

# XtraFlo®

## Full Flow, Large & Medium Trough Valve



### APPLICATION

Compact diaphragm valve with full-flow high volume fill for large troughs with high demand.

### FEATURES & BENEFITS

- Armless design reduces likelihood of livestock damage
- Long life, simple operation trough valve - only three internal moving parts
- High flow, full on and full off
- 30mm (1¼") water level differential between opening and closing, reducing pump motor overload
- Long tail versions available, removing need for tank fittings on thin-walled tanks and troughs
- UV Stabilised and corrosion resistant
- Patented self-cleaning mechanism to minimise blockages
- Fully serviceable

### SPECIFICATIONS

**Working Pressure:** 30 - 1200 kPa (4 - 175 psi)

**Flow Rate:** 425 L/min (95 gal/min) @ 1200 kPa (175 psi)

**Temperature Range:** 1°C - 60°C (34°F - 140°F)

### AVAILABLE SIZES

- 25mm (1") with 20mm (¾") reducing bush
- 32mm (1¼")
- 20mm (¾") Long Tail
- 25mm (1") Long Tail

### SPARES & ACCESSORIES

- Spare XtraFlo float
- Top Entry Conversion Kit (contains 115mm [4"] ball float, nuts and adjustable arm)
- Service Kit (contains diaphragms [new & old versions], backing plates [new & old models], jet assembly, lever and spindle, spring, cotter pin)

### PATENTS

- New Zealand Pat. No. NZ328862B
- Australian Pat. No. AU736 446B2
- South African Pat. No. ZA9808777B

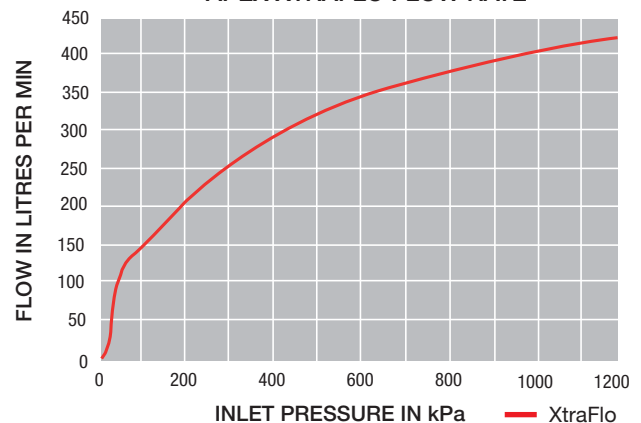


**Long tail version**  
Removes need for tank fittings in thin walled troughs/tanks



Shown with reducing bush

APEX XTRAFLO FLOW RATE



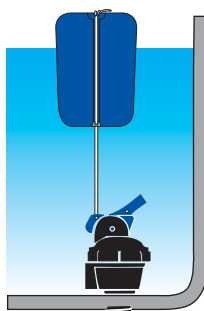
#### GRAPH CONVERSIONS

1kPa = 0.145psi = 0.01 bar

1 L/min. = 0.22 Imperial gpm

#### BOTTOM MOUNT

Attach cord at bottom hole



#### SIDE MOUNT FOR VARIABLE WATER LEVEL

Adjust length of cord at top of float.

Attach cord at top hole

