

Description

TROUGH VALV

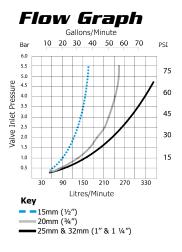
Megaflow trough valves are float operated valves for use in automatic filling of water troughs. The valve is configured for **underwater mounting only**. The float is connected to the valve with a nylon cord, this operates a pilot valve, when the water level drops, the pilot valve is opened and the main diaphragm valve is activated. Megaflow is a good choice where its **high flow**, compact, robust, non corrosive construction is beneficial.

Applications

Maintaining water levels in:

• Animal drinking troughs

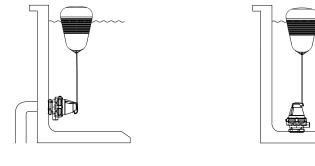
Water storage tanks

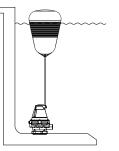


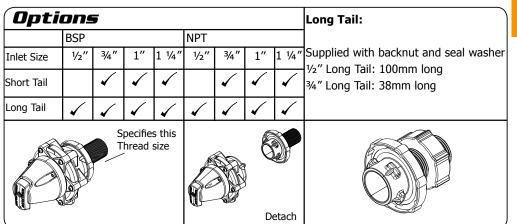
Features

- High flow
- Compact robust construction
- 20-60mm (¾" 2½") water level differential (increases as water pressure increases)
- Positive on/off operation
- Lock off with cord lock
- 0.3 10 bar (5 150 P.S.I.) pressure rating
- Inlet filter
- Constructed from corrosion resistant materials
- Under water installation helps avoid freezing
- Valve is less prone to stock damage









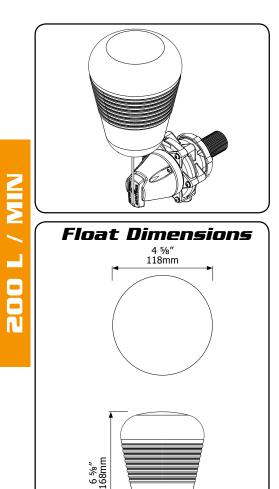
MEGAFLOW TROUGH VALVE SPECIFICATION								
PRODUCT	CODE	INLET SIZE	CODE	OPTIONS	CODE			
Megaflow	MFV	½″ bsp/npt	15	Detach Base	D			
Trough Valve		¾″ bsp/npt	20	Long Tail Thread	LT			
		1" bsp	25					
		1" npt	1					
		1 ¼" bsp	32					
		1 ¼" npt	114					
(e.g) A Megaflow Trough Valve with: ³ / ₄ " bsp inlet thread, detach base, long tail thread has the following spec number: MFV 20 D LT NOTE: If no options are specified the standard ones will be supplied								

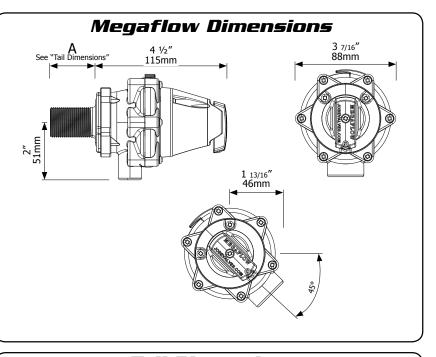
Note: Before using check that under water mounting is allowed by local regulations. Note: Product may differ slightly from these specs due to ongoing product development.

2.1



MEGAFLOW. TROUGH VALVE

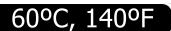




Tail Dimensions						
Dimension A	mm	inches				
20mm (3/4") Short Tail	22	7/8				
25mm (1") bsp/npt short tail	22	7/8				
32mm (1 1/4") bsp/npt short tail	25	1				
15mm (1/2") Long Tail	100	4				
20mm (3/4") long tail	38	1 1/2				
25mm (1")bsp/npt long tail	54	2 1/8				
32mm (1 1/4") bsp/npt long tail	60	2 3/8				

Part	Material	Part	Material	
Body	Glass Filled Nylon	Actuator Cap	ABS	
White Internal Parts	Acetal Detach Locking Ring		Acetal	
Filter	PP/Nylan	PP/Nylan O'Rings		
Diaphragm	EPDM	Float	HDPE	
Seal	TPU	Seal Washer	LDPE	
Springs, Bolts, Nuts, Pin, Screws	304 Stainless Steel	Float Cord	Polyester	

Maximum Operating Temperature



MEGAFLOW TROUGH VALVE PARTS IDENTIFICATION SHEET



DESCRIPTION

Diaphragm Assembly

Detach Base Assembly

Cap & Actuator Assembly

Float Assembly



