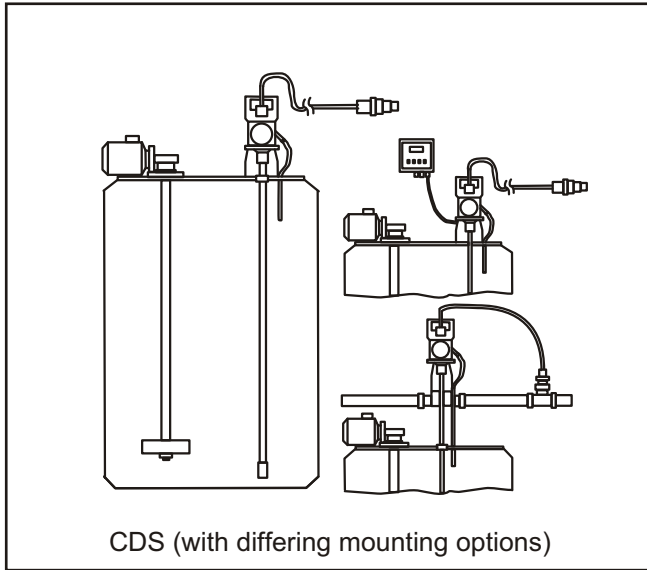


CHEMICAL DOSING SETS (AUTOMATIC)

Model CDS



APPLICATIONS

Automatic chemical dosing sets are designed to facilitate the safe introduction of water treatment chemicals into heating and cooling systems.

Basically, they comprise an electronic dosing / metering pump, electronic timer, chemical storage tank and bund tank, together with foot valve, injection valve and interconnecting tubing.

Options are available, such as mixers, float switches, flow switches, anti-siphon valves, pressure relief valves and pulsation dampers.

Parts are manufactured mainly from plastics (PVC, LDPE, PTFE) for chemical resistance and can be used accordingly for the following applications:-

Low Temperature Heating (LTHW)
Chilled Water (CHW)
Condenser Water (Cond.W)

Chemical Dosing Pots and Sample Coolers are also available.

Volume Output (litres/hour)	System Pressure (Bar)	Strokes Per Minute (s.p.m)	Volume Per Stroke (millilitres)	Hose Size ID x OD (mm)	Product Code (SERIES-PRESSURE-OUTPUT)
1.5	12.0	150	0.18	4 x 6	FCO-12-015
3.0	7.0	150	0.36	4 x 6	FCO-07-03
5.0	5.0	150	0.60	4 x 6	FCO-05-05
15.0	5.0	120	2.1	6 x 8	GCO-05-15
30.0	3.0	120	4.2	8 x 12	GCO-03-30
50.0	1.0	120	6.95	8 x 12	GCO-01-50
100.0	0.0	120	13.9	8 x 12	GCO-00-100
2.0	18.0	150	0.23	4 x 8	HCO-18-02
4.0	10.0	150	0.45	4 x 6	HCO-10-04
7.0	5.0	150	0.78	4 x 6	HCO-05-07
16.0	2.0	150	1.90	6 x 8	HCO-02-16

SPECIFICATION

F Series - are simple and economic to install for mounting on a vertical surface where space is limited.

FCO - have manual output control.

FPV - have auto control from external pacing contacts.

G Series - offer larger outputs and higher pressures than above.

GCO - have a fixed stroke length, the output is controlled by adjusting the pump frequency.

H Series - are for foot mounting on top of a chemical dosing tank or above a chemical drum on an optional wall bracket.

HCO - have manually adjustable stroke length and frequency.

HPV - have low level float switch and external pacing contacts.

Further electronic dosing / metering pumps are available:

Analogue series - ACL and AXL.

Digital series - DCL, DPG, DPZ, DPR and DCK.

ACCESSORIES

FV - foot valve with strainer unit for 4x6, 4x8, 6x8 or 8x12 PVC hose.

INJV - injection valve 1/2" with Viton, EPDM or PVDF seals.

PVC - suction hose 30m coils of 4x6, 6x8 or 8x12.

LDPE - dosing hose 30m coils of 4x6, 4x8, 6x8 or 8x12.

PTFE - dosing hose upon request.

MBFS - mounting bracket and float switch.

LLFS - float switch with mounting flange.

SEFL - flow switch 3/8" or 1/2" in methacrylate or PVC.

VAS - anti-siphon valve for 4x6 or 6x8 LDPE tubing.

VASI - pressure relief valve for 4x6 or 6x8 LDPE tubing.

PRLV - relief valve with 1/2" BSP ports.

SOIM - pulsation damper for 4x6 or 6x8 LDPE tubing.

MIX - mixer with fast or slow speeds.