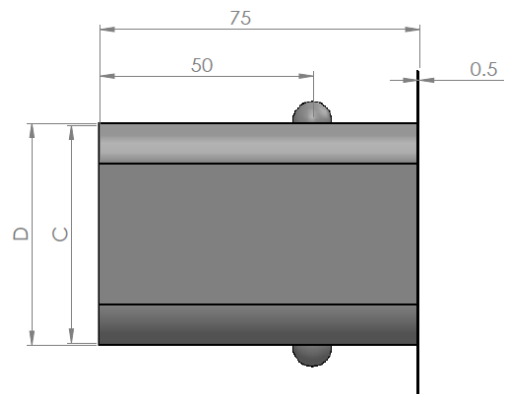
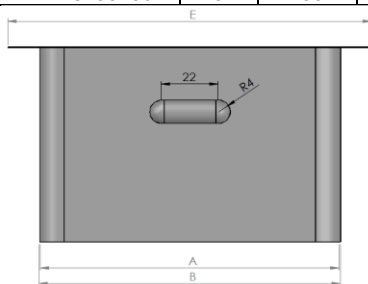
Rectangular to Round Male

Article code	A mm	B (ID) mm	C(OD) mm	D(ID) mm	E(OD) mm	F mm
DRP-M110x54-RM100	149.5	115	116	51	52	99.3
DRP-M140x54-RM125	164.5	145	146	51	52	124.3
DRP-M180x54-RM150	184.5	185	186	51	52	149.3
DRP-M195x54-RM160	194.5	200	201	51	52	159.3
DRP-M200x80-RM180	214.5	197	198	77	78	179.3
DRP-M235x80-RM200	224.5	232	233	77	78	199.3



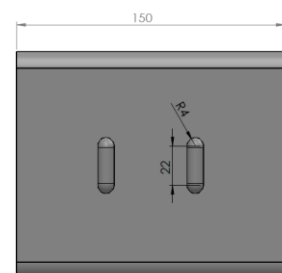
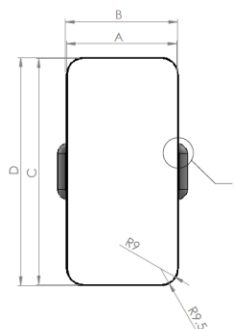
Rectangular Joint Male

Article code	A mm	B (OD) mm	C(ID) mm	D(ID) mm	E mm
DRP-MJ110x54	115	116	51	52	140
DRP-MJ140x54	145	146	51	52	170
DRP-MJ180x54	185	186	51	52	210
DRP-MJ195x54	200	201	51	52	225
DRP-MJ200x80	197	198	77	78	222
DRP-MJ235x80	232	233	77	78	257



Straight Male

Article code	A (ID) mm	B (OD) mm	C(ID) mm	D(OD) mm
DRP-MS110x54	51	52	115	116
DRP-MS140x54	51	52	145	146
DRP-MS180x54	51	52	185	186
DRP-MS195x54	51	52	200	201
DRP-MS200x80	77	78	197	198
DRP-MS235x80	77	78	232	233



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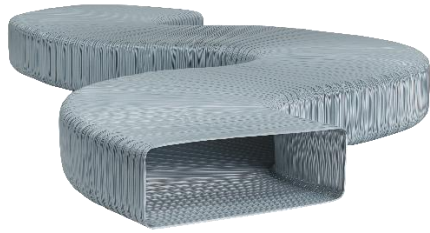
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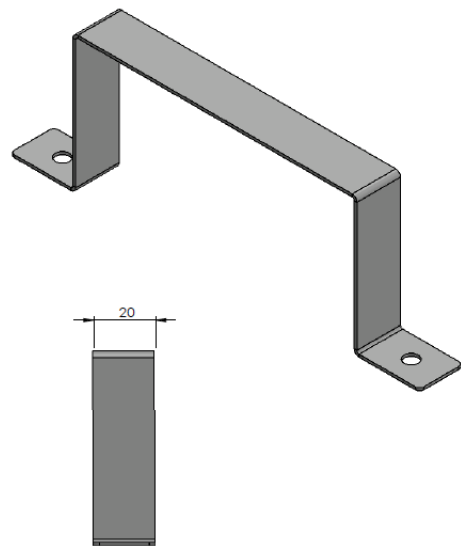
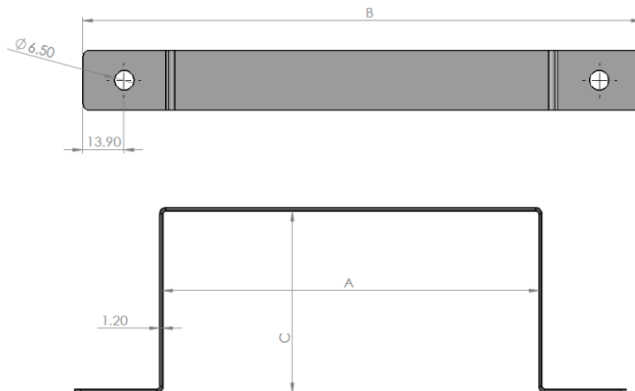
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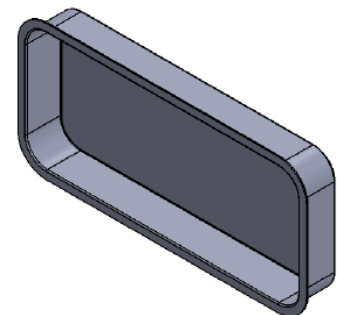
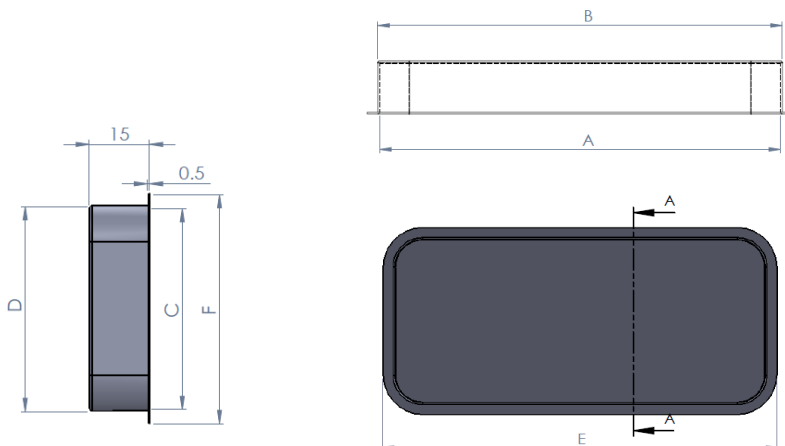
Single bracket

Article code	A mm	B mm	C mm
DRP-B110x54	128	188	62
DRP-B140x54	158	218	62
DRP-B180x54	198	258	62
DRP-B195x54	213	273	62
DRP-B200x80	210	270	88
DRP-B235x80	145	305	88



Lid male

Article code	A mm	B (ID) mm	C (OD) mm	D (ID) mm	E (OD) mm	F mm
DRP-ML110x54	114	115	50	51	121	57
DRP-ML140x54	144	145	50	51	151	57
DRP-ML180x54	184	185	50	51	191	57
DRP-ML195x54	199	200	50	51	206	57
DRP-ML200x80	196	197	76	77	203	83
DRP-ML235x80	231	232	76	77	238	83



SECTION A-A

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