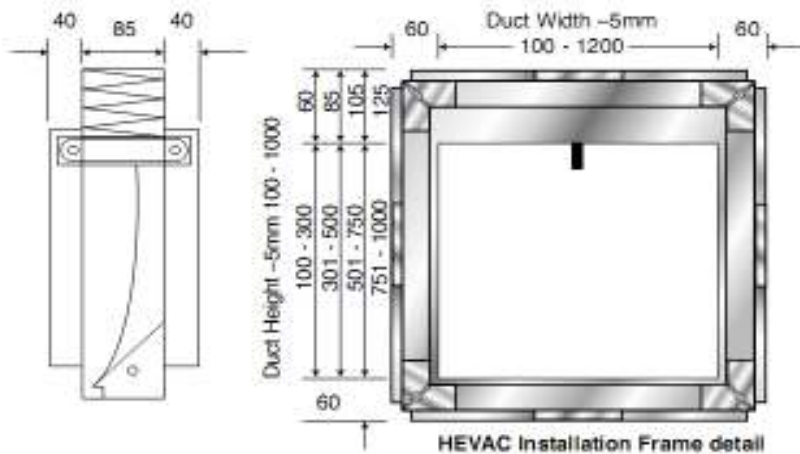


## Fire Dampers WITH HVAC Frames

All galvanised construction. Blades out of air stream. Spigoted. 72°C fusible link. For intermediate sizes use next size up, for sizes above 1000 x 1000 refer to sales office.

Height	Width																		
	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
100	40.19	40.74	41.77	42.88	45.43	45.96	46.46	50.97	51.37	54.53	55.03	57.62	61.75	62.97	66.93	70.00	72.25	74.99	75.41
150	40.74	41.77	42.50	43.35	46.13	46.46	47.56	53.10	53.43	57.87	58.04	61.81	62.97	65.41	69.03	71.92	74.99	75.98	77.83
200	41.77	44.50	43.68	46.29	47.24	47.56	47.89	53.43	55.66	58.57	60.32	62.82	63.39	66.21	76.10	81.30	76.15	77.09	78.72
250	42.65	44.00	44.70	46.86	47.56	48.44	49.14	48.06	56.97	59.60	61.52	63.71	64.61	67.85	72.10	73.41	76.48	77.41	78.90
300	44.08	45.26	46.46	47.50	50.32	50.78	52.32	56.38	60.50	62.99	63.45	66.32	66.70	70.38	79.03	80.08	80.97	83.16	84.40
350	44.67	44.78	45.71	48.53	51.41	53.05	53.50	57.77	62.99	63.45	65.39	70.06	70.69	74.44	79.03	80.08	80.97	83.16	84.40
400	45.26	46.17	46.50	49.68	52.65	53.66	56.23	62.76	67.73	68.74	70.13	72.86	75.70	77.79	82.76	83.83	84.90	87.01	90.02
450	46.34	47.66	47.96	52.32	55.90	58.55	61.66	65.31	69.83	69.98	71.16	77.39	80.72	82.55	87.66	88.32	89.62	93.52	96.29
500	52.70	55.12	56.23	58.10	60.19	61.81	67.18	70.13	71.31	74.10	76.67	80.72	81.85	84.00	90.17	93.52	97.90	101.83	107.77
550	55.28	57.39	58.48	60.04	63.54	64.57	70.06	72.86	75.54	77.24	80.95	81.28	84.53	85.98	93.35	96.29	102.23	106.30	109.41
600	62.76	64.63	65.70	67.05	69.73	70.86	74.11	75.70	78.50	80.42	82.55	86.15	88.61	91.41	98.25	105.56	107.77	111.92	116.25
650	64.76	66.88	68.11	68.59	68.57	71.16	72.29	75.54	77.31	79.94	80.95	85.49	87.58	91.41	95.12	105.83	107.03	111.60	116.25
700	66.88	68.74	70.13	70.44	72.69	73.73	76.51	79.62	80.95	82.55	86.53	91.41	94.27	102.38	107.28	111.75	117.14	118.93	122.37
750	70.13	71.87	73.94	75.10	77.47	78.65	81.12	82.65	84.38	85.49	89.49	93.47	99.90	105.16	113.24	115.18	118.76	122.21	128.08
800	70.86	72.86	74.72	75.98	78.97	79.94	82.32	84.08	87.58	88.13	94.97	98.48	103.58	107.09	114.88	118.53	121.89	127.90	131.09
850	72.02	73.94	76.13	77.14	80.42	81.12	84.23	86.15	90.36	92.99	98.00	101.58	106.61	114.08	122.36	124.15	129.45	131.41	135.54
900	74.65	77.68	79.24	80.17	82.65	84.08	85.26	90.04	91.96	96.42	101.28	104.61	111.62	117.83	126.10	128.08	133.28	135.24	139.54
950	77.30	78.76	80.17	80.72	84.08	84.53	87.73	91.96	94.74	101.28	103.89	109.22	115.37	121.01	128.23	129.45	137.60	139.54	141.92
1000	78.76	80.17	81.03	81.96	86.70	87.58	89.41	93.14	99.52	105.01	109.07	112.72	120.76	124.61	129.75	134.17	140.04	142.25	145.16



### Dimensions

#### Fire Tested to

European standard EN 1366 - 2:1999

International Standard ISO 10294 - 1:1996(E)

Horizontal Test Report for 4 hour duration TE201814

Vertical Test Report for 4 hour duration TE201633

Fire tested to BS476 part 20 : 1987 for four hour duration

Warrington Report WFRC C43264 (stainless steel blades)

Warrington Report WFRC C43265 (galvanised blades)

28 day salt corrosion test

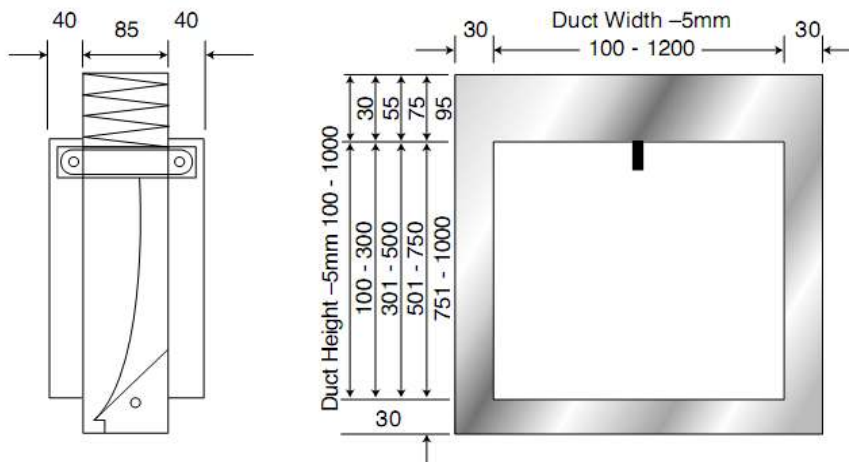
Chatfield Reports C7217 and C7218 refer

Conformance to DW144 and Eurovent 2/2 as relevant



All galvanised construction. Blades out of air stream. Spigoted. 72°C fusible link. For intermediate sizes use next size up, for sizes above 1000 x 1000 refer to sales office.

Height	Width																		
	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
100	21.60	22.21	23.10	24.15	25.01	25.45	25.90	26.95	27.26	28.61	29.14	31.07	31.52	32.70	34.02	36.93	37.49	40.10	40.50
150	22.21	23.10	23.85	24.63	25.58	25.90	26.95	27.26	27.64	28.84	30.34	31.52	32.70	33.24	34.42	37.18	40.10	40.95	42.78
200	23.10	24.63	25.01	25.75	26.65	26.95	27.26	27.64	28.02	29.14	30.80	32.53	33.09	34.10	35.75	37.66	41.12	41.98	43.58
250	24.02	25.30	25.90	26.34	26.95	27.77	28.46	29.01	29.30	30.11	31.94	33.37	34.25	35.64	37.33	38.61	41.52	42.30	43.73
300	25.30	25.90	27.10	27.77	28.84	29.30	30.80	31.49	32.08	34.50	34.95	37.10	37.49	39.35	41.83	42.78	43.58	44.86	45.41
350	25.90	26.82	27.77	28.84	29.89	31.49	31.94	32.86	34.50	34.95	36.86	40.74	41.35	43.28	45.33	46.34	47.28	49.35	50.53
400	26.82	28.15	28.46	29.89	31.10	32.08	32.99	37.60	39.10	40.10	41.45	43.45	44.51	46.53	48.95	50.06	51.09	53.14	54.27
450	28.30	29.58	29.89	32.46	34.27	36.86	38.29	40.10	41.14	41.30	42.44	47.85	49.37	51.10	53.70	54.42	55.68	57.66	60.34
500	29.58	31.94	32.99	34.80	36.86	38.44	40.25	41.45	42.57	45.30	47.77	49.37	50.48	52.48	54.42	57.66	60.19	63.98	68.02
550	32.08	34.13	35.10	36.69	39.56	40.57	42.44	43.45	46.11	47.70	49.54	49.92	51.49	52.88	57.50	60.34	64.38	68.32	69.60
600	34.27	36.08	37.14	38.44	40.42	41.35	42.90	44.51	47.22	49.09	51.10	53.03	53.66	56.34	60.51	65.89	68.02	72.06	76.25
650	36.25	38.29	39.49	39.92	41.81	42.90	44.30	46.06	48.61	49.54	52.32	54.42	56.34	59.98	66.04	67.31	71.66	76.25	77.83
700	38.29	40.10	41.45	41.73	43.28	44.30	45.30	48.23	49.54	51.10	53.33	56.34	59.12	63.62	67.47	71.81	75.37	77.03	80.44
750	39.79	41.45	43.49	44.53	46.21	47.37	48.08	49.54	51.31	52.32	56.21	58.44	62.91	66.32	71.49	73.47	76.88	80.21	84.25
800	40.38	42.44	44.25	45.47	47.70	48.61	49.24	50.93	52.72	53.18	58.11	61.52	64.69	68.17	73.09	76.72	79.89	84.08	87.16
850	41.60	43.49	45.62	46.57	49.09	49.71	51.10	53.03	55.43	57.89	61.07	64.53	67.71	73.28	80.44	82.17	85.58	87.54	89.77
900	42.57	45.47	46.95	47.92	49.54	50.93	52.10	55.05	56.95	61.22	64.23	67.47	70.88	76.84	82.34	84.25	87.54	89.45	91.90
950	45.14	46.57	47.92	48.40	50.93	51.49	52.88	56.95	59.68	65.92	66.78	70.17	74.51	80.00	84.38	85.58	89.92	91.90	94.11
1000	46.57	47.92	48.76	49.60	51.77	52.72	54.42	58.11	62.53	67.87	70.02	73.66	78.08	81.77	85.98	88.42	92.38	94.51	97.35



## Dimensions

### Fire Tested to

European standard EN 1366 - 2:1999  
 International Standard ISO 10294 - 1:1996(E)  
 Horizontal Test Report for 4 hour duration TE201814  
 Vertical Test Report for 4 hour duration TE201633

Fire tested to BS476 part 20 : 1987 for four hour duration  
 Warrington Report WFRC C43264 (stainless steel blades)  
 Warrington Report WFRC C43265 (galvanised blades)

28 day salt corrosion test  
 Chatfield Reports C7217 and C7218 refer

Conformance to DW144 and Eurovent 2/2 as relevant

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