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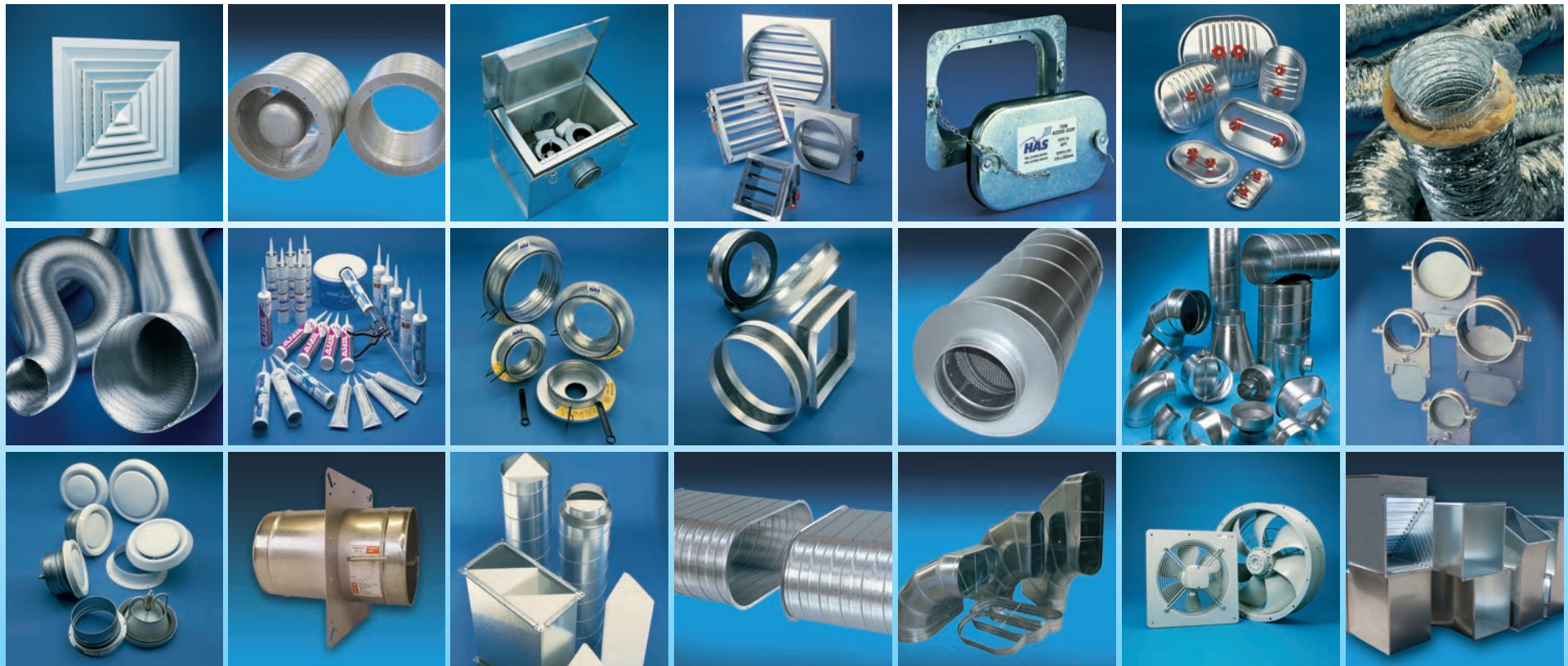


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HAS-Vent are national stockists/distributors for all major HVAC manufacturers which include:

METU®



LORIENT

 **Polypipe**

Vent-Axia

H V C



 **ZIP
CLIP**

**B
S
B**

FläktWoods

 **FANS**
ELTA

Helios 

S&P


**pump
house**

actionair

 **Systemair**



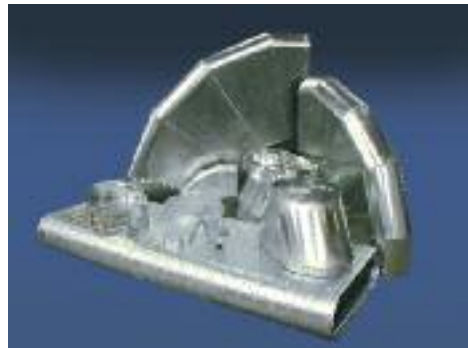
Need a fan?

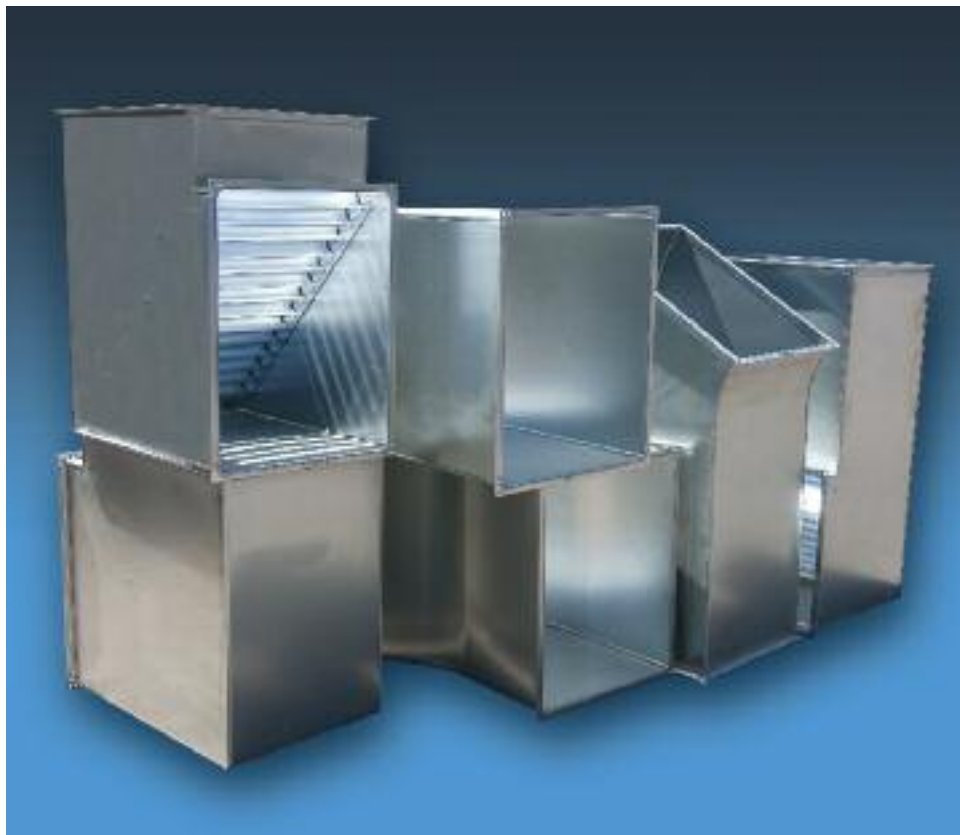
Whatever your air-movement needs, HAS-Vent has a full range of fans available from high quality manufacturers.



Flat Oval Duct

- Manufactured to DW144 – All pressure classes available
- Manufactured in Z275g/m² galvanised steel
- Available in our Colorduct II finish
- Available in 3m lengths as standard, intermediate lengths are available
- Available with couplers or flanges for joining
- Full size range available on request





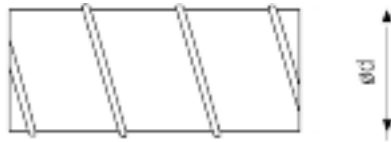
Rectangular Duct

- Manufactured to DW144 – All pressure classes available
- Manufactured in Z275g/m² galvanised steel
- Available in our Colorduct II finish
- Available in 1m, 1.25m, and 1.5m as standard, intermediate lengths are available
- Supplied as standard with our Euroflange

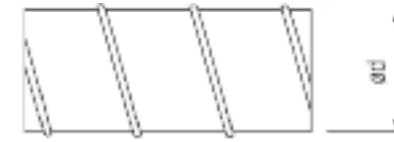


Spiral Tube SPT

Manufactured to DW144 - 3M standard lengths & £ per M



Diameter	£/Length	*£/Metre	Gauge
80mm	53.41	19.58	0.5mm
100mm	53.41	19.58	0.5mm
125mm	67.75	24.84	0.5mm
150mm	85.70	31.43	0.5mm
160mm	89.95	32.98	0.5mm
180mm	134.91	49.47	0.6mm
200mm	128.50	47.12	0.6mm
224mm	202.80	74.36	0.6mm
250mm	160.12	58.71	0.6mm
280mm	229.96	84.32	0.6mm
300mm	180.28	66.11	0.6mm
315mm	204.74	75.07	0.6mm
355mm	302.52	110.92	0.8mm
400mm	303.80	111.39	0.8mm
450mm	384.33	140.92	0.8mm
500mm	427.32	156.68	0.8mm
560mm	478.82	175.56	0.8mm
630mm	540.13	198.05	0.8mm
710mm	621.87	228.02	0.8mm
800mm	689.90	252.97	0.8mm
900mm	973.70	324.56	1.0mm
1000mm	1079.75	359.91	1.0mm
1120mm	1425.34	475.12	1.2mm
1250mm	1586.84	528.95	1.2mm
1400mm	1812.96	604.32	1.2mm
1524mm	2180.80	726.93	1.2mm
1800mm	2545.47	848.49	1.2mm
2000mm	2940.85	980.28	1.2mm



Diameter	£/Length	*£/Metre	Gauge
330mm	336.96	112.32	0.8mm
381mm	390.97	130.33	0.8mm
432mm	442.72	147.58	0.8mm
483mm	495.67	165.22	0.8mm
533mm	546.56	182.19	0.8mm
610mm	587.03	215.24	0.8mm
660mm	621.87	207.29	0.8mm
762mm	811.63	270.54	0.8mm
813mm	1105.18	368.39	1.0mm
864mm	1174.73	391.58	1.0mm
914mm	1248.71	416.23	1.0mm
965mm	1324.13	441.38	1.0mm
1016mm	1626.77	542.25	1.2mm
1066mm	1712.61	570.87	1.2mm
1118mm	1787.01	595.67	1.2mm
1168mm	1887.53	629.18	1.2mm
1219mm	1960.49	653.49	1.2mm
1270mm	2047.77	682.59	1.2mm
1320mm	2133.97	711.33	1.2mm
1600mm	2294.84	764.95	1.2mm

All items above are non standard

Prices are for galvanised steel with a 275g/m² coating - other materials are available

Non standard gauge spiral tube is available on request

* Cut to length rates carry a surcharge

Minimum length for spiral duct is 300mm, surcharge for shorter lengths applies

Circular Fittings - Bends



Diameter	B90	B60	B45	B30	B15	BS90
80mm	17.14	17.55	12.92	13.15	20.95	108.58
100mm	17.14	17.55	12.92	13.15	20.95	108.63
125mm	20.51	21.05	15.54	15.36	25.68	112.12
150mm	30.31	31.14	22.28	20.41	33.38	115.49
160mm	31.84	32.71	23.39	21.00	34.06	115.44
180mm	44.34	45.60	31.86	26.92	37.12	123.13
200mm	42.23	43.42	30.31	25.64	38.70	138.53
224mm	70.67	72.67	54.47	37.41	51.37	153.92
250mm	63.01	64.77	45.42	42.95	52.86	172.39
280mm	74.60	72.10	62.51	59.96	62.24	192.40
300mm	62.49	62.45	48.20	48.17	68.59	215.48
315mm	62.49	62.45	48.20	48.17	68.59	230.87
355mm	74.60	72.08	62.49	59.96	92.60	280.06
400mm	91.92	83.92	67.42	62.45	104.59	328.49
450mm	118.04	96.33	78.28	67.14	121.34	359.42
500mm	153.37	132.12	96.06	69.58	138.09	399.72
560mm	229.00	202.52	121.29	91.36	86.18	430.25
630mm	251.94	270.42	140.82	103.71	97.84	469.71
710mm	385.32	385.29	192.66	168.43	158.90	751.55
800mm	457.96	457.94	276.64	216.22	203.98	844.51
900mm	741.11	741.09	416.73	264.32	249.35	1283.89
1000mm	1086.95	1086.92	667.00	343.39	323.96	1558.62
1120mm	1466.03	1466.01	938.72	595.33	561.63	2311.24
1250mm	1706.33	1706.31	1086.95	629.92	594.27	3243.78
1400mm	3326.42	3326.39	1765.38	892.99	842.46	POA
1524mm	4590.17	4590.17	2130.68	1264.14	1204.64	POA
1800mm	5392.29	5099.56	3106.52	1741.54	1642.98	POA
2000mm	6253.32	6253.29	3927.87	2297.35	2166.31	POA



Diameter	B90	B60	B45	B30	B15	BS90
330mm	210.12	186.78	81.61	102.81	96.99	242.42
381mm	275.37	244.78	88.24	107.75	101.65	317.69
432mm	294.09	261.42	104.76	118.27	111.58	339.29
483mm	328.97	292.44	195.09	120.88	114.03	379.53
533mm	363.96	323.55	220.95	123.47	116.49	419.92
610mm	467.92	235.55	147.84	108.96	102.80	440.58
660mm	571.88	508.36	249.54	155.98	147.15	659.77
762mm	775.54	689.41	301.53	216.91	204.63	894.75
813mm	976.92	868.40	372.11	261.51	246.71	1127.06
864mm	1035.21	920.19	386.53	272.55	257.12	1194.28
914mm	1190.57	1058.27	578.76	294.50	277.83	1373.49
965mm	1323.06	1176.07	608.79	315.44	297.59	1526.37
1016mm	1524.41	1355.06	707.68	468.15	441.65	1758.68
1066mm	1593.64	1416.57	729.79	499.99	471.69	1838.51
1118mm	1994.93	1773.27	1126.58	530.79	500.75	2311.24
1168mm	2363.58	2100.98	1227.56	638.79	602.64	2726.77
1219mm	2517.27	2237.60	1466.12	689.36	650.35	2904.08
1270mm	3046.85	2708.33	1876.88	852.34	804.09	POA
1320mm	4172.89	3709.25	2000.34	1177.25	1110.63	POA
1600mm	5099.56	5099.56	2025.64	1185.74	1118.64	POA

All items above are non standard

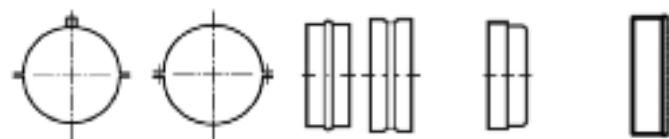
All bends - radius 1/2 x throat diameter - Except BS90 which is 1 x throat diameter

80mm - 250mm inc. Pressed

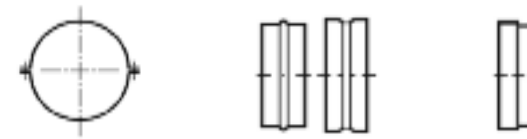
250mm - 2000mm inc. Fabricated

N.B. "B60" & "BS90" bends are all fabricated

Circular Fittings - Male & Female Couplers, Dual End Cap Mesh End Cap, Split & Suspension Rings



Diameter	SSR	SSRS	NP/MF	EMF/EP	CEM
80mm	8.90	9.62	4.78	6.75	7.30
100mm	8.90	9.62	4.78	6.75	7.91
125mm	8.90	9.62	5.17	8.88	9.12
150mm	8.90	9.62	5.17	9.68	10.83
160mm	10.44	13.85	5.17	9.68	11.43
180mm	10.87	13.85	7.14	14.84	13.14
200mm	10.87	13.85	5.96	12.36	14.71
224mm	14.42	18.87	8.33	25.81	16.91
250mm	15.31	18.87	6.94	22.28	18.97
280mm	15.31	18.87	10.79	29.98	23.47
300mm	15.98	22.92	9.00	24.98	25.66
315mm	18.22	22.92	9.00	24.98	27.97
355mm	18.67	24.31	12.44	42.90	33.44
400mm	19.12	25.53	12.80	46.64	40.25
450mm	POA	25.53	17.17	52.49	54.23
500mm	POA	28.34	17.17	54.05	65.91
560mm	POA	30.94	20.12	108.63	POA
630mm	POA	30.94	23.85	122.55	POA
710mm	POA	32.99	43.14	143.15	POA
800mm	POA	35.20	45.79	162.79	POA
900mm	POA	74.62	56.05	248.45	POA
1000mm	POA	77.24	56.35	337.44	POA
1120mm	POA	83.08	80.98	438.25	POA
1250mm	POA	89.44	85.98	514.02	POA
1400mm	POA	POA	196.18	718.39	POA
1524mm	POA	POA	214.44	767.06	POA
1800mm	POA	POA	243.98	864.52	POA
2000mm	POA	POA	POA	POA	POA



Diameter	SSRS	NP/MF	CE
330mm	POA	46.54	91.97
381mm	POA	50.86	95.22
432mm	POA	52.79	98.87
483mm	POA	57.28	111.50
533mm	POA	61.02	120.54
610mm	30.94	63.13	115.17
660mm	84.75	68.98	151.29
762mm	218.31	73.61	161.38
813mm	236.91	86.39	207.48
864mm	271.52	88.58	211.06
914mm	306.45	92.21	296.00
965mm	340.92	95.31	299.87
1016mm	408.86	103.34	371.04
1066mm	480.56	115.91	404.64
1118mm	516.99	127.41	438.25
1168mm	552.78	135.62	505.45
1219mm	572.89	138.18	539.05
1270mm	POA	174.93	621.06
1320mm	POA	190.05	669.73
1600mm	POA	POA	POA

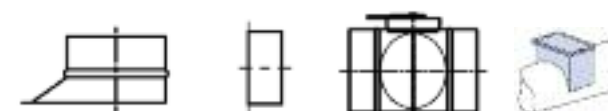
All items above are non standard

Dual threaded suspension rings suitable for M8 & M10 Tap Rod and lined

Dual cap ends from 80mm to 315mm dia only

Cap ends 355mm dia and above are male

Circular Fittings - Flat Shoes, Flanged Spigots SBD Single Blade Dampers, Bird Beaks (with mesh) & Access Door Sections

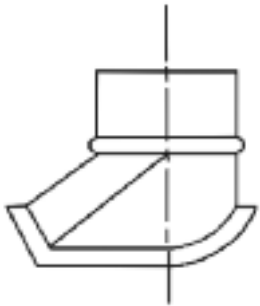


Diameter	FB	IL	SBD	BEAK	ADS
80mm	42.87	4.96	40.50	16.91	217.55
100mm	42.87	5.84	40.50	17.15	222.13
125mm	46.60	6.13	40.98	17.76	226.82
150mm	48.99	6.52	46.64	20.43	231.44
160mm	48.99	6.52	46.64	21.89	236.05
180mm	69.30	8.07	59.55	31.84	240.65
200mm	57.75	8.17	49.62	31.84	245.25
224mm	87.03	8.17	69.87	39.15	249.85
250mm	72.51	10.90	58.21	39.15	254.45
280mm	116.68	12.27	77.65	47.91	259.10
300mm	97.22	13.83	64.69	56.67	266.85
315mm	98.05	16.75	64.69	56.67	271.45
355mm	116.57	17.03	85.17	70.16	276.05
400mm	130.81	18.78	89.66	87.43	280.02
450mm	185.46	28.23	118.55	123.30	284.62
500mm	193.42	32.04	131.70	147.50	286.79
560mm	294.08	50.73	POA	POA	290.80
630mm	321.59	52.88	POA	POA	310.25
710mm	POA	86.81	POA	POA	315.60
800mm	POA	101.66	POA	POA	321.62
900mm	POA	125.53	POA	POA	328.29
1000mm	POA	125.53	POA	POA	334.97
1120mm	POA	POA	POA	POA	342.98
1250mm	POA	POA	POA	POA	366.45
1400mm	POA	POA	POA	POA	588.55
1524mm	POA	POA	POA	POA	599.34
1800mm	POA	POA	POA	POA	623.36
2000mm	POA	POA	POA	POA	623.36

Diameter	FB	IL	SBD	ADS
381mm	POA	72.80	POA	280.02
432mm	POA	74.73	POA	284.62
483mm	POA	79.20	POA	286.79
533mm	POA	85.21	POA	290.80
610mm	POA	42.25	POA	308.92
660mm	POA	88.23	POA	315.60
762mm	POA	90.14	POA	319.07
813mm	POA	106.19	POA	321.62
864mm	POA	95.38	POA	328.29
914mm	POA	109.16	POA	334.97
965mm	POA	111.17	POA	334.97
1016mm	POA	107.55	POA	342.98
1066mm	POA	109.89	POA	342.98
1118mm	POA	117.57	POA	342.98
1168mm	POA	125.14	POA	366.45
1219mm	POA	136.41	POA	366.45
1270mm	POA	159.04	POA	581.58
1320mm	POA	167.84	POA	581.58
1600mm	POA	220.65	POA	605.96

All items above are non standard

Circular Fittings - Shoe Branch



Diameter	80	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	610	630	
80mm	POA																			
100mm	POA	48.97																		
125mm	POA	48.97	49.46																	
150mm	POA	48.97	49.46	53.99																
160mm	POA	48.97	49.46	53.99	59.87															
180mm	POA	48.97	49.46	53.99	59.87	78.83														
200mm	POA	48.97	49.46	53.99	59.87	78.83	65.70													
224mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53												
250mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10											
280mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10	118.86										
300mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10	118.86	99.03									
315mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10	118.86	99.03	117.89								
355mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10	118.86	99.03	117.89	155.84							
400mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10	118.86	99.03	117.89	155.84	182.40						
450mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10	118.86	99.03	117.89	155.84	182.40	216.07					
500mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10	118.86	99.03	117.89	155.84	182.40	216.07	250.89				
560mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10	118.86	99.03	117.89	155.84	182.40	216.07	250.89	275.02			
610mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10	118.86	99.03	117.89	155.84	182.40	216.07	250.89	275.02	330.08		
630mm	POA	48.97	49.46	53.99	59.87	78.83	65.70	92.53	77.10	118.86	99.03	117.89	155.84	182.40	216.07	250.89	275.02	330.08	275.02	

For Fitting Add:

10.06	10.06	10.06	10.06	10.06	10.06	12.55	12.55	12.55	12.55	16.96	16.96	21.36	21.36	25.77	25.77	25.77	30.16	30.16	30.16
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NB. Fitting Prices are not subject to discount

Circular Fittings - Y Pieces, Cowls, Offsets & Twin Bends



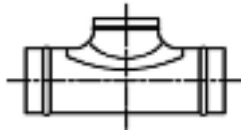
Diameter	Y	C	OS	TB
80mm	108.85	50.76	110.31	115.12
100mm	108.85	53.29	115.47	115.12
125mm	118.07	59.13	140.81	134.31
150mm	123.20	64.08	161.90	147.51
160mm	125.73	67.71	164.98	151.11
180mm	128.43	192.23	169.02	241.56
200mm	131.04	83.01	194.60	201.28
224mm	149.23	216.57	201.36	271.96
250mm	167.41	95.35	210.78	226.61
280mm	184.20	262.59	210.78	431.66
300mm	197.36	283.95	225.19	359.70
315mm	207.25	303.49	225.19	359.70
355mm	233.57	323.31	302.99	443.77
400mm	263.12	331.40	302.99	515.73
450mm	395.72	339.51	384.08	623.69
500mm	528.54	373.85	469.98	672.80
560mm	661.34	534.62	496.52	864.28
630mm	793.93	558.21	588.17	947.09
710mm	926.85	568.64	676.16	1242.13
800mm	1058.64	926.19	741.18	1821.83
900mm	1252.63	944.95	799.29	2536.02
1000mm	1446.61	POA	977.38	3804.09
1120mm	1705.25	POA	1339.72	5745.34
1250mm	1854.15	POA	1641.56	6006.49
1400mm	POA	POA	1932.22	POA
1524mm	POA	POA	2144.50	POA
1800mm	POA	POA	2938.07	POA
2000mm	POA	POA	POA	POA

Diameter	Y	C	OS	TB
330mm	217.15	312.39	245.57	473.17
381mm	250.66	326.61	302.99	531.85
432mm	329.49	245.92	384.08	670.96
483mm	462.29	345.20	384.08	1039.47
533mm	594.88	359.54	488.95	1131.26
610mm	727.47	373.85	535.86	1375.62
660mm	860.83	568.64	635.41	1683.48
762mm	993.20	858.50	714.59	1974.27
813mm	1123.30	932.37	746.08	2298.21
864mm	1187.97	937.14	765.35	2415.24
914mm	1317.29	945.92	804.58	3001.59
965mm	1381.95	960.14	1066.09	3153.70
1016mm	1511.28	POA	983.47	3500.91
1066mm	1575.93	POA	1002.34	3634.14
1118mm	1705.25	POA	1339.72	5745.34
1168mm	1769.91	POA	1440.75	4964.14
1219mm	1834.58	POA	1608.86	5565.05
1270mm	POA	POA	1662.98	POA
1320mm	POA	POA	1777.52	POA
1600mm	POA	POA	2398.47	POA

All items above are non standard

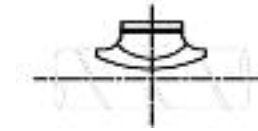
Circular Fittings - TCP 90 Deg Pressed Tee, PS Pressed Saddles

TCP 90 Deg Pressed Tee



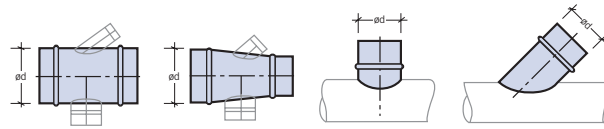
Diameter	80	100	125	150	160	180	200	224	250	280	300	315
80mm	40.47											
100mm	37.00	37.00										
125mm	50.27	50.27	48.85									
150mm	53.84	53.84	54.47	52.12								
160mm	55.47	55.47	57.73	61.91	62.71							
180mm	81.98	81.98	83.93	89.81	89.81	97.36						
200mm	68.31	68.31	69.92	74.84	74.84	97.36	81.11					
224mm	91.82	91.82	93.98	100.02	100.02	113.57	113.57	130.81				
250mm	76.52	76.52	78.32	83.37	83.37	113.57	94.64	130.81	112.07			
280mm	94.90	94.90	97.36	103.20	103.20	120.71	120.71	137.77	140.37	159.58		
300mm	79.08	79.08	81.15	86.00	86.00	125.08	100.58	137.77	116.99	159.58	132.97	
315mm	80.41	80.41	82.39	87.48	87.48	122.91	102.43	141.15	118.74	160.89	134.06	139.43
355mm	92.38	92.38	96.31	105.46	105.46	145.86	121.56	157.12	137.10	176.38	146.95	152.51
400mm	97.79	97.79	102.02	101.91	101.91	154.48	128.74	171.81	144.82	187.32	156.08	161.52
450mm	103.71	103.71	105.54	112.75	121.78	160.23	133.53	177.95	149.40	191.67	159.73	165.11
500mm	107.79	107.79	112.18	117.12	130.92	171.37	142.80	187.15	157.64	202.19	168.41	173.81
560mm	110.53	110.53	114.81	120.10	125.57	165.30	146.66	193.64	163.36	208.61	173.81	179.29
610mm	136.20	136.20	141.73	148.00	160.89	177.16	177.16	200.75	200.75	213.33	213.33	219.83
630mm	118.45	118.45	122.52	128.57	137.80	185.19	154.33	205.43	174.51	221.84	184.85	190.92

PS Pressed Saddles

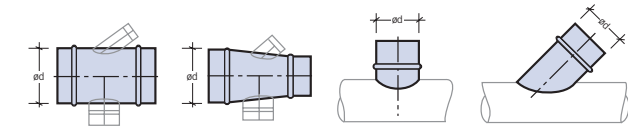


Diameter	80	100	125	150	160	180	200	224	250	280	300	315
80mm	11.07											
100mm	11.07	11.07										
125mm	11.07	11.07	13.36									
150mm	11.07	11.07	13.36	20.49								
160mm	11.07	11.07	13.36	20.49	20.49							
180mm	11.07	11.07	13.36	20.49	20.49	28.01						
200mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38					
224mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51				
250mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45			
280mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45	67.79		
300mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45	67.79	56.52	
315mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45	67.79	56.52	56.52
355mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45	67.79	56.52	56.52
400mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45	67.79	56.52	56.52
450mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45	67.79	56.52	56.52
500mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45	67.79	56.52	56.52
560mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45	67.79	56.52	56.52
610mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45	67.79	56.52	56.52
630mm	11.07	11.07	13.36	20.49	20.49	28.01	23.38	42.51	35.45	67.79	56.52	56.52

Circular Fittings - Branch Fittings Tee Bodies, Extended Reducers, Conical Branches and 45 Deg Branches



Diameter	Tee Body RB	Extended Reducer FRL	90 Deg Spigot SP90	45 Deg Spigot SP45
80mm	59.26	103.71	73.09	98.68
100mm	61.27	107.23	73.09	98.68
125mm	72.27	126.47	73.09	98.68
150mm	78.34	137.10	75.90	102.47
160mm	83.52	146.16	75.90	102.47
180mm	87.18	152.57	77.60	104.75
200mm	90.67	158.67	81.05	109.42
224mm	95.95	167.92	85.47	115.37
250mm	99.65	174.37	89.85	121.30
280mm	104.72	183.26	94.24	127.22
300mm	104.72	189.05	98.63	133.14
315mm	111.34	194.84	103.00	139.06
355mm	145.00	253.75	111.91	151.08
400mm	156.65	274.13	126.06	170.94
450mm	168.35	294.60	141.80	191.44
500mm	180.04	315.07	157.55	212.69
560mm	204.26	357.45	167.96	226.75
630mm	222.31	389.03	191.85	258.99
710mm	294.79	515.89	231.32	312.28
800mm	346.03	605.55	262.92	354.94
900mm	417.47	730.57	301.00	406.36
1000mm	520.66	911.16	423.84	572.19
1120mm	629.18	1101.07	558.44	753.90
1250mm	760.84	1331.47	808.99	1092.15
1400mm	1043.63	1826.35	906.04	1223.16
1524mm	1177.68	2060.93	986.31	1331.52
1800mm	1626.98	2847.20	1206.74	1629.11
2000mm	2165.57	3789.75	1353.61	1827.38



Diameter	Tee Body RB	Extended Reducer FRL	90 Deg Spigot SP90	45 Deg Spigot SP45
330mm	121.64	212.88	107.39	144.98
381mm	150.80	263.91	120.10	162.14
432mm	162.50	284.37	136.19	183.84
483mm	174.20	304.84	152.16	205.40
533mm	192.18	336.33	160.56	216.74
610mm	217.47	380.57	176.78	238.64
660mm	250.04	437.57	211.34	285.32
762mm	337.22	590.14	251.06	338.92
813mm	384.67	673.17	274.55	370.65
864mm	407.53	713.16	287.88	388.64
914mm	445.55	779.72	351.03	473.89
965mm	494.57	865.50	374.54	505.63
1016mm	546.76	956.81	473.10	638.67
1066mm	572.84	1002.48	524.60	708.21
1118mm	629.18	1101.07	558.44	753.90
1168mm	659.48	1154.10	642.00	866.70
1219mm	700.35	1225.61	725.55	979.50
1270mm	956.52	1673.90	821.03	1108.39
1320mm	989.79	1732.13	854.31	1153.32
1600mm	1408.73	2465.28	1059.77	1430.69

All items above are non standard

Metu Circular Duct Joining System



Flanges



Clips

Galvanised Steel

Diameter	CF Flange Ring	CC Joining Clip	CFS Flange Set	FCF Fitting Price Per Flange
200mm	10.30	17.76	38.36	11.46
224mm	11.67	18.48	41.82	11.46
250mm	11.95	18.65	42.55	11.46
280mm	12.76	19.07	44.58	11.46
300mm	13.01	19.29	45.31	11.46
315mm	13.21	19.43	45.84	11.46
355mm	14.07	19.76	47.90	11.46
400mm	14.93	20.30	50.17	18.18
450mm	16.16	20.91	53.24	18.18
500mm	28.22	29.09	85.53	26.39
560mm	31.21	30.77	93.19	26.39
630mm	34.37	32.52	101.25	26.39
710mm	41.76	34.37	117.89	27.89
800mm	42.18	36.37	120.74	28.38
900mm	46.42	38.64	131.49	28.38
1000mm	85.23	76.19	246.65	38.84
1120mm	93.66	81.85	269.18	40.46
1250mm	102.98	87.77	293.74	42.33
1400mm	113.45	94.58	321.49	49.66
1600mm	127.08	101.98	356.14	49.66
1800mm	176.81	143.17	496.79	54.17
2000mm	192.58	158.87	544.04	90.22

Smaller sizes are available on request

Stainless Steel Grade 304

Diameter	Flange Ring	Joining Clip	Flange Set	Fitting Price Per Flange
200mm	57.31	90.65	205.28	11.46
224mm	57.31	90.65	205.28	11.46
250mm	57.31	90.65	205.28	11.46
280mm	63.01	94.36	220.37	11.46
300mm	63.01	94.36	220.37	11.46
315mm	65.24	95.28	225.76	11.46
355mm	75.13	98.02	248.26	11.46
400mm	74.23	100.02	248.48	18.18
450mm	79.76	102.63	262.14	18.18
500mm	138.83	143.21	420.87	26.39
560mm	152.73	151.47	456.94	26.39
630mm	169.29	159.80	498.37	26.39
710mm	186.98	169.06	543.04	27.89
800mm	206.42	179.48	592.31	28.38
900mm	227.63	189.66	644.93	28.38
1000mm	418.95	374.76	1212.65	38.84
1120mm	461.10	402.70	1324.90	40.46
1250mm	506.80	432.10	1445.69	42.33
1400mm	558.36	463.47	1580.20	49.66
1600mm	624.95	502.61	1752.50	49.66
1800mm	914.15	651.87	2480.18	54.17
2000mm	1015.73	724.29	2755.75	90.22

For quick and easy installation of METU flanges and clips, see Page 38 for "Metu Nut Runners"

Flexible Ducting - Types: MU,MI,ML,MP



Nominal Diameter mm	HASFLEX FLMU Aluminium Uninsulated Price per 10 metre Length	HASFLEX FLMI Aluminium Insulated Price per 10 metre Length	HASFLEX FLML Acoustic Flexible Ducting with Interliner Price per 10 metre Length	HASFLEX FLMP P.V.C Glassfibre Uninsulated Price per 6 metre Length
80	13.89	41.37	45.50	20.28
100	14.71	46.49	51.15	21.14
125	17.46	55.08	60.60	26.88
150	22.10	63.98	70.38	30.49
160	22.84	65.27	71.80	31.10
180	25.71	69.51	76.46	39.18
200	28.77	75.29	82.81	40.51
224	34.59	83.80	92.18	49.49
250	37.55	92.75	102.02	53.05
280	43.92	97.95	107.75	62.25
300	47.52	102.28	112.51	63.56
315	49.33	103.89	114.27	69.30
355	56.66	133.78	147.16	81.99
400	66.23	153.36	168.69	89.04
450	77.99	171.36	188.50	101.92
500	83.04	180.64	198.70	116.09
560	99.88	201.63	POA	128.78
610	111.99	233.27	POA	140.76



Nominal Diameter mm	HASFLEX FLMC Combi Flex - Aluminium Inner & PVC Outer Price per 6 metre Length	HASFLEX FLPK Aluminium Price per 3 metre Length
80	13.19	21.54
100	13.41	24.23
125	15.93	27.87
150	18.93	36.79
160	20.00	39.22
180	22.61	43.99
200	25.41	48.27
224	29.65	67.13
250	32.35	61.03
280	36.92	85.36
300	39.35	77.61
315	42.03	81.48
355	48.14	96.29
400	55.56	108.40
450	64.20	121.47
500	69.08	127.97
560	80.40	POA
610	89.19	POA

Nylon Clamps

Adjustable nylon ties which are tensioned and installed with a special tool

Code	Dia Range	Price Each
NC100	upto 100dia	0.77
NC180	upto 180dia	1.01
NC250	upto 250dia	1.09
NC315	upto 315dia	2.16
NCT	Installation Tool	114.83

Quick Release Clips

Code	Dia Range	Price Each
QRC115	60 - 115mm	2.62
QRC175	60 - 175mm	2.70
QRC215	60 - 215mm	3.56
QRC320	60 - 320mm	4.92
QRC540	60 - 540mm	8.13

Lightning Band System

Code	Description	Price Each
LB30	Lightning Band - 30 metre coil	88.79
LBHS	Housing & Screws - Box 100	108.41
LBCS	Captive Screw/Housing - Box 100	305.06

Stainless Steel Banding System

Code	Description	Price Each
SSB	Stainless Steel Banding - 30 metre coil	56.70
SSL	One piece locks - Box 50	79.08

Slotted Suspension Channel System

Slotted Channel Profiles

Code	Description	Price
SSCL423	40 x 20 x 1.6mm x 3M Length	52.69
SSCL443	40 x 40 x 1.6mm x 3M Length	70.72
SSCL425	40 x 20 x 1.6mm x 5M Length	87.83
SSCL445	40 x 40 x 1.6mm x 5M Length	117.92
SSCH4233	40 x 20 x 2.5mm x 3M Length	82.12
SSCH4433	40 x 40 x 2.5mm x 3M Length	102.13
SSCH426	40 x 20 x 2.5mm x 6M Length	164.31
SSCH446	40 x 40 x 2.5mm x 6M Length	232.87
SSCH486	80 x 40 x 2.5mm x 6M Length (back to back Slotted)	609.75

Plain Back to Back Channel

Code	Description	Price
PSCL486	80 x 40 x 2.5mm x 6M Length (back to back Plain)	588.85

Channel End Caps

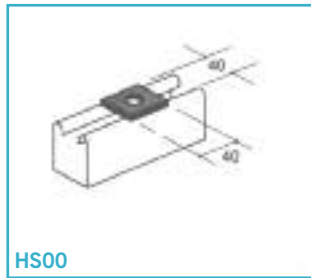
Code	To Fit	Colour	Price each
CECW4020	40 x 20	White each	0.41
CECB4020	40 x 20	Black each	0.41
CECW4040	40 x 40	White each	0.41
CECB4040	40 x 40	Black each	0.41

Slotted Channel Bracketry

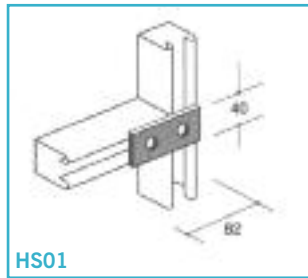
Code	Price	Code	Price
HS00M6-M12	1.07	HS40/300	20.14
HS01	2.06	HS40/450	24.21
HS02	3.01	HS40/600	29.07
HS03	4.04	HS70/300	22.29
HS04	5.07	HS70/450	27.77
HS06	4.57	HS70/600	32.28
HS07	5.86	HS44	9.18
HS11	2.25	HS45/21	6.63
HS12	3.81	HS45/41	7.38
HS14	4.80	HS48	2.52
HS15	10.67	HS90/08	7.15
HS22	3.54	HS90/10	7.61
HS23	4.04	HS90/12	9.59
HS24	6.26	HS91	2.78
HS25	5.67		
HS26	5.87		
HS29/30/45/60	3.81		
HS31/30/45/60	4.79		
HS33	15.04		
HS37	22.69		
HS38	11.19		
HS39	11.19		

Window brackets c/w cone point screws

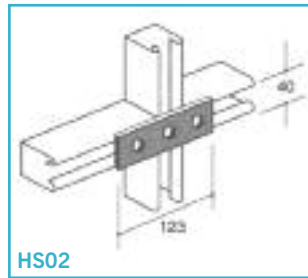
Slotted Suspension Channel System



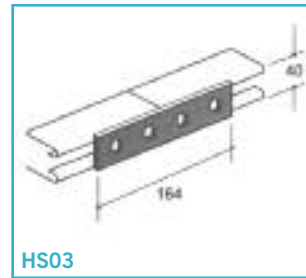
HS00



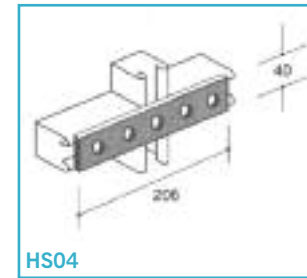
HS01



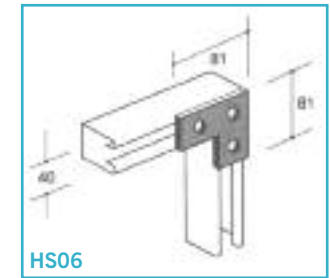
HS02



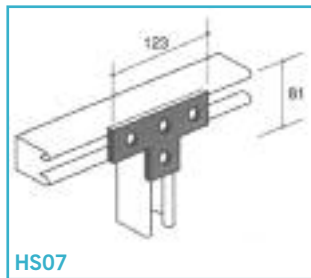
HS03



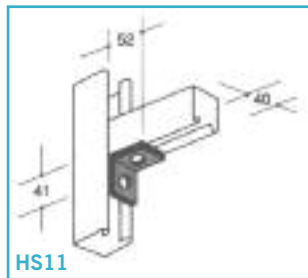
HS04



HS06



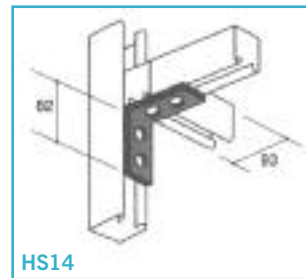
HS07



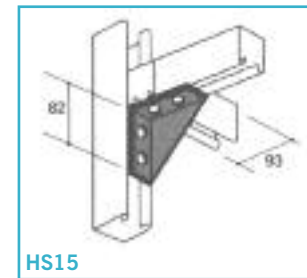
HS11



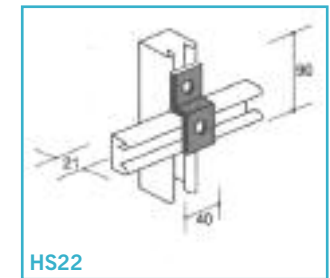
HS12



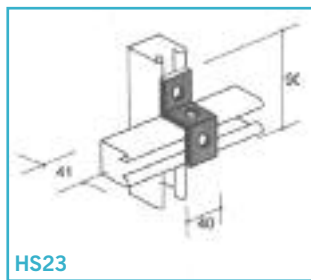
HS14



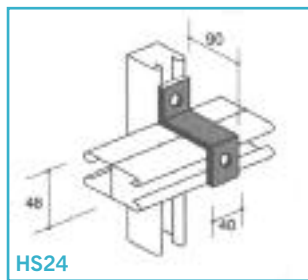
HS15



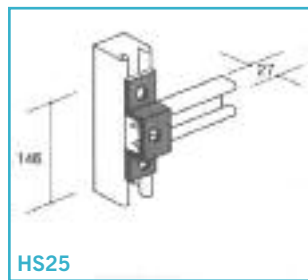
HS22



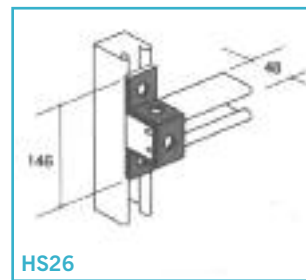
HS23



HS24



HS25

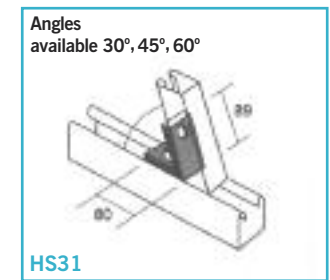


HS26



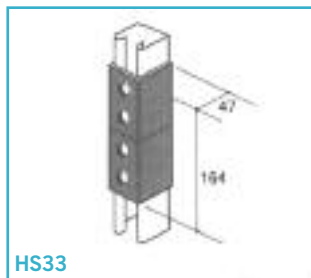
Angles available 30°, 45°, 60°

HS29



Angles available 30°, 45°, 60°

HS31

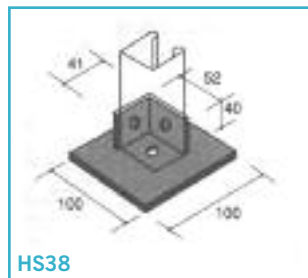


HS33

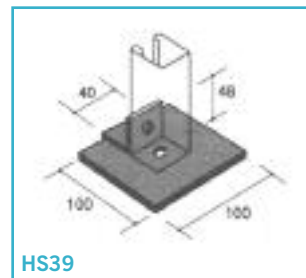


BASE PLATES 5mm thick 14mm ϕ Base Holes

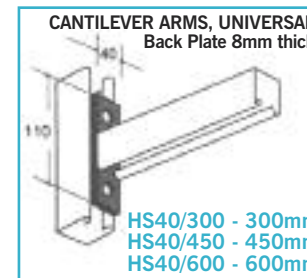
HS37



HS38

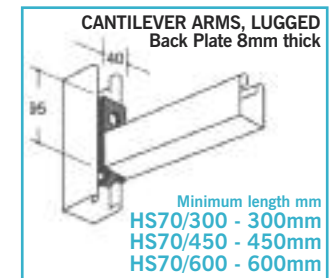


HS39



CANTILEVER ARMS, UNIVERSAL
Back Plate 8mm thick

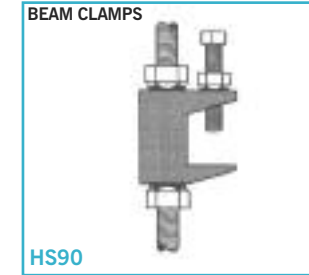
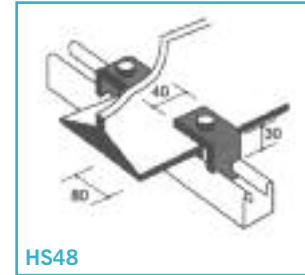
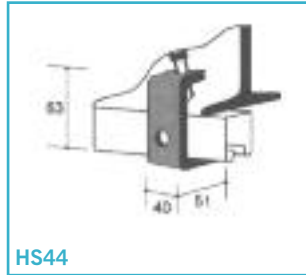
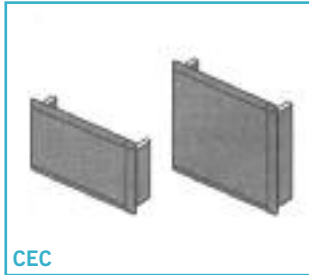
HS40/300 - 300mm
HS40/450 - 450mm
HS40/600 - 600mm



CANTILEVER ARMS, LUGGED
Back Plate 8mm thick

Minimum length mm
HS70/300 - 300mm
HS70/450 - 450mm
HS70/600 - 600mm

Slotted Suspension Channel System



Channel Slide Nuts

Code	Price
CSN06 - no spring - per 100	73.50
CSN08 - no spring - per 100	77.86
CSN10 - no spring - per 100	82.46
CSN12 - no spring - per 100	117.60
CSNL06 - long spring - per 100	89.81
CSNL08 - long spring - per 100	94.63
CSNL10 - long spring - per 100	105.65
CSNL12 - long spring - per 100	136.66

Square Plate Washers

Code	Price
SPW - Channel Washer M8/M10 40x40	0.89

Top Plates

Code	Price
CTP - per 100	71.20

Wedge Nuts - BZP

Code	Price
WN06 - per 100	84.58
WN08 - per 100	87.80
WN10 - per 100	87.80

Studding - Allthread BZP

Code	Price
ALLM06 - 3M Length	5.38
ALLM08 - 3M Length	8.16
ALLM10 - 3M Length	12.04
ALLM12 - 3M Length	17.05

Studding Connector

Code	Price
HSC06 - per 100	50.95
HSC08 - per 100	51.39
HSC10 - per 100	80.52
HSC12 - per 100	110.95

Full Nuts - BZP

Code	Price
FN06 - per 100	2.57
FN08 - per 100	4.21
FN10 - per 100	9.33
FN12 - per 100	16.85

Anchors

Code	Price
DIA06 per 100	35.50
DIA08 per 100	38.85
DIA10 per 100	49.13
DIA12 per 100	111.21

Hex. Head Sets

Code	Price
HHSS2506 - per 100	9.16
HHSS2508 - per 100	16.45
HHSS4008 - per 100	23.23
HHSS2510 - per 100	23.90
HHSS4010 - per 100	45.33
HHSS2512 - per 100	35.37
HHSS4012 - per 100	50.46

Penny Washers

Code	Price
PW06 - per 100	12.78
PW08 - per 100	12.78
PW10 - per 100	12.78
PW12 - per 100	14.01

Flat Washers

Code	Price
FW06 - per 100	1.48
FW08 - per 100	2.38
FW10 - per 100	4.16
FW12 - per 100	6.29

Threaded Rod Cap Ends

Code	Price
SCE08 - per 100	47.77
SCE10 - per 100	57.33

Wire Hanging Systems



Zip-Clip Loop-It System All items packed in 10's

Loop-It Suspension System 45kg SWL

Code	Description	Price
PLEK1S	1M Loop-It c/w KL100 Clip	6.85
PLEK2S	2M Loop-It c/w KL100 Clip	7.29
PLEK3S	3M Loop-It c/w KL100 Clip	7.72
PLEK4S	4M Loop-It c/w KL100 Clip	8.17
PLEK5S	5M Loop-It c/w KL100 Clip	8.60
PLEK10S	10M Loop-It c/w KL100 Clip	10.80

Loop-It Suspension System 90kg SWL

Code	Description	Price
PLEK1Y	1M Loop-It c/w KL150 Clip	8.48
PLEK2Y	2M Loop-It c/w KL150 Clip	9.17
PLEK3Y	3M Loop-It c/w KL150 Clip	9.85
PLEK4Y	4M Loop-It c/w KL150 Clip	10.52
PLEK5Y	5M Loop-It c/w KL150 Clip	11.20
PLEK10Y	10M Loop-It c/w KL150 Clip	14.61



Zip-Clip Con-Lock System All items packed in 10's

Con-Lock Suspension System 50kg SWL

Code	Description	Price
CLS1	1M Con-Lock c/w KL100 Clip	7.19
CLS2	2M Con-Lock c/w KL100 Clip	7.64
CLS3	3M Con-Lock c/w KL100 Clip	8.07
CLS4	4M Con-Lock c/w KL100 Clip	8.53
CLS5	5M Con-Lock c/w KL100 Clip	8.96
CLS10	10M Con-Lock c/w KL100 Clip	11.16

Con-Lock Suspension System 90kg SWL

Code	Description	Price
CLY1	1M Con-Lock c/w KL150 Clip	8.24
CLY2	2M Con-Lock c/w KL150 Clip	8.93
CLY3	3M Con-Lock c/w KL150 Clip	9.60
CLY4	4M Con-Lock c/w KL150 Clip	10.28
CLY5	5M Con-Lock c/w KL150 Clip	10.64
CLY10	10M Con-Lock c/w KL150 Clip	13.92

Zip-Clip Rize System

All items packed in 10's
Wire Reels and Clips



Code	Description	Price
KL50	Rize KL150 Clip (10kg SWL)	3.07
R200G	200M Wire Reel in Dispenser	72.36
KL100	Rize KL100 Clip (50Kg SWL)	3.50
R100S	100M Wire Reel in Dispenser	44.38
KL150	Rize KL150 Clip (120Kg SWL)	5.06
R100Y	100M Wire Reel	68.68
KL200	Rize KL200 Clip (230Kg SWL)	10.47
R100P	100M Wire Reel	104.90
KL600	Rize KL600 Clip (500Kg SWL)	17.41
R100N	100M Wire Reel	211.74

Zip-Clip Thread-It System

All items packed in 10's



Thread-It Suspension System 45kg SWL

Code	Description	Price
PLTRK1S/M6X45	1M Thread-It c/w KL100 Clip	7.39
PLTRK2S/M6X45	2M Thread-It c/w KL100 Clip	7.83
PLTRK3S/M6X45	3M Thread-It c/w KL100 Clip	7.91
PLTRK4S/M6X45	4M Thread-It c/w KL100 Clip	8.72
PLTRK5S/M6X45	5M Thread-It c/w KL100 Clip	9.17
PLTRK10S/M6X45	10M Thread-It c/w KL100 Clip	11.37

Thread-It Suspension System 90kg SWL

Code	Description	Price
PLTRK1Y/M8X20	1M Thread-It c/w KL150 Clip	8.67
PLTRK2Y/M8X20	2M Thread-It c/w KL150 Clip	9.36
PLTRK3Y/M8X20	3M Thread-It c/w KL150 Clip	10.05
PLTRK4Y/M8X20	4M Thread-It c/w KL150 Clip	10.73
PLTRK5Y/M8X20	5M Thread-It c/w KL150 Clip	11.40
PLTRK10Y/M8X20	10M Thread-It c/w KL150 Clip	14.82



Wire and clips

Zip-Clip Accessories

Code	Description	Price
CUT1	Heavy Duty Wire Cutters	70.54
CPA1	Corner Protector	0.36
CPA1MAG	Magnetic Corner Protector	0.45
PVC100S	PVC 100M Reel x 3mm Dia	92.15
PVC100P	PVC 100M Reel x 6mm Dia	106.46

Other Zip-Clip fixing ends



Zip-Clip offer a full range of end fixing products and also a bespoke manufacturing service

Suspension & Split Rings(Pair) & Slotted Banding

Diameter	SSR	SSRSM
80mm	8.90	9.62
100mm	8.90	9.62
125mm	8.90	9.62
150mm	8.90	9.62
160mm	10.44	13.85
180mm	10.87	13.85
200mm	10.87	13.85
224mm	14.42	18.87
250mm	15.31	18.87
280mm	15.31	18.87
300mm	15.98	22.92
315mm	18.22	22.92
355mm	18.67	24.31
400mm	19.12	25.53
450mm		25.53
500mm		28.34
560mm		30.94
630mm		30.94
710mm		32.99
800mm		35.20
900mm		74.62
1000mm		77.24
1120mm		83.08
1250mm		89.44

Diameter	SSRSM
330mm	POA
381mm	POA
432mm	POA
483mm	POA
533mm	POA
610mm	30.94
660mm	84.75
762mm	218.31
813mm	236.91
864mm	271.52
914mm	306.45
965mm	340.92
1016mm	408.86
1066mm	480.56
1118mm	516.99
1168mm	552.78
1219mm	572.89

All items above are non standard



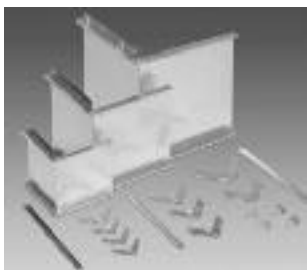
Punch Banding

Code	Description	Price
PB25	25 x 0.6mm x 25Mtr Roll	35.31



Dual threaded suspension rings suitable for M8 & M10 Tap Rod and lined

Rectangular Flange Profiles & Accessories



Code	Description	Price/length	Bundles
DWF20	20mm x 5M Flange	23.66	100
DWF30	30mm x 5M Flange	39.95	100
DWF40	40mm x 5M Flange	66.58	50



Code	Description	Price/100	Box Qty
DWC20	20mm corner	62.16	500
DWCL20	20mm long corner	106.43	250
DWC30	30mm corner	159.78	250
DWC40	40mm corner	399.30	100
DWBOC	Bolt on flange clamps	150.88	200
DWKOC	Knock on cleats	106.43	300
SPLPN	Splitter Pins	161.40	100



Turning Vane & Mounting Track

Code	Description	Price	Bundles
TTV	3M length	17.87	10
TMT	3M length	14.44	10



Code	Description	Price	Bundles
TF20	20m X 5M Flange	24.41	50
TF30	30mm X 5M Flange	38.16	50
TF40	40mm X 5M Flange	64.10	50
TF203M	20mm X 3M Flange	14.63	25
TF303M	30mm X 3M Flange	22.88	25

Code	Description	Price/100	Box Qty
TCS20	20mm Short Corner	79.21	200
TC20	20mm Corner	85.41	200
TCS30	30mm Short Corner	231.99	100
TC30	30mm Corner	131.22	100
TC40	40mm Corner	201.26	100
TCLT20	20mm Cleats	187.53	100
TCLT30	30mm Cleats	48.93	100

Code	Description	Price/Length	Quantity Box/Pack
TS20	20mm X 30mm Stiffener Plain x 5M	30.29	1
TS30	20mm X 40mm Stiffener Plain x 5M	43.70	1
TSP30	30mm X 40mm Stiffener Punched x 5M	43.70	1
TS40	40mm X 50mm Stiffener Plain x 5M	64.09	1
TSP40	40mm X 50mm Stiffener Punched x 5M	64.09	1
TSC30	30mm Stiffener Corner	138.88	100
TSC40	40mm Stiffener Corner	148.40	100

Hotchkiss Sealant - Solvent Based

Code	Description	Price	Box Qty
HMC	380cc cartridge	8.21	24
HMT	140cc tube	7.38	24
HP5LTR657	5 litre tub	125.76	5 litre tub

Hotchkiss Sealant - Water Based

Code	Description	Price	Box Qty
HP601C	280cc cartridge	8.97	25
HP6KG601	310cc cartridge	104.13	6kg tub

Silicone Sealant

Code	Description	Price	Box Qty
HSSC	310cc cartridge clear	8.06	25
HSSW	310cc cartridge white	8.06	25

Intumescent Sealant

Code	Description	Price	Box Qty
IFS310	310cc Cartridge	9.47	25

Cartridge Gun

Code	Description	Price	Box Qty
CG	Cartridge Gun	11.04	each

Duct Tapes

Code	Description	Price	Box Qty
DTP	PVC Tape 50mm x 33M	8.97	18
DTC	PVC Cloth Tape 50mm x 50M	11.45	24
DTA	Aluminium Foil Tape 50mm x 50M	9.92	24
DTA100	Aluminium Foil Tape 100mm x 50M	19.84	12

Butyl Extruded Tape

Code	Description	Price	Box Qty
BET12	12mm x 3mm x 4mm Roll	5.93	48
BET25	25mm x 3mm x 4mm Roll	10.21	24

Gasket Tape

Code	Description	Price	Box Qty
GA15	15mm x 6mm x 15m Roll	5.22	32
GA20	20mm x 6mm x 15m Roll	6.58	25
GA25	25mm x 6mm x 15m Roll	8.61	19

Attenuation, Insulation & Isolation - Spigotted Cross Talk Silencers

Circular Silencers stocked range

Code	Diameter	Length	Price
CA2510003	100	300	87.20
CA2510006	100	600	117.44
CA2510009	100	900	156.88
CA2510012	100	1200	222.39
CA2512503	125	300	91.38
CA2512506	125	600	130.99
CA2512509	125	900	174.24
CA2512512	125	1200	239.75
CA2515003	150	300	122.12
CA2515006	150	600	143.67
CA2515009	150	900	182.92
CA2515012	150	1200	253.64
CA2516003	160	300	122.12
CA2516006	160	600	143.67
CA2516009	160	900	182.92
CA2516012	160	1200	253.64
CA2520003	200	300	160.87
CA2520006	200	600	178.60
CA2520009	200	900	251.24
CA2520012	200	1200	317.94

Code	Diameter	Length	Price
CA2525003	250	300	182.92
CA2525006	250	600	217.69
CA2525009	250	900	291.87
CA2525012	250	1200	375.28
CA2530003	300	300	243.78
CA2530006	300	600	291.87
CA2530009	300	900	432.66
CA2530012	300	1200	456.96
CA2531503	315	300	243.78
CA2531506	315	600	291.87
CA2531509	315	900	389.20
CA2531512	315	1200	456.96
CA2535503	355	300	361.99
CA2535506	355	600	393.61
CA2535509	355	900	417.18
CA2535512	355	1200	778.11
CA2540003	400	300	396.02
CA2540006	400	600	417.18
CA2540009	400	900	443.47
CA2540012	400	1200	546.05

Ductwrap Insulation

Code	Description	Price
DWRAP25	13m x 1.2m x 25mm - 15.6m ² roll	201.90
DWRAP50	13m x 1.2m x 50mm - 15.6m ² roll	232.77



Anti-Vibration Mountings

Code	Weight Range	Nominal Deflection	Price
MPO-B	9.0mm - 18kg	4mm	19.12 each
MPO-Y	15mm - 28kg	4mm	19.12 each
MPO-G	21kg - 40kg	4mm	19.12 each
MPO-W	27kg - 54kg	4mm	19.12 each
MPO-R	36kg - 72kg	4mm	19.12 each

Flexible Duct Connector

Code	Description	Price
FDC1	25mtr Roll Duct Connector 45mm x 60mm x 45mm	221.22
FDC3	25mtr Roll Duct Connector 45mm x 75mm x 45mm	308.79
FDC4	25mtr Roll Duct Connector 70mm x 100mm x 70mm	509.26

Acoustic Foam - Class 'O' Polyurethane Non Flammable Self-Adhesive

Code	Description	Price
AFSACO12	2m x 1.2m x 12mm sheet	74.89
AFSACO25	2m x 1.2m x 25mm sheet	110.25
AFSACO50	2m x 1.2m x 50mm sheet	189.07

Acoustic Foam - Fire Retardant Self-Adhesive

Code	Description	Price
AFSAFR12	2m x 1.2m x 12mm sheet	54.23
AFSAFR25	2m x 1.2m x 25mm sheet	76.44
AFSAFR50	2m x 1.2m x 50mm sheet	125.45

Rubber (Anti-Vibration Mounting Strips)

Code	Description	Price
AVMS-1	500mm x 50mm x 15mm	9.80
AVMS-2	1000mm x 75mm x 15mm	25.38
AVMS-3	1200mm x 75mm x 15mm	30.09
AVMS-4	1000mm x 100mm x 15mm	32.31

Cork Rubber (Anti-Vibration Mounting Strips)

Code	Description	Price
AVMS-CR-3	1200mm x 75mm x 12.5mm	69.20
AVMS-CR-4	1200mm x 100mm x 12.5mm	89.36

Attenuation, Insulation & Isolation - Phenolic & Hardwood Strip & Flexi Foot Support Range

'Croc' Block Hardwood Insulation Strip

Code	Description	Price	
CIS25	50mm x 25mm x 36M	514.43	each
CIS38	50mm x 38mm x 30M	537.85	each
CIS50	50mm x 50mm x 24M	537.85	each

'Croc' Block Phenolic Insulation Strip

Code	Description	Price	
CIPS25	50mm x 25mm x 36M	273.14	each
CIPS38	50mm x 38mm x 30M	283.26	each
CIPS50	50mm x 50mm x 24M	290.84	each

Flat Phenolic Insulation Strip

Code	Description	Price	Box
FIPS25	50mm x 25mm(36/Box)	196.63	36
FIPS38	50mm x 38mm(30/Box)	209.93	30
FIPS50	50mm x 50mm(24/Box)	209.93	16

NB. Strips are 1m long

Flexi Frame

Code	Description	Price
PH-BF	Base Frame 1200mm x 1200mm	815.37
PH-EF	Extender - Frame	543.50

Flexi H Frame

Code	Description	Price
UF305	H -Frame Kit	85.79

Flexi Foot c/w Strut

Code	Description	Price
FF250	Foot 250mm c/w strut	28.18
FF400	Foot 400mm c/w strut	37.57
FF600	Foot 600mm c/w strut	44.62
FF1000	Foot 1000mm c/w strut	90.18

Flexi Foot Universal

Code	Description	Price
FF250U	Foot 250mm universal	28.18

Fire Dampers

Code	Description	Price
FDCH100	100Dia Fire Damper c/w Frame	100.83
FDCH125	125Dia Fire Damper c/w Frame	102.28
FDCH150	150Dia Fire Damper c/w Frame	103.57
FDCH160	160Dia Fire Damper c/w Frame	104.62
FDCH180	180Dia Fire Damper c/w Frame	105.51
FDCH200	200Dia Fire Damper c/w Frame	106.05
FDCH224	224Dia Fire Damper c/w Frame	108.59
FDCH250	250Dia Fire Damper c/w Frame	112.48
FDCH280	280Dia Fire Damper c/w Frame	114.74
FDCH300	300Dia Fire Damper c/w Frame	119.39
FDCH315	315Dia Fire Damper c/w Frame	126.22
FDCH355	355Dia Fire Damper c/w Frame	133.42
FDCH400	400Dia Fire Damper c/w Frame	139.34
FDCH450	450Dia Fire Damper c/w Frame	156.43
FDCH500	500Dia Fire Damper c/w Frame	181.42
FDCH560	560Dia Fire Damper c/w Frame	199.71
FDCH630	630Dia Fire Damper c/w Frame	232.21



FDCH Circular Curtain Blade Fire Dampers

- Tested to EN1366-2
- CE Marked
- Size range from 100mm dia to 1000 dia
- Installation method for any orientation
- HEVAC Frame, Angle Frame, Circ Spigot
- 2 Hour Fire Rating



Circular Access Doors

Door Size	Dia Range	Price
180 x 80	100 - 125 Dia Duct Size	7.17
250 x 150	150 - 400 Dia Duct Size	11.14
300 x 200	315 - 500 Dia Duct Size	30.67
400 x 300	400 - 800 Dia Duct Size	36.36

Fire Damper Installation Methods:

An 'Approved as Tested' installation method should be used to install all Fire and Fire/Smoke Dampers.

Any variations to an approved installation method requires acceptance with the local building control (LBC) authority who have total jurisdiction relating to installation compliance. Manufacturers are not able to approve specific installation methods.

For more detail and assistance on installation methods please contact your local HAS-Vent branch.

Circular Spigot - Fit Dampers Fully Welded Case Manual Control c/w Locking Handle, Galv Case and Galv Blades - VCDC

Diameter	100	125	150	160	180	200	224	250	280	300	315	355	400	450	500	560	610	630	710	800
Price	65.12	72.85	78.57	80.95	83.34	86.61	90.83	95.09	107.91	107.91	112.40	121.40	130.97	143.13	157.45	177.69	201.67	210.61	242.63	274.67

We offer a full range of bespoke dampers to cover all material, control and size specification. Please contact your nearest branch for further details

Dampers - Blast Gates, Iris & SBD Type Balancing Dampers

Blast Gate Damper

Code	Description	Price
BGD063	63mm Dia Blast Gate Damper	46.98
BGD080	80mm Dia Blast Gate Damper	46.98
BGD100	100mm Dia Blast Gate Damper	49.75
BGD125	125mm Dia Blast Gate Damper	60.52
BGD150	150mm Dia Blast Gate Damper	81.54
BGD160	160mm Dia Blast Gate Damper	95.37
BGD180	180mm Dia Blast Gate Damper	109.17
BGD200	200mm Dia Blast Gate Damper	129.93
BGD224	224mm Dia Blast Gate Damper	174.16
BGD250	250mm Dia Blast Gate Damper	221.15
BGD280	280mm Dia Blast Gate Damper	248.81
BGD300	300mm Dia Blast Gate Damper	276.45
BGD315	315mm Dia Blast Gate Damper	451.14
BGD355	355mm Dia Blast Gate Damper	677.41

Manual Operation Sliding Plate Damper. Die-cast aluminium body with zinc plated mild steel blade

Iris Duct Damper

Code	Description	Price
IRD080	80mm Dia Iris Damper	91.56
IRD100	100mm Dia Iris Damper	91.56
IRD125	125mm Dia Iris Damper	94.22
IRD150	150mm Dia Iris Damper	103.09
IRD160	160mm Dia Iris Damper	103.09
IRD200	200mm Dia Iris Damper	111.11
IRD250	250mm Dia Iris Damper	211.58
IRD300	300mm Dia Iris Damper	240.02
IRD315	315mm Dia Iris Damper	240.02
IRD355	355mm Dia Iris Damper	551.29
IRD400	400mm Dia Iris Damper	551.29
IRD500	500mm Dia Iris Damper	781.53
IRD630	630mm Dia Iris Damper	1120.38
IRD800	800mm Dia Iris Damper	1524.35

Airflow Regulation & Measuring Damper with calibrated handle and pressure test points

SBD Duct Damper

Code	Description	Price
SBD080	80mm Balancing Damper	40.50
SBD100	100mm Balancing Damper	40.50
SBD125	125mm Balancing Damper	40.98
SBD150	150mm Balancing Damper	46.64
SBD160	160mm Balancing Damper	46.64
SBD180	180mm Balancing Damper	59.55
SBD200	200mm Balancing Damper	49.62
SBD224	224mm Balancing Damper	69.87
SBD250	250mm Balancing Damper	58.21
SBD280	280mm Balancing Damper	77.65
SBD300	300mm Balancing Damper	64.69
SBD315	315mm Balancing Damper	64.69
SBD355	355mm Balancing Damper	85.17
SBD400	400mm Balancing Damper	89.66
SBD450	450mm Balancing Damper	118.55
SBD500	500mm Balancing Damper	131.70

Single blade balancing damper manual operation

Circular Fire & Smoke Dampers - Single Leaf

FD-C Long Case Manual Model - With Installation Plate

Model Ref	Dia	Price
FD-C100	100	95.15
FD-C125	125	99.91
FD-C150	150	104.66
FD-C160	160	110.37
FD-C200	200	121.79
FD-C250	250	135.10
FD-C300	300	152.23
FD-C315	315	161.75



FD-C with Installation Plate

FD-C Circular Single Blade Fire and Volume Control Damper

- Tested to EN1366-2
- CE Marked
- Installation from one side
- Externally resettable
- Volume Control capability
- Size range from 100mm dia to 315mm dia
- Replaceable fusible link from outside of ductwork
- Installation method for any orientation
- Up to 3 hour fire rating, dependant on installation method

FSD-C with Installation Plate

Model Ref	Dia	Price
FD-C100	100	107.52
FD-C125	125	111.14
FD-C150	150	119.51
FD-C160	160	121.42
FD-C200	200	133.40
FD-C250	250	142.16
FD-C300	300	160.99
FD-C315	315	173.37



FSD-C with Installation Plate

FSD-C Circular Single Blade Fire/Smoke & Volume Control Damper

- Tested to EN1366-2
- CE Marked
- Installation from one side
- IP54 Protection Rating
- Integrated Volume Control capability
- Size range from 100mm dia to 315mm dia
- Up to 3 hour fire rating, dependant on installation method
- Installation method for any orientation

* FSD-C prices exclude actuator

Fire/Smoke Actuator with Thermal Fuse

Model Ref	Description	Price
PMC24-TF	72 Deg C Link	437.67
PMC230-TF	93 Deg C Link	437.67

Access Doors



ADR Access door



FUAD Flat Access Door



CUAD Curved Access Door



AP Model access door

Rectangular Access Doors

Code	Nominal Size	Price
ADR10	100 x 100	35.80
ADR11	150 x 100	35.80
ADR15	150 X 150	35.80
ADR201	200 x 100	35.80
ADR22	200 x 200	39.47
ADR25	250 x 250	39.47
ADR251	250 x 150	39.47
ADR31	300 x 150	43.50
ADR32	300 x 200	43.50
ADR33	300 x 300	46.56
ADR35	350 x 300	48.01
ADR42	400 x 200	57.34
ADR43	400 X 300	57.34
ADR44	400 x 400	57.34
ADR45	450 x 450	64.39
ADR55	500 x 500	69.71
ADR64	600 x 400	77.25
ADR66	600 x 600	99.60

Insulated double skin with knock over tab frame for rapid installation

Access Doors for Flat Ducts

Door Size	Galv Steel Price
200 x 100	12.36
300 x 200	25.99
400 x 300	46.17
500 x 400	82.73

Please see page 39 for our access doors in Stainless Steel and Aluminium

TDB Access Doors

Model Description	Model AP1	Model AP2	Model AP3	Model AP4
Nominal Opening Size	115 x 205	195 x 330	320 x 460	460 x 610
Cost c/w Retaining Chain	34.52	45.73	87.00	158.60
Insulation Spacer Frame	8.65	14.18	21.25	35.26

Access Doors for Circular Ducts

Door Size	Dia Range	Galv Steel Price
180 x 80	100 - 125	7.71
250 x 150	150 - 400	12.98
300 X 200	315 - 500	35.72
400 x 300	400 - 800	42.35

Please see page 39 for our access doors in Stainless Steel and Aluminium

4 Way Louvre Faced Diffusers

Code	Description	Price
CDW150	150 x 150	18.29
CDW225	225 x 225	24.36
CDW300	300 x 300	31.30
CDW375	375 x 375	35.74
CDW595	595 x 595 o/all	46.34

4 Way Louvre Faced Diffusers c/w Dampers

Code	Description	Price
CDWD150	150 x 150	28.02
CDWD225	225 x 225	37.92
CDWD300	300 x 300	48.70
CDWD375	375 x 375	60.59
CDWD595	595 x 595 o/all	68.48

RAL9010 Finish
Extruded Aluminium
undrilled flanges
595 o/all - lay in type tile replacer

Non Vision Grille c/w Rear Flange

Code	Description	Price
NV2150150	150 150	24.76
NV2200200	200 X 200	28.34
NV2250250	250 X 250	37.24
NV2300300	300 X 300	46.84

SAA Finish
Telescopic Flange

Weather Louvres c/w mesh

Code	Description	Price
WL38150150	150 x 150	14.04
WL38200200	200 x 200	18.02
WL38250250	250 x 250	21.89
WL38300300	300 x 300	29.96
WL38350350	350 x 350	37.92
WL38400400	400 x 400	45.87
WL38450450	450 x 450	53.83
WL38500500	500 x 500	61.90
WL38550550	550 x 550	69.75
WL38600600	600 x 600	77.83

38mm blade pitch
SAA Finish undrilled flanges
c/w Birdmesh

Opposed Blade Damper c/w Clips

Code	Description	Price
OBD150150	150 x 150	16.30
OBD200200	200 x 200	21.85
OBD250250	250 x 250	23.52
OBD300300	300 x 300	25.39
OBD350350	350 x 350	31.43
OBD400400	400 x 400	36.99
OBD450450	450 x 450	44.49
OBD500500	500 x 500	70.09

Egg Crate Grilles

Code	Description	Price
ECGW150150	150 x 150	17.44
ECGW200200	200 x 200	21.41
ECGW250250	250 x 250	26.43
ECGW300300	300 x 300	33.57
ECGW350350	350 x 350	40.44
ECGW400400	400 x 400	48.09
ECGW450450	450 x 450	55.77
ECGW500500	500 x 500	63.95
ECGW595595	595 x 595 o/all	72.40

Egg Crate Grilles c/w Dampers

Code	Description	Price
ECGDW150150	150 x 150	27.47
ECGDW200200	200 x 200	34.63
ECGDW250250	250 x 250	42.56
ECGDW300300	300 x 300	51.78
ECGDW350350	350 x 350	63.16
ECGDW400400	400 x 400	74.61
ECGDW450450	450 x 450	88.25
ECGDW500500	500 x 500	119.18
ECGDW595595	595 x 595 o/all	134.76

RAL9010 Finish
Extruded Aluminium
undrilled flanges
595 o/all - lay in type tile replacer

Grilles - Plenum Boxes

Galvanised Top Entry Plenum Boxes

Neck	100mm deep	200mm deep	300mm deep
100 x 100	44.07	47.22	51.34
150 x 150	47.22	51.34	54.55
200 x 200	51.34	54.55	58.67
250 x 250	54.55	58.67	61.88
300 x 300	58.67	61.88	65.91
350 x 350	61.88	65.91	69.21
400 x 400	65.91	69.21	73.10
450 x 450	69.21	73.10	76.48
500 x 500	73.10	76.48	80.39
550 x 550	76.48	80.39	102.38
600 x 600	80.39	102.38	109.65
650 x 650	102.38	109.65	116.94
700 x 700	109.65	116.94	124.22
750 x 750	116.94	124.22	131.54
800 x 800	124.22	131.54	138.74
850 x 850	131.54	138.74	146.01
900 x 900	138.74	146.01	153.39
950 x 950	146.01	153.39	160.67
1000 x 1000	153.39	160.67	168.00



Plastic Grille Box

Galvanised Side Entry Plenum Boxes

Neck	Max Depth	Price
100 x 100	200	54.55
150 x 150	250	63.23
200 x 200	300	65.91
250 x 250	350	72.96
300 x 300	400	77.79
350 x 350	450	80.39
400 x 400	500	87.66
450 x 450	550	97.06
500 x 500	600	105.66
550 x 550	650	109.65
600 x 600	700	116.94

Plastic Plenum Boxes

Code	Size	Price
GBP100 100-150	100 x 100mm	16.97
GBP150 100-200	150 x 150mm	17.70
GBP200 100-200	200 x 200mm	20.74
GBP225 100-200	225 x 225mm	22.10
GBP250 100-250	250 x 250mm	22.63
GBP300 150-300	300 x 300mm	26.40
GBP350 150-315	350 x 350mm	28.28
GBP400 150-350	400 x 400mm	29.43
GBP450 150-400	450 x 450mm	30.69
GBP500 200-315	500 x 500mm	37.29
GBP550 150-450	550 x 550mm	42.63

Plastic Grille Box with Top Entry Spigot Only
Compatible with most Louvre and Diffuser products.

Air Supply Valves - Plastic

Code	Description	Price
PAV100	100 Dia Supply Valve	6.35
PAV125	125 Dia Supply Valve	7.86
PAV150	150 Dia Supply Valve	10.12
PAV160	160 Dia Supply Valve	10.12
PAV200	200 Dia Supply Valve	15.31

Air Supply Valves - Metal

Code	Description	Price
MSV100	100 Dia Supply Valve	6.35
MSV125	125 Dia Supply Valve	7.11
MSV150	150 Dia Supply Valve	10.96
MSV160	160 Dia Supply Valve	16.98
MSV200	200 Dia Supply Valve	18.41

Steel Fire Damper Exhaust Valves

Code	Description	Price
FREV100	100 Dia Exhaust Valve	112.18
FREV125	125 Dia Exhaust Valve	116.86
FREV150	150 Dia Exhaust Valve	141.62
FREV160	160 Dia Exhaust Valve	134.68
FREV200	200 Dia Exhaust Valve	173.00

Air Exhaust Valves - Metal

Code	Description	Price
MEV100	100 Dia Exhaust Valve	6.35
MEV125	125 Dia Exhaust Valve	7.11
MEV150	150 Dia Exhaust Valve	10.96
MEV160	160 Dia Exhaust Valve	16.98
MEV200	200 Dia Exhaust Valve	18.41



Steel Fire Damper Supply Valves

Code	Description	Price
FRSV100	100 Dia Exhaust Valve	112.18
FRSV125	125 Dia Exhaust Valve	116.86

Circular Weather Louvres

Code	Description	Price
CWL100	100 Dia Weather Louvre	15.37
CWL125	125 Dia Weather Louvre	18.57
CWL150	150 Dia Weather Louvre	21.85
CWL200	200 Dia Weather Louvre	35.49
CWL250	250 Dia Weather Louvre	50.61
CWL315	315 Dia Weather Louvre	71.09

All valves are white as standard and c/w long mounting ring

Rivets

Code	Size	Price/1000
RIVET0410	3.2mm x 8mm	26.79
RIEVT0414	3.2mm x 11mm	35.15
RIVET0512	4.0mm x 10mm	32.78
RIVET0516	4.0mm x 13mm	40.39
RIVET0613	4.8mm x 10mm	42.19
RIVET0619	4.8mm x 15mm	49.16
RIVET0621	4.8mm x 18mm	52.63
RIVET0631	4.8mm x 25mm	68.12

Tools

Code	Description	Price
HRP	Hand Riveting Pliers	44.37
CG	Cartridge Gun - 380cc	10.45

Self Drilling Screws

Code	Size	Price/1000
PPS13	8 x 1/2" Dome Head c/w Bit	25.91
PPS19	8 x 3/4" Dome Head c/w Bit	30.15
PPSBIT	Spare Bit	2.05
SDS1/208	8 x 1/2" Hex Head	36.52
SDS3/408	8 x 3/4" Hex Head	41.79
SDS3/410	10 x 3/4" Hex Head	39.14
SDSDB08	1/4" Chuck to Suit No 8	6.50
SDSDB10	5/16" Chuck to Suit No 10	6.50

Damper Control Sets

Code	Description	Price
DCSS	Damper control set (Small)	19.50
DCSM	Damper control set (Medium)	26.11
DCSL	Damper control set (Large)	39.42

Roof Flashings - Masterflash



Code	Duct dia	Base size	MFE	MFS
MFE1	6 - 70	115mm Square	14.31	22.08
MFE2	22 - 102	152mm Square	18.82	28.09
MFE3	6 - 150	203mm Square	26.01	39.08
MFE4	70 - 180	254mm Square	33.65	48.49
MFE5	100 - 210	280mm Square	37.62	56.88
MFE6	120 - 250	305mm Square	43.81	65.84
MFE7	140 - 290	356mm Square	88.10	132.65
MFE8	170 - 340	432mm Square	97.45	147.98
MFE9	240 - 520	635mm Square	142.54	214.78
MFEX	305 - 720	863mm Square	404.84	637.37
MFKIT	Fixing Kit*		13.73	

*Each kit Contains - 1 pilot drill, 10 self tapping screws & caps and 1 tube of sealant

A= Top opening diameter

B= Cut to suit pipe size

C= Base dimensions

MFE temperature range up to 100 °C

MFS temperature range up to 225 °C

METU Products - Access Doors, Overcollars and Nut Runners



RRD Access Door



MU Over Collar



RD Access Door



SE Nut Runner

METU Access Doors for Circular Ducts

Code RRD

Door Size	Duct Dia	Galv Steel Price	Stainless Steel Price	Aluminium Price
180 x 80	80 - 160	25.84	133.18	83.25
200 x 100	140 - 355	30.07	144.21	90.14
300 x 200	280 - 500	43.45	208.58	130.46
400 x 300	400 - 900	61.03	292.94	183.11
500 x 400	560 - 1600	94.79	454.95	284.28

METU Access Doors for Flat Ducts

Code RD

Door Size	Galv Steel Price	Stainless Steel Price	Aluminium Price
180 x 80	22.69	67.95	56.63
200 x 100	24.03	72.10	60.10
300 x 200	34.19	102.64	85.52
400 x 300	49.50	148.44	123.69
500 x 400	79.99	239.97	199.95
600 x 400	104.53	313.45	261.23
600 x 500	143.33	429.96	358.33
700 x 500	189.59	568.68	473.93

METU Over Collars

Diameter	Galvanised Steel		Stainless Steel	
	Code	Price	Code	Price
80mm	6501	17.77	6526	79.62
100mm	6503	18.88	6528	84.91
125mm	6505	19.93	6530	89.89
150mm	6507	21.69	6532	96.54
160mm	6508	22.20	6533	100.16
180mm	6509	23.30	6534	104.54
200mm	6510	24.47	6535	109.02
224mm	6511	26.12	6536	115.11
250mm	6512	27.48	6537	122.66
280mm	6513	28.84	6538	129.31
300mm	6515	29.75	6540	132.03
315mm	6514	31.31	6539	139.83

METU Nut Runners

For rapid installation of METU joining clips

Code	Descriptor	Price
4823	Nut Runner SE M6 - 1/4"	254.78
4824	Nut Runner SE M6 - 3/8"	254.78
4825	Nut Runner SE M6 - 1/2"	254.78
4826	Nut Runner SE M8 - 1/4"	311.36
4827	Nut Runner SE M8 - 3/8"	311.36
4828	Nut Runner SE M8 - 1/2"	311.36
4829	Nut Runner SE M8 - 3/4"	311.36
4830	Nut Runner SE M12 - 3/8"	396.32
4831	Nut Runner SE M12 - 1/2"	396.32
4832	Nut Runner SE M12 - 3/4"	396.32
4833	Nut Runner SE M12 - 1"	396.32

M6 Nut runner for flange diameters 200 - 450
 M8 Nut runner for flange diameters 500 - 900
 M12 Nut runner for flange diameters 1000 - 1600



Drain Fitting & Cap

Drain Fittings (Wide Funnel)

Code	Description	Price
1606	Drain Fitting ST 1/2"	33.27
1607	Drain Fitting ST 3/4"	43.29
1608	Drain Fitting ST 1"	63.22
1608A	Drain Fitting ST 1 1/2"	143.76

Drain Fitting Caps

Code	Description	Price
1609	Drain Cap ST 1/2"	13.94
1610	Drain Cap ST 3/4"	22.75
1611	Drain Cap ST 1"	32.21
1611A	Drain Cap ST 1 1/2"	82.14



Isolation Hanger

Isolation Hangers

Code	Description	Price
2722	Isolation Hanger M8	10.57
2723	Isolation Hanger M10	13.29
2724	Isolation Hanger M12	19.48

Ceiling Brackets

Code	Description	Price
27206	Ceiling Bracket M6	15.80
2720	Ceiling Bracket M8	22.75
2721	Ceiling Bracket M10	28.84



Cantilever Bracket

Cantilever Brackets

Code	Description	Price
2770	KH12 Cantilever Bracket	27.73
2771	KH18 Cantilever Bracket	29.39
2772	KH24 Cantilever Bracket	32.77
2773	KH32 Cantilever Bracket	36.59
2774	KH40 Cantilever Bracket	39.96
2775	KH48 Cantilever Bracket	43.29

Hanger Profile

Code	Description	Price
2800	Hanger Profile MS3 - 5 m length	61.66
2820	Hanger Profile MS5 - 5 m length	96.64
2840	Hanger Profile MS8 - 5 m length	230.53

Isolation Pads

Code	Description	Price
2802	Metu Isolation Pad MS3	1.16
2822	Metu Isolation Pad MS5	1.66
2842	Metu Isolation Pad MS8	2.81

Wall Brackets

Code	Description	Price
2807	Metu Wall Bracket MS3	3.93
2827	Metu Wall Bracket MS5	4.38
2847	Metu Wall Bracket MS8	6.65

Profile End Brackets

Code	Description	Price
2801	Metu End Bracket MS3	2.22
2821	Metu End Bracket MS5	3.37
2841	Metu End Bracket MS8	7.50

Clamps

Code	Description	Price
2803	Metu Clamp MS3	0.56
2823	Metu Clamp MS5	0.85
2843	Metu Clamp MS8	1.35

Profile Caps

Code	Description	Price
1010	Profile Cap MS3	2.81
1110	Profile Cap MS5	3.37
1210	Profile Cap MS8	5.03



Angle Bracket

Angle Brackets

Code	Description	Price
2750	Metu Angle Bracket MB10	3.31
2751	Metu Angle Bracket MB15	3.85
2752	Metu Angle Bracket MB20	4.29
2753	Metu Angle Bracket MB25	4.94
2754	Metu Angle Bracket MB30	5.19
2755	Metu Angle Bracket MB35	5.43

Duct Supports

Code	Description	Price
4700	BA3 Circular Duct Support	2.03
4701	BA4 Circular Duct Support	3.36
4702	BA5 Circular Duct Support	4.59



Rubber Isolator and Ring

Rubber Isolator and Ring

Code	Description	Price
2756	Rubber Isolator GP M10	4.94
2757	Rubber Ring GR M10	1.63

Support Brackets

Code	Description	Price
2706	Support Bracket AL M8 galv	1.75
2707	Support Bracket AL M10 galv	1.75

Isolated Duct Supports

Code	Description	Price
4703	BA3-S Isolated Circular Support	4.59
4704	BA4-S Isolated Circular Support	7.60
4705	BA5-S Isolated Circular Support	9.83



Hanger Bolt

Hanger Bolts

Code	Description	Price
2709	Metu Hanger Bolt AB M 8-9	3.01
2710	Metu Hanger Bolt AB M10-9	4.29
2711	Metu Hanger Bolt AB M10-11	4.64

Suspension Strip

Code	Description	Price per metre
4720	Suspension Strip 30 x 0.79 mm	3.56
4721	Suspension Strip 40 x 0.92 mm	4.20
4722	Suspension Strip 50 x 1.05 mm	6.92

Rings in various lengths
Please contact us for availability

Conditions of Sale

1. Interpretation

- 1.1 In these Conditions:
 'BUYER' means the person who accepts a quotation of the Seller for the sale of the Goods or whose order for the Goods is accepted by the Seller.
 'GOODS' means the goods (including any instalment of the goods or any parts for them) which the Seller is to supply in accordance with these Conditions.
 'SELLER' means HAS-VENT LIMITED of Heath Mill Road, Wombourne, Wolverhampton WV5 8AP.
 'CONDITIONS' means the standard terms and conditions of sale set out in this document and (unless the context otherwise requires) includes any special terms and conditions agreed in writing between the Buyer and the Seller.
 'CONTRACT' means the contract for the purchase and sale of the Goods.
 'WRITING' includes telex, cable, facsimile transmission and comparable means of communication.

2. Basis of the sale

- 2.1 The Seller shall sell and the Buyer shall purchase the Goods in accordance with any written quotation of the Seller which is accepted by the Buyer, or any written order of the Buyer which is accepted by the Seller, subject in either case to these Conditions, which shall govern the Contract to the exclusion of any other terms and conditions subject to which any such quotation is accepted or purported to be accepted, or any such order is made or purported to be made, by the Buyer.
- 2.2 No variation to these Conditions shall be binding unless agreed in Writing between the authorised representatives of the Buyer and the Seller.
- 2.3 Any advice or recommendation given by the Seller or its employees or agents to the Buyer or its employees or agents as to the storage, application or use of the Goods which is not confirmed in Writing by the Seller is followed or acted upon entirely at the Buyer's own risk, and accordingly the Seller shall not be liable for any such advice or recommendation which is not so confirmed.
- 2.4 Any typographical, clerical or other error or omission in any sales literature, quotation, price list, acceptance of offer, invoice or other document or information issued by the Seller shall be subject to correction without any liability on the part of the Seller. All illustrations and preliminary drawings, specifications and particulars of weights and measures prepared by the Seller are approximate only and descriptions contained in the sellers catalogue and other advertisement matter are intended merely to present a general idea of the Goods and are not binding in detail.

3. Orders and specifications

- 3.1 No order submitted by the Buyer shall be deemed to be accepted by the Seller unless and until confirmed in Writing by the Seller's authorised representative.
- 3.2 The Buyer shall be responsible to the Seller for ensuring the accuracy of the terms of any order (including any applicable specification) submitted by the Buyer, and for giving the Seller any necessary information relating to the Goods within a sufficient time to enable the Seller to perform the Contract in accordance with its terms.
- 3.3 The quantity, quality and description of and any specification for the Goods shall be those set out in the Seller's quotation (if accepted by the Buyer) or the Buyer's order (if accepted by the Seller).
- 3.4 If the Goods are to be manufactured or any process is to be applied to the Goods by the Seller in accordance with a specification submitted by the Buyer, the Buyer shall indemnify the Seller against all loss, damages, costs and expenses awarded against or incurred by the Seller in connection with or paid or agreed to be paid by the Seller in settlement or any claim for infringement of any patent, copyright, design, trade mark or other industrial or intellectual property rights of any other person which results from the Seller's use of the Buyer's specification.
- 3.5 The Seller reserves the right to make any changes in the specification of the Goods which are required to conform with any applicable statutory or EC requirements or, where the Goods are to be supplied to the Seller's specification, which do not materially affect their quality or performance.
- 3.6 No order which has been accepted by the Seller may be cancelled by the Buyer except with the agreement in Writing of the Seller and on terms that the Buyer shall indemnify the Seller in full against all loss (including loss of profit), costs (including the cost of all labour and materials used), damages, charges and expenses incurred by the Seller as a result of cancellation.

4. Price of the goods

- 4.1 The price of the Goods shall be the Seller's quoted price or, where no price has been quoted (or a quoted price is no longer valid), the price listed in the Seller's published price list current at the date of acceptance of the order. All prices quoted are valid for 30 days only or until earlier acceptance by the Buyer, after which time they may be altered by the Seller without giving notice to the Buyer.
- 4.2 The Seller reserves the right, by giving notice to the Buyer at any time before delivery, to increase the price of the Goods to reflect any increase in the cost to the Seller which is due to any factor beyond the control of the Seller, any change in delivery dates, quantities or specifications for the Goods which is requested by the Buyer, or any delay caused by any instructions of the Buyer or failure of the Buyer to give the Seller adequate information or instructions.
- 4.3 Except as otherwise stated under the terms of any quotation or in any price list of the Seller, and unless otherwise agreed in Writing between the Buyer and the Seller, all prices are given by the Seller on an ex works basis, and where the Seller agrees to deliver the Goods otherwise than at the Seller's premises, the Buyer shall be liable to pay the Seller's charges for transport, packaging and insurance.
- 4.4 The price is exclusive of any applicable value added tax, which the Buyer shall be additionally liable to pay to the Seller.
- 4.5 The cost of pallets and returnable containers will be charged to the Buyer in addition to the price of the Goods, but full credit will be given to the Buyer provided they are returned undamaged to the Seller before the due payment date.

5. Terms of payment

- 5.1 Subject to any special terms agreed in writing between the Buyer and the Seller, the Seller shall be entitled to invoice the Buyer for the price of the Goods on or at any time after delivery of the Goods, unless the Goods are to be collected by the Buyer or the Buyer wrongfully fails to take delivery of the Goods, in which event the Seller shall be entitled to invoice the Buyer for the price at any time after the Seller has notified the Buyer that the Goods are ready for collection or (as the case may be) the Seller has tendered delivery of the Goods.
- 5.2 The Buyer shall pay the price of the Goods without any deduction before the end of the calendar month following the date of the Seller's invoice, and the Seller shall be entitled to recover the price, notwithstanding that delivery may not have taken place and the property in the Goods has not passed to the Buyer. The time of payment of the price shall be of the essence of the Contract. Receipts for payment will be issued only upon request.
- 5.3 If the Buyer fails to make any payment on the due date then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to:
- 5.3.1 cancel the contract or suspend any further deliveries to the Buyer;
- 5.3.2 charge the Buyer interest (both before and after any judgment) on the amount unpaid, at the rate of four per cent per annum above Barclays Bank base rate from time to time (subject to a minimum rate of 12 per cent), until payment in full is made (a part of a month being treated as a full month for the purpose of calculating interest).

6. Delivery

- 6.1 Delivery of the Goods shall be made by the Buyer collecting the Goods at the Seller's premises at any time after the Seller has notified the Buyer that the Goods are ready for collection or, if some other place for delivery is agreed by the Seller, by the Seller delivering the Goods to that place.
- 6.2 Any dates quoted for delivery of the Goods are approximate only and the Seller shall not be liable for any delay in delivery of the Goods however caused. Time for delivery shall not be of the essence of the Contract unless previously agreed by the Seller in writing. The Goods may be delivered by the Seller in advance of the quoted delivery date upon giving reasonable notice to the Buyer.
- 6.3 If the Buyer fails to take delivery of the Goods or fails to give the Seller adequate delivery instructions at the time stated for delivery (otherwise than by reason of any cause beyond the Buyer's reasonable control or by reason of the Seller's fault) then, without prejudice to any other right or remedy available to the Seller, the Seller may:
- 6.3.1 store the Goods until actual delivery and charge the Buyer for the reasonable costs (including insurance) of storage; or
- 6.3.2 sell the Goods at the best price readily obtainable and (after deducting all reasonable storage and selling expenses) account to the Buyer for the excess over the price under the Contract or charge the Buyer for any shortfall below the price under the Contract.

- 6.4 The Seller shall not be liable in respect for any non delivery of goods howsoever caused unless notice in writing is given within the period specified in the contract or within 14 days of the date when the goods were received or would in the ordinary course of events have been received, whichever is sooner.

7. Risk and property

- 7.1 Risk of damage to or loss of the Goods shall pass to the Buyer:
- 7.1.1 in the case of Goods to be delivered at the Seller's premises, at the time when the Seller notifies the Buyer that the Goods are available for collection; or
- 7.1.2 in the case of Goods to be delivered otherwise than at the Seller's premises, at the time of delivery or, if the Buyer wrongfully fails to take delivery of the Goods, the time when the Seller has tendered delivery of the Goods.
- 7.2 Notwithstanding delivery and the passing of risk in the Goods, or any other provision of these Conditions, the property in the Goods shall not pass to the Buyer until the Seller has received in cash or cleared funds payment in full of the price of the Goods and all other goods agreed to be sold by the Seller to the Buyer for which payment is then due.
- 7.3 Until such time as the property in the Goods passes to the Buyer, the Buyer shall hold the Goods as the Seller's fiduciary agent and bailee, and shall keep the Goods separate from those of the Buyer and third parties and properly stored, protected and insured and identified as the Seller's property, but the Buyer shall be entitled to resell or use the Goods in the ordinary course of its business.
- 7.4 Until such time as the property in the Goods passes to the Buyer (and provided the Goods are still in existence and have not been resold), the Seller shall be entitled at any time to require the Buyer to deliver up the Goods to the Seller and, if the Buyer fails to do so forthwith, to enter upon any premises of the Buyer or any third party where the Goods are stored and repossess the Goods.
- 7.5 The Buyer shall not be entitled to pledge or in any way charge by way of security for any indebtedness any of the Goods which remain the property of the Seller, but if the Buyer does so all monies owing by the Buyer to the Seller shall (without prejudice to any other right or remedy of the Seller) forthwith become due and payable.

8. Warranties and liability

- 8.1 Subject to the conditions set out below the Seller warrants that the Goods will correspond with their specification at the time of delivery and will be free from defects in material and workmanship.
- 8.2 The above warranty is given by the Seller subject to the following conditions:
- 8.2.1 the Seller shall be under no liability in respect of any defect in the Goods arising from any drawing, design or specification supplied by the Buyer;
- 8.2.2 the Seller shall be under no liability in respect of any defect arising from fair wear and tear, wilful damage, negligence, abnormal working conditions, failure to follow the Seller's instructions (whether oral or in writing), misuse of alteration or repair of the Goods without the Seller's approval;
- 8.2.3 the Seller shall be under no liability under the above warranty (or any other warranty, condition or guarantee) if the total price for the Goods has not been paid by the due date for payment;
- 8.2.4 the above warranty does not extend to parts, materials or equipment not manufactured by the Seller, in respect of which the Buyer shall only be entitled to the benefit of any such warranty or guarantee as is given by the manufacturer to the Seller.
- 8.3 Subject as expressly provided in these Conditions, and except where the Goods are sold to a person dealing as a consumer (within the meaning of the Unfair contract Terms Act 1977), all warranties, conditions or other terms implied by statute or common law are excluded to the fullest extent permitted by law.
- 8.4 Where the Goods are sold under a consumer transaction (as defined by the Consumer Transactions (Restrictions on Statements) Order 1976) the statutory rights of the Buyer are not affected by these Conditions.
- 8.5 Any claim by the Buyer which is based on any defect in the quality or condition of the Goods or their failure to correspond with the specification shall (whether or not delivery is refused by the Buyer) be notified to the Seller within 14 days from the date of delivery. If delivery is not refused, and the Buyer does not notify the Seller accordingly, the Buyer shall not be entitled to reject the Goods and the Seller shall have no liability for such defect or failure, and the Buyer shall be bound to pay the price as if the Goods had been delivered in accordance with the Contract.

- 8.6 Where any valid claim in respect of any of the Goods which is based on any defect in the quality or condition of the Goods or their failure to meet specification is notified to the Seller in accordance with these Conditions, the Seller shall be entitled to replace the Goods (or the part in question) free of charge or, at the Seller's sole discretion, refund to the Buyer the price of the Goods (or a proportionate part of the price), but the Seller shall have no further liability to the Buyer.
- 8.7 Except in respect of death or personal injury caused by the Seller's negligence, the Seller shall not be liable to the Buyer by reason of any representation (unless fraudulent), or any implied warranty, condition or other term, or any duty at common law, or under the express terms of the Contract, for any indirect, special or consequential loss or damage (whether for loss of profit or otherwise), costs, expenses or other claims for compensation whatsoever (whether caused by the negligence of the Seller, its employees or agents or otherwise) which arise out of or in connection with the supply of the Goods or their use or resale by the Buyer, and the entire liability of the Seller under or in connection with the Contract shall not exceed the price of the Goods, except as expressly provided in these Conditions.

9. Returns

- 9.1 The returning of any goods the Buyer must obtain written agreement of a duly authorised representative of the Seller.
- 9.1.1 Goods will be returnable only if:
- 9.1.1.1 they are in perfect resale condition as determined by the Seller;
- 9.1.1.2 they are held in stock by the Seller; and
- 9.1.1.3 they were sold or supplied by the Seller to the Buyer in the preceding days.
- 9.2 The Buyer is responsible for the safe delivery of the Goods to the Seller's premises and will be responsible for such costs incurred in making such delivery.
- 9.3 At the Seller's absolute discretion a charge may be made by the Seller (usually by way of a deduction from the credit for the returned goods) in respect of all returned goods. The charges levied will be 25% of the value of the returned goods and in all cases the minimum charge will be £25.

10. Insolvency of buyer

- 10.1 This clause applies if:
- 10.1.1 the Buyer makes any voluntary arrangement with its creditors or (being an individual or firm) becomes bankrupt or (being a company) becomes subject to an administration order or goes into liquidation (otherwise than for the purposes of amalgamation or reconstruction); or
- 10.1.2 an encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Buyer; or
- 10.1.3 the Buyer ceases, or threatens to cease, to carry on business; or
- 10.1.4 the Seller reasonably apprehends that any of the events mentioned above is about to occur in relation to the Buyer and notifies the Buyer accordingly.
- 10.2 If this clause applies then, without prejudice to any other right or remedy available to the Seller, the Seller shall be entitled to cancel the Contract or suspend any further deliveries under the Contract without any liability to the Buyer, and if the Goods have been delivered but not paid for the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

11. Law

- The Contract shall be governed by the laws of England, and the Buyer agrees to submit to the non-exclusive jurisdiction of the English courts.



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