



Water Meters



MJ



PD



WP

The various Dayliff water meter types are robust and economical designs for monitoring residential, commercial and agricultural consumption. Sizes are available from DN15 to DN100 in three different ranges as follows:-

MJ

A high precision and reliable multi jet dry type water meter designed for general water supply metering applications. It features magnetic drive for lower transmission resistance, a magnetic shield for external magnetic field protection and a sealed dry dial to ensure clear and easy reading. The body is made from composite plastic for DN15 and DN20 sizes and brass for larger sizes. Meters are supplied with inlet strainers and union connectors.

PD

Rotary piston type meters that provide high accuracy over a wide flow range. The mechanical transmission movement provides reliability and the liquid sealed register provides easy and clear reading. Meters are fitted with internal strainers, non return valves and union connectors and the bodies are made from composite plastic (15mm size) and corrosion resistant steel for other sizes.

WP

A heavy duty meter with flange connections for bulk flow applications featuring magnetic drive, a dry dial for clear reading and a removable measuring mechanism that can be maintained without removing the meter body. The body is made from cast iron with epoxy coating.

PERFORMANCE DATA

	MJ					PD		WP				
	15	20	25	32	40	15	20	50	65	80	100	
Rated Flow (m ³ /hr), Q3	2.5	4	6.3	10	16	2.8	4	40	63	63	100	
Max. Flow (m ³ /hr), Q4	3	5	7.8	12.5	20	3	5	50	80	80	125	
Min. Flow (l/hr), Q1	30	50	80	125	200	10	16	500	800	800	1250	
Pressure Rating (bar)	10	10	16	16	16	10	16	16	16	16	16	
Max. Operating Temp (°C)	40	40	40	40	40	40	40	50	50	50	50	
Max. Pipe Size	1/2"	3/4"	1	1 1/4"	1 1/2"	1/2"	3/4"	2"	2 1/2"	3"	4"	
Pressure Loss at Rated Flow (bar)	0.2	0.25	0.25	0.24	0.2	0.2	0.25	0.02	0.015	0.034	0.038	
Pressure Loss at Max. Flow (bar)	1	1	1	1	0.9	1	1	0.08	0.08	0.015	0.125	
Max. Reading (m ³)	99999.999					9999.9999		999999				

DIMENSIONS AND WEIGHTS

	MJ					PD		WP				
	15	20	25	32	40	15	20	50	65	80	100	
Body thread (D)	3/4"	1"	1 1/4"	1 1/2"	2"	3/4"	1"	-	-	-	-	
Connector thread (d)	1/2"	3/4"	1"	1 1/4"	1 1/2"	1/2"	3/4"	-	-	-	-	
Flange size (mm)	-	-	-	-	-	-	-	165	185	200	220	
Body Length, L (mm)	165	190	260	260	300	115	130	200	200	225	250	
Overall Length, L1 (mm)	259	294	380	384	431	209	234	-	-	-	-	
Height, H (mm)	106	107	118	118	142	96	96	256	266	276	286	
Width, W (mm)	98	98	98	98	122	96	96	165	185	200	220	
Weight with connectors (kgs)	0.7	0.8	2.9	3.7	6.1	0.6	1.48	12	13	16	18	

