

# Pressure Table System 220

Verplas System 220 Pressure Loss Data		Latest Revision 26.11.15									
Product Code	Description	Static Pressure Loss (Pascals) for various Flowrates in l/s									
		8	13	15	21	30	60	90	120	150	180
VKC5704	1m Flat Channel	0.02	0.09	0.10	0.15	0.35	1.20	2.35	3.90	5.86	8.10
VKC5728	1.5m Flat Channel	0.03	0.14	0.15	0.23	0.53	1.80	3.52	5.85	8.79	12.15
VKC5729	2m Flat Channel	0.04	0.18	0.20	0.30	0.70	2.40	4.70	7.80	11.72	16.20
VKC5708	Flat Channel Straight Connector	0.000	0.000	0.000	0.000	0.010	0.015	0.08	0.22	0.42	0.72
VKC5705	Horizontal 90° Bend	0.27	0.51	0.51	0.90	1.80	7.30	16.50	29.50	46.00	66.60
VKC5712	Vertical 90° Bend	0.25	0.45	0.50	0.76	1.70	6.20	13.70	24.10	37.30	53.30
VKC5716	Horizontal 45° Bend	0.10	0.19	0.20	0.33	0.70	2.40	5.20	9.00	13.80	19.60
VKC5717	Vertical 45° Bend	0.07	0.13	0.14	0.22	0.50	1.90	3.90	6.50	9.80	13.70
VKC5706	Elbow Bend with 125mm Fixed Spigot	0.80	1.40	1.70	3.50	5.90	23.00	50.80	90.20	140.60	202.10
VKC5726	Elbow Bend with 150mm Fixed Spigot	0.43	0.79	0.80	1.37	2.80	10.60	23.60	41.80	65.40	94.10
VKC5713	Round 150mm to Rectangular Adapter	0.11	0.18	0.20	0.25	0.60	1.70	3.30	5.40	7.90	10.80

**Notes:** Pressure Loss Values are derived from Independent Laboratory Tests of individual components and for some flowrates the values are estimated from extrapolation or interpolation of the curves from Independent Laboratory Tests. These values are given as a guide only and users should satisfy themselves that designed installations are fit for purpose.

# Pressure Table System 204

Verplas System 204 Pressure Loss Data		Latest Revision 26.11.15									
Product Code	Description	Static Pressure Loss (Pascals) for various Flowrates in l/s									
		8	13	15	21	30	60	90	120	150	180
VKC5604	1m Flat Channel	0.20	0.30	0.54	1.00	1.97	7.21	15.38	26.35	40.00	N/A
VKC5628	1.5m Flat Channel	0.30	0.45	0.81	1.50	2.96	10.82	23.07	39.53	60.00	N/A
VKC5629	2m Flat Channel	0.40	0.60	1.08	2.00	3.94	14.42	30.76	52.70	80.00	N/A
VKC5608	Flat Channel Straight Connector	0.04	0.07	0.10	0.15	0.29	1.00	2.00	3.45	5.27	N/A
VKC5605	Horizontal 90° Bend	0.60	1.70	1.82	4.30	7.46	30.60	69.90	125.61	197.90	N/A
VKC5612	Vertical 90° Bend	0.70	1.00	1.25	2.70	4.52	17.94	40.19	71.24	111.06	N/A
VKC5616	Horizontal 45° Bend	0.00	0.30	0.55	1.20	2.71	13.22	32.50	62.00	99.50	N/A
VKC5617	Vertical 45° Bend	0.00	0.30	0.55	1.20	2.71	13.36	33.50	63.00	101.50	N/A
VKC5644	Elbow Bend with 100mm Fixed Spigot	0.50	1.65	1.80	4.30	7.40	29.80	75.50	134.50	220.00	N/A
VKC5645	Elbow Bend with 125mm Fixed Spigot	0.50	1.50	1.70	3.40	6.90	27.10	70.50	125.00	200.00	N/A
VKC5646	Elbow Bend with 150mm Fixed Spigot	0.50	1.20	1.40	3.00	5.30	19.90	50.00	88.90	145.00	N/A
VKC5625	Elbow Bend with 100mm Rotating Spigot	0.60	1.70	2.35	4.00	8.71	32.30	69.53	119.81	182.71	N/A
VKC5606	Elbow Bend with 125mm Rotating Spigot	0.60	1.20	1.60	3.00	6.28	24.69	54.99	97.05	150.79	N/A
VKC5626	Elbow Bend with 150mm Rotating Spigot	0.60	1.00	1.46	2.80	5.85	23.46	52.88	94.12	147.21	N/A
VKC5613	Round 125mm to Rectangular Adapter	0.00	0.88	1.00	2.40	3.84	15.41	34.75	61.86	96.75	N/A
VKC5615	Round 100mm to Rectangular Adapter	1.00	4.00	6.70	14.05	25.00	84.70	176.50	295.00	439.00	N/A

**Notes:** Pressure Loss Values are derived from Independent Laboratory Tests of individual components and for some flowrates the values are estimated from extrapolation or interpolation of the curves from Independent Laboratory Tests. These values are given as a guide only and users should satisfy themselves that designed installations are fit for purpose.

# Pressure Table System 100 Rectangular

Verplas System 100 Rectangular Pressure Loss Data											
Product Code	Description	Static Pressure Loss (Pascals) for various Flowrates in l/s									
		8	13	15	21	30	60	90	120	150	180
VKC249	1m Flat Channel	0.20	1.80	2.21	4.80	8.56	33.10	73.03	128.05	197.93	N/A
VKC240	1.5m Flat Channel	0.30	2.70	3.32	7.20	12.84	49.65	109.55	192.01	296.90	N/A
VKC297	2m Flat Channel	0.40	3.60	4.42	9.60	17.12	66.20	146.06	256.10	395.86	N/A
VKC235	Flat Channel Straight Connector	0.01	0.03	0.03	0.65	1.40	6.30	14.40	25.80	41.20	N/A
VKC238	Horizontal 90° Bend	2.00	8.40	9.80	22.80	39.80	161.90	354.50	635.00	995.00	N/A
VKC239	Vertical 90° Bend	3.20	13.50	15.60	35.00	62.80	252.70	568.00	996.00	1580.00	N/A
VKC227	Horizontal 45° Bend	0.80	3.00	3.66	8.40	15.53	65.83	141.80	254.00	398.00	N/A
VKC226	Vertical 45° Bend	0.60	2.00	2.57	7.00	12.72	62.99	150.00	274.00	436.00	N/A
VKC237	Male 90° Elbow Bend	3.00	6.50	8.10	19.00	33.10	136.40	312.00	554.00	864.00	N/A
VKC236	Female 90° Elbow Bend	3.00	6.50	8.10	19.00	33.10	136.40	312.00	554.00	864.00	N/A
VKC253F	Offset Straight Round to Rectangular Adapter	0.80	3.00	3.70	8.50	14.60	58.00	132.00	232.00	358.00	N/A
VKC207	Short Male Round to Rectangular Adapter	0.50	3.60	4.80	11.00	20.40	86.20	200.00	356.00	562.00	N/A
VKC241	Short Female Round to Rectangular Adapter	0.50	3.60	4.80	11.00	20.40	86.20	200.00	356.00	562.00	N/A

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# Pressure Table System 100 Round

Verplas System 100 Round Pressure Loss Data		Latest Revision 05.01.16									
Product Code	Description	Static Pressure Loss (Pascals) for various Flowrates in l/s									
		8	13	15	21	30	60	90	120	150	180
VKC250	Round Pipe 1 Metre	0.15	0.40	0.50	0.87	1.40	3.10	4.90	6.78	8.50	N/A
VKC299	Round Pipe 1.5 Metre	0.23	0.60	0.75	1.31	2.10	4.65	7.35	10.17	12.75	N/A
EK0028	Round Pipe Straight Connector	0.10	0.40	0.90	2.00	4.20	20.40	53.00	100.00	160.00	N/A
VKC303	Round Connector with Damper	12.00	18.00	22.00	28.00	44.90	120.00	218.00	310.00	392.00	N/A
VKC300	Round Elbow 90° Bend	0.30	2.80	5.20	10.00	21.10	80.10	190.00	335.00	520.00	N/A
VKC301	Round Elbow 45° Bend	0.20	1.70	2.10	4.80	8.20	31.40	71.25	125.60	195.00	N/A
VKC603	125mm to 100mm Reducer	0.80	1.30	1.50	3.20	5.90	24.00	57.60	102.00	158.60	N/A
VKC256	Round Grille with Flyscreen	12.00	18.00	22.50	35.00	75.80	291.90	650.00	1150.00	1800.00	N/A
VKC244	Louvred Grille Round Spigot	0.80	5.00	6.00	10.00	19.80	79.10	182.00	328.00	525.00	N/A
VKC243	Gravity Outlet Round Spigot	9.00	10.00	10.94	13.00	15.00	30.00	60.57	116.10	192.33	N/A
VKC245	Cowled Outlet with Non-Return Flap Round Spigot	0.40	2.80	4.72	8.80	17.18	62.48	132.99	227.30	344.47	N/A

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# Pressure Table System 125 Round

Verplas System 125 Round Pressure Loss Data		Latest Revision 26.11.15									
Product Code	Description	Static Pressure Loss (Pascals) for various Flowrates in l/s									
		8	13	15	21	30	60	90	120	150	180
VKC267	Round Pipe 1 Metre	0.00	0.05	0.08	0.20	0.43	1.90	4.80	9.00	15.00	N/A
VKC269	Round Pipe 1.5 Metre	0.00	0.08	0.12	0.30	0.65	2.85	7.20	13.50	22.50	N/A
VKC355	Round Pipe Straight Connector	0.05	0.12	0.20	0.45	0.90	4.30	10.90	19.40	29.90	N/A
VKC353	Round Connector with Damper	11.40	16.00	18.30	22.86	31.50	61.70	104.00	149.00	201.00	N/A
VKC350	Round Elbow 90° Bend	0.50	1.40	2.00	4.00	8.40	34.90	84.30	148.00	230.00	N/A
VKC351	Round Elbow 45° Bend	0.20	0.50	0.70	1.40	2.90	12.20	28.80	51.20	80.50	N/A
VKC603	125mm to 100mm Reducer	0.80	1.30	1.50	3.20	5.90	24.00	57.60	102.00	158.60	N/A
VKC619	150mm to 125mm Reducer	0.14	0.30	0.60	1.10	2.20	8.80	18.80	32.00	49.00	69.00
VKC617	Round Grille with Flyscreen	6.00	11.00	12.00	21.00	40.30	167.50	402.00	725.00	1145.00	N/A
VKC268	Louvred Grille Round Spigot	1.85	3.80	4.60	10.00	18.37	73.41	165.08	293.37	458.26	N/A
VKC268F/S	Louvred Grille Round Spigot with Flyscreen	2.04	4.18	5.06	11.00	20.21	80.75	179.00	322.70	500.00	N/A
VKC270	Gravity Outlet Round Spigot	3.60	5.50	6.43	8.10	9.91	11.25	13.00	23.11	48.00	N/A

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# Pressure Table System 150 Round

Verplas System 150 Round Pressure Loss Data		Latest Revision 26.11.15									
Product Code	Description	Static Pressure Loss (Pascals) for various Flowrates in l/s									
		8	13	15	21	30	60	90	120	150	180
VKC670	Round Pipe 1 Metre	0.06	0.09	0.12	0.24	0.40	1.20	2.40	4.10	6.25	8.90
VKC671	Round Pipe 1.5 Metre	0.09	0.14	0.18	0.36	0.60	1.80	3.60	6.15	9.38	13.35
VKC365	Round Pipe Straight Connector	0.04	0.08	0.10	0.12	0.20	1.10	3.00	6.00	10.00	15.10
VKC363	Round Connector with Damper	9.00	12.00	13.60	16.00	23.00	43.60	69.50	102.00	140.00	185.00
VKC360	Round Elbow 90° Bend	0.20	0.80	1.00	2.10	4.20	18.20	45.00	85.00	138.00	205.00
VKC437	150mm to 100mm Reducer	0.40	0.80	1.05	2.00	3.85	15.40	32.90	56.00	85.80	120.80
VKC619	150mm to 125mm Reducer	0.14	0.30	0.60	1.10	2.20	8.80	18.80	32.00	49.00	69.00
VKC275	Louvred Grille Round Spigot	0.10	0.50	0.73	1.50	3.00	12.33	28.21	50.74	80.01	115.00
VKC292	Gravity Outlet Round Spigot	6.00	6.70	6.91	7.50	8.56	11.10	12.75	14.07	15.82	18.00
VKC275F/S	Louvred Grille Round Spigot with Flyscreen	0.11	0.55	0.80	1.65	3.30	13.56	31.03	55.82	88.01	126.50

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