

DS MULTIJET WATER METER

The DS water meters are used to total the volume of water used.

- Low cost ✓
- Long life bearings ✓
- Wide flow range ✓
- Sealed, clear display ✓
- Tamper proof seal ✓
- Pulsed output option ✓
- Hot and cold water ✓



Application

These DS series water meters are installed in numerous applications where the accurate and economic measurement of hot and cold water usage is needed. These meters are suitable for fitting in homes, agricultural and horticultural premises as well as industrial and commercial properties.

Principle of Operation

The DS series is a mechanical inferential meter using the multi-jet principle. It is fitted with an integral direct reading sealed counter to totalise the volume passed. There is an optional pulsed reed switch output for remote instrumentation

Construction

The body and head are made of brass with the body epoxy painted. The internal mechanism is made from wear resistant, antimagnetic and antiscaling plastic materials. The glass plate cover is of adequate thickness. The lid is made of shock resistant plastic. An internal filter of adequate size is fitted to the inlet.

Totaliser

The five digit counter and three dial counters provide a direct reading of the total to a resolution of 0.001 m³ (i.e. 1 litre). The counter mechanism is sealed from the line water in a special antifogging liquid and will not be affected by scaling or contaminated water.

Calibration

All DS water meters are individually calibrated. The meters are approved to the current standard CEE 75/33 in class C. A security tamper evident seal is fitted.

Installation

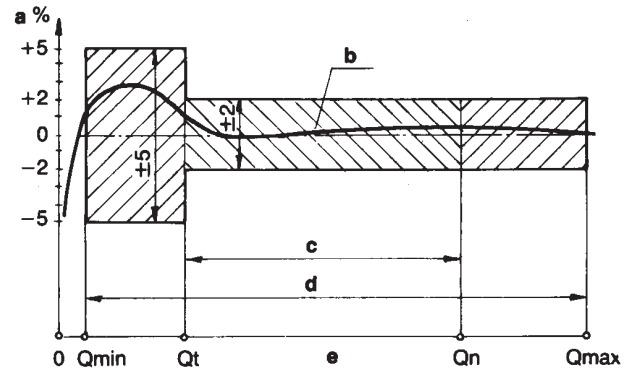
The DS water meters are suitable for installation in horizontal pipelines and should be fitted such that the arrow marked on the body corresponds with the direction of water flow. The upstream pipework should rise so that the outlet is higher than the meter inlet ensuring that the meter is kept full of water. The water meters should be easily accessible to enable a clear reading from the counter.

APOLLO

DS Multijet Water Meter

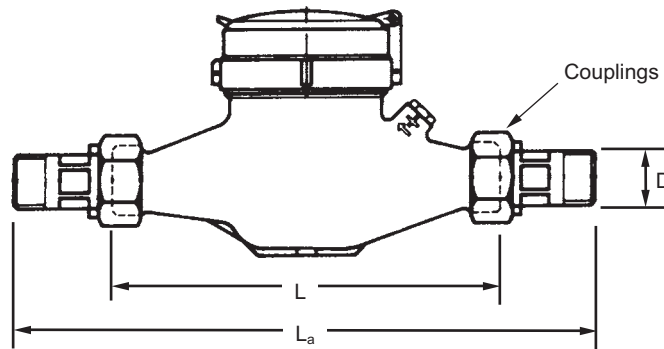
Specifications

Capacity of 5 digit registers:	99,999 m ³
Smallest reading of 4 dials:	0.001 m ³ (1 litre)
Normal temperature:	Cold 30 °C (50 °C Max) Hot 90 °C (110 °C Max)
Maximum pressure:	16 bar
Connections:	BSP couplings
Accuracy:	+/- 2% Q _{max} -Q _t +/- 5% Q _t -Q _{min}
Pulsed output (1 pulse):	1, 10 or 100 litres



Model	Size	Q _{min}	Q _t	Q _n	Q _{max}	Length without couplings	Length with couplings
	D inch	Flow Rate in m ³ /hour				L mm	L _a mm
DSTRP15	1/2"	0.015	0.0225	1.5	3	130-170	210-250
DSTRP20	3/4"	0.025	0.0375	2.5	5	160-190	258-288
DSTRP25	1"	0.035	0.0525	3.5	7	260	378
DSTRP32	1 1/4"	0.05	0.075	5	10	260	378
DSTRP40	1 1/2"	0.1	0.15	10	20	300	438
DSTRP50	2"	0.45	3	15	30	300	461

Dimensions



Contact our flow measurement specialists for **FREE** advice on your application

Freefone 0800 328 6674

Freefax 0800 328 6673

e:mail sales@apolloflow.co.uk

website www.apolloflow.co.uk

The expert advice and the calls are **FREE**
So call now!

Apollo Flow Measurement Ltd, Charles Street, Walsall WS2 9LZ
Tel: 01922 645 647 Fax: 01922 640 326

APOLLO



ISO 9001 Cert. FM 31709