

# DEMA

# MixRite™

A hydraulic injector for water treatment chemicals



## How does it work?

- > Water powered & positive displacement
- > Chemical addition proportional to water flow
- > Adjustable injection rate
- > Injection rate not reliant on flow or pressure
- > No water 'bleed-off'
- > No electricity required
- > Low friction pump assembly



Internal bypass for use in hard water areas

Standard pump mixes chemical internally



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# MixRite™

## Chemical resistance options

### PVDF Models 569 571 573

Water Pressure from 2.9 to 120 PSI (0.2-8 bar)

Flow rate from 5.3 to 660 Gal/h (20-2500 l/h)

Weight: 4.84 Lbs (2.20 kg)

Coupling: 3/4"



#### DOSE RATES

- > 569 = 0.1 - 0.9%
- > 571 = 0.3 - 2.0%
- > 573 = 0.4 - 4.0%



#### CHEMICALS

- > chlorine
- > chlorine dioxide
- > hydrogen peroxide
- > alkalis
- > brine
- > inorganic acids
- > some organic acids
- > surfactants
- > excellent solvent resistance

### CL Models 571 573 575

Water Pressure from 2.9 to 120 PSI (0.2-8 bar)

Flow rate from 5.3 to 660 Gal/h (20-2500 l/h)

Weight: 4.22 Lbs (1.92 kg)

Coupling: 3/4"



#### DOSE RATES

- > 571 = 0.3 - 2.0%
- > 573 = 0.4 - 4.0%
- > 575 = 3.0 - 10.0%



#### CHEMICALS

- > chlorine
- > alkalis
- > brine
- > hydrogen peroxide
- > surfactants
- > good solvent resistance

### CW Models 569 571 573

Water Pressure from 2.9 to 120 PSI (0.2-8 bar)

Flow rate from 5.3 to 660 Gal/h (20-2500 l/h)

Weight: 4.22 Lbs (1.92 kg)

Coupling: 3/4"



#### DOSE RATES

- > 569 = 0.1 - 0.9%
- > 571 = 0.3 - 2.0%
- > 573 = 0.4 - 4.0%



#### CHEMICALS

- > alkalis
- > most surfactants
- > hydrogen peroxide
- > peroxyacetic acid
- > acetic acid
- > organic catalysts
- > moderate solvent resistance

### IN Models 577 579 (internal bypass of pump)

Water Pressure from 2.9 to 120 PSI (0.2-8 bar)

Flow rate from 26 to 660 Gal/h (100-2500 l/h)

Weight: 4.22 Lbs (1.92 kg)

Coupling: 3/4"



#### DOSE RATES

- > 577 = 0.3 - 2.0%
- > 579 = 0.4 - 4.0%



#### CHEMICALS

- > chlorine
- > brine
- > alkalis
- > surfactants
- > hydrogen peroxide
- > moderate solvent resistance

#note# - model 57.11.1 tip kit may be used to achieve dilution ratios of 500ppm with model 571 & approximately 50 to 100ppm with model 569.

- dilution ratios are based on product viscosity of 1cps.