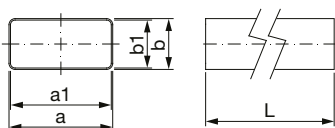


Quadrilateral air distribution system

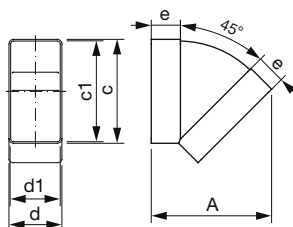
UP-PKP – square pipe (PKPS – collapsible)



- UP-PKP(S)-110x54/1000 (1500),
UP-PKP(S)-204x60/1000 (1500),
UP-PKP-220x90/1000 (1500)
- PVC material
- operating temperature -15 °C to +60 °C

Type	a [mm]	b [mm]	a1 [mm]	b1 [mm]	L [mm]	weight [kg]
UP-PKP(S)-110x54/1000	110	54	107	51	1000	0.074
UP-PKP(S)-110x54/1500	110	54	107	51	1500	0.111
UP-PKP(S)-204x60/1000	204	60	201	57	1000	1.165
UP-PKP(S)-204x60/1500	204	60	201	57	1500	1.748
UP-PKP-220x90/1000	220	90	216	86	1000	1.810
UP-PKP-220x90/1000	220	90	216	86	1500	2.625

UP-OHP – horizontal arches 45°

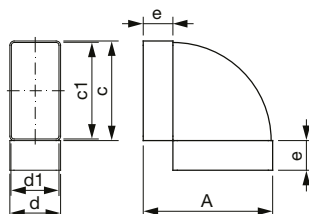


- UP-OHP-110x54/45,
UP-OHP-204x60/45,
UP-OHP-220x90/45
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C

Type	c [mm]	d [mm]	c1 [mm]	d1 [mm]	e [mm]	A [mm]	weight [kg]
UP-OHP-110x54/45	114	59	111	55	32	132	0.080
UP-OHP-204x60/45	209	64	205	60	37	210	0.200
UP-OHP-220x90/45	227	95	220	90	37	222	0.283

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UP-OHP – horizontal arches 90°

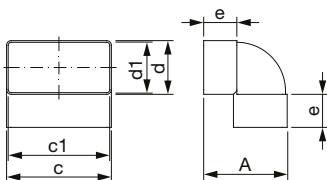


- UP-OHP-110x54/90,
UP-OHP-204x60/90,
UP-OHP-220x90/90
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C

Type	c [mm]	d [mm]	c1 [mm]	d1 [mm]	e [mm]	A [mm]	weight [kg]
UP-OHP-110x54/90	114	59	111	55	32	148	0.120
UP-OHP-204x60/90	209	64	205	60	37	242	0.297
UP-OHP-220x90/90	227	95	220	90	37	261	0.398

Quadrilateral air distribution system

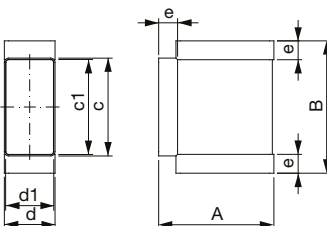
UP-OVP – vertical arches 90°



- UP-OVP-110x54/90,
UP-OVP-204x60/90,
UP-OVP-220x90/90
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C

Type	c [mm]	d [mm]	c1 [mm]	d1 [mm]	e [mm]	A [mm]	weight [kg]
UP-OVP-110x54/90	114	59	111	55	37	94	0.090
UP-OVP-204x60/90	209	64	205	60	37	99	0.145
UP-OVP-220x90/90	227	95	220	90	37	131	0.257

UP-TP – T branch



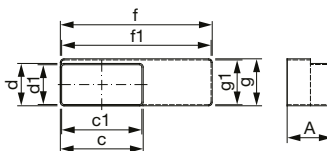
- UP-TP-110x54,
UP-TP-204x60,
UP-TP-220x90
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C

Type	c [mm]	d [mm]	c1 [mm]	d1 [mm]	e [mm]	A [mm]	B [mm]	weight [kg]
UP-TP-110x54	114	59	111	55	22	134	154	0.130
UP-TP-204x60	209	64	205	60	37	244	279	0.367
UP-TP-220x90	227	95	220	90	37	260	295	0.541

UP-PRO – transition horizontal



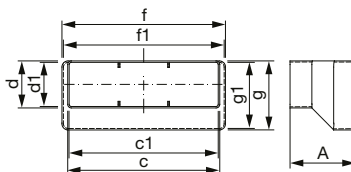
UP-PRO-204x60/110x54



- UP-PRO-204x60/110x54,
UP-PRO-220x90/204x60
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C



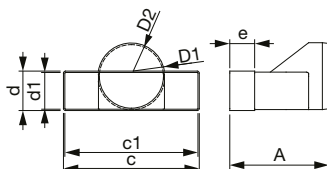
UP-PRO-220x90/204x60



Type	c [mm]	d [mm]	f [mm]	g [mm]	c1 [mm]	d1 [mm]	f1 [mm]	g1 [mm]	A [mm]	weight [kg]
UP-PRO-204x60/110x54	114	59	209	64	111	55	205	60	62	0.070
UP-PRO-220x90/204x60	209	64	227	95	205	60	220	90	90	0.120

Quadrilateral air distribution system

UP-PRP – transition to a square horizontal pipe



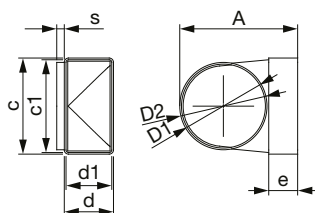
- UP-PRP-110x54/100,
UP-PRP-204x60/100,
UP-PRP-204x60/125,
UP-PRP-220x90/150
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C

Type	c [mm]	d [mm]	c1 [mm]	d1 [mm]	D1 [mm]	D2 [mm]	e [mm]	A [mm]	weight [kg]
UP-PRP-110x54/100	114	59	111	55	100	103	32	120	0.090
UP-PRP-204x60/100	209	64	205	60	100	103	37	155	0.180
UP-PRP-204x60/125	209	64	205	60	125	128	37	155	0.190
UP-PRP-220x90/150	227	95	220	90	150	154	37	200	0.296

UP-TVSP – transition to a vertical square pipe



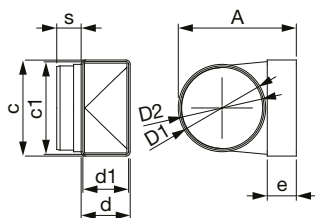
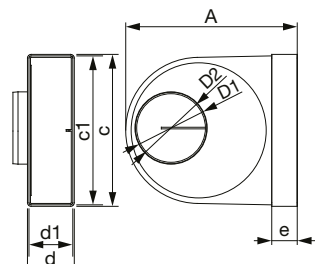
UP-TVSP-110x54/F



- UP-TVSP-110x54/F,
UP-TVSP-110x54/M,
UP-TVSP-204x60/100,
UP-TVSP-204x60/125,
UP-TVSP-204x60/150,
UP-TVSP-220x90/100,
UP-TVSP-220x90/125,
UP-TVSP-220x90/150
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C



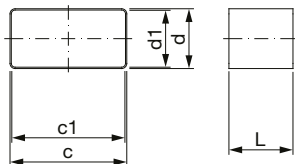
UP-TVSP-110x54/M

UP-TVSP-204x60
UP-TVSP-220x90

Type	c [mm]	d [mm]	c1 [mm]	d1 [mm]	D1 [mm]	D2 [mm]	e [mm]	s [mm]	A [mm]	weight [kg]
UP-TVSP-110x54/F	114	59	111	55	100	103	35	9	141	0.080
UP-TVSP-110x54/M	114	59	111	55	97	94	35	29	141	0.080
UP-TVSP-204x60/100	209	64	205	60	99	96	35	20	235	0.260
UP-TVSP-204x60/125	209	64	205	60	124	121	35	20	235	0.255
UP-TVSP-204x60/150	209	64	205	60	149	146	35	20	235	0.245
UP-TVSP-220x60/100	227	95	220	90	99	96	37	28	237	0.385
UP-TVSP-220x60/125	227	95	220	90	124	121	37	28	237	0.378
UP-TVSP-220x60/150	227	95	220	90	149	146	37	28	237	0.376

Quadrilateral air distribution system

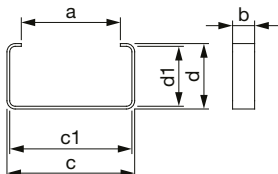
UP-SP – pipe couplings, UP-SPK – pipe couplings with flap



- UP-SP(K)-110x54,
UP-SP(K)-204x60,
UP-SP(K)-220x90
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C

Type	c [mm]	d [mm]	c1 [mm]	d1 [mm]	L [mm]	weight [kg]
UP-SP(K)-110x54	114	59	111	55	63	0.036
UP-SP(K)-204x60	209	64	205	60	74	0.095
UP-SP(K)-220x90	227	95	220	90	74	0.132

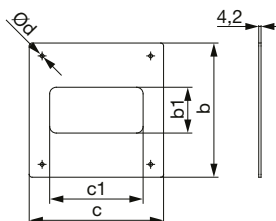
UP-MDP – pipe clamps



- UP-MDP-110x54,
UP-MDP-204x60
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C

Type	c [mm]	d [mm]	c1 [mm]	d1 [mm]	a [mm]	b [mm]	weight [kg]
UP-MDP-110x54	116	60	111	55	90	20	0.010
UP-MDP-204x60	213	66	206	60	169	25	0.030

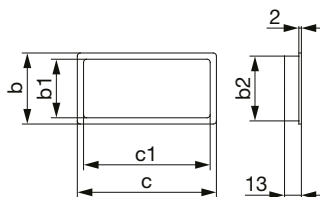
UP-UR – mounting frame



- UP-UR-110x54,
UP-UR-204x60,
UP-UR-220x90
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C

Type	c [mm]	b [mm]	c1 [mm]	b1 [mm]	d [mm]	weight [kg]
UP-UR-110x54	163	163	113	56	4.6	0.060
UP-UR-204x60	264	121	205	62	5.8	0.045
UP-UR-220x90	280	151	221	92	5.8	0.065

UP-DRL – internal plug



- UP-DRL-110x54,
UP-DRL-204x60
- material tough polystyrene (white)
- operating temperature -15 °C to +60 °C

Type	c [mm]	b [mm]	c1 [mm]	b1 [mm]	b2 [mm]	weight [kg]
UP-DRL-110x54	112	57	102	47	51	0.060
UP-DRL-204x60	204	59	197	52	51	0.085