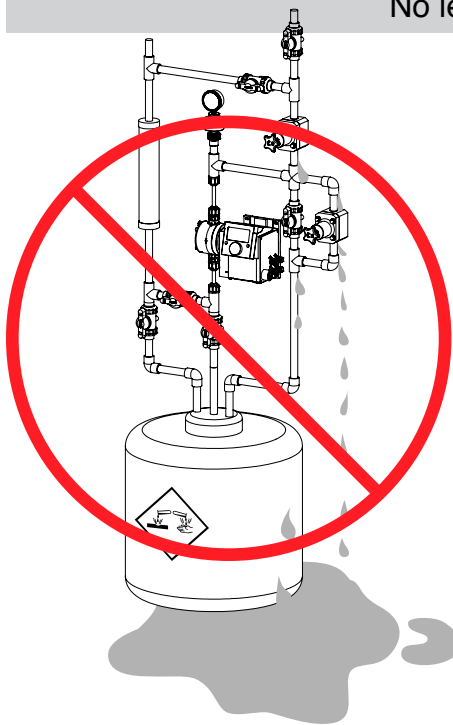


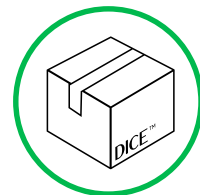
DICE™

REINVENTING THE CHEMICAL DOSING SYSTEM

No leaks



One box product



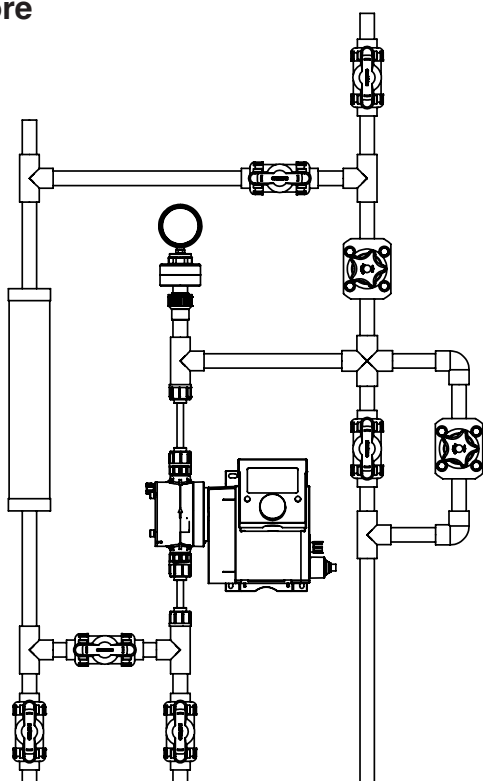
No maintenance



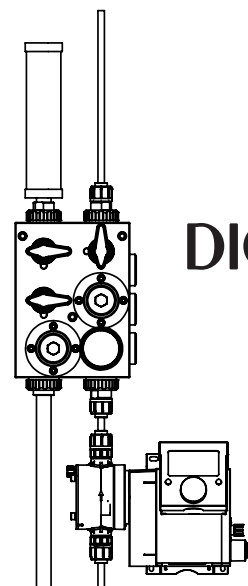
INTRODUCING DICE™



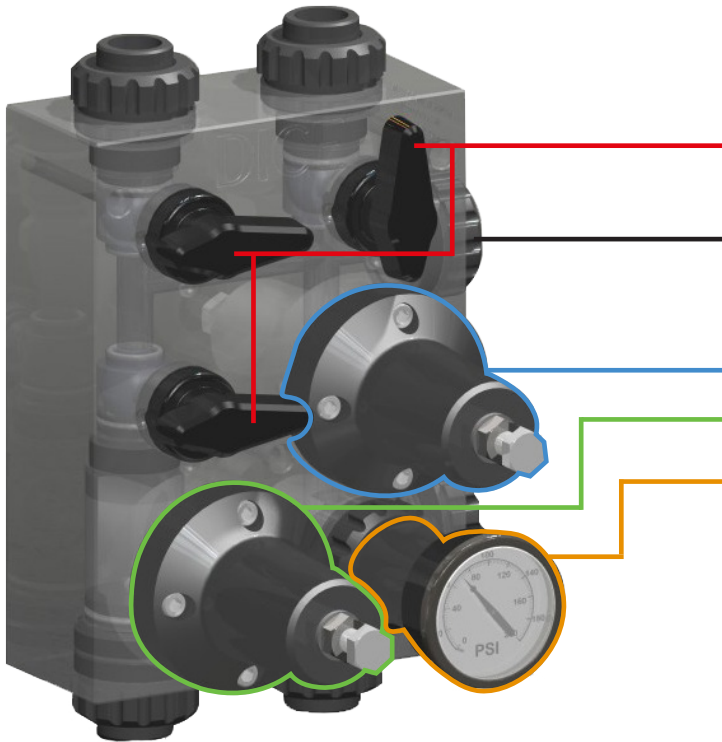
Before



Now



DICE™



FEATURES

• Integrated:

Ball valves for outlet, calibration column, and drainage

Auxiliary ports: pulsation dampener, washing port, transport/dilution water and secondary pumps

Adjustable back pressure valve

Adjustable pressure relief valve

Pressure gauge with isolator

- Standard design that fits all your essential needs
- Extensive reliability and durability
- No threaded or glued connections
- Extremely compact design resulting in minimal footprint
- With only 3 supporting bolts and 4 connections, the module can easily be installed on new and existing systems (retrofit).
- Possibility of having only 1 Dosing module for 3 pumps (1 injection point, 3 pumps)
- Capability of calibrating the pump with the correct suction head and discharge pressure

Patent Pending

The DICE™ Dosing Module integrates all the necessary discharge components required for a typical chemical dosing system. The block type design allows for a rigid, compact and reliable product. The significantly reduced number of connections is a major benefit as it greatly decreases the leakage potential. The module allows for better precision and protection in the dosing system. It also features great quality due to its machined fabrication.

The Dosing Module overcomes the many fundamental problems of the current piping system design such as: poor quality of the piping connections, many potential leakage points, excessive vibration caused by the pump pulsation (which leads to mechanical fatigue on connections and components) and the unjustified large footprint required.

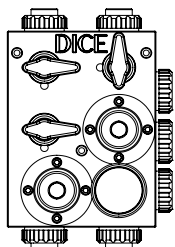
TYPICAL INTEGRATION



TECHNICAL INFORMATION

Sizes	1/2", 1"	Diaphragm Material*	VITON, EPDM
Connections	Hose, Socket, NPT	Seal Material*	VITON, EPDM
Body Material*	Clear Acrylic (PMMA), PVC	Pressure Relief Valve Adjustment Range	0 @ 150 psi
Component Material*	PVC	Back Pressure Valve Adjustment Range	0 @ 250 psi
Valve Seat Material*	PTFE	Pressure Gauge	
Valve Handle Material*	Black ABS		

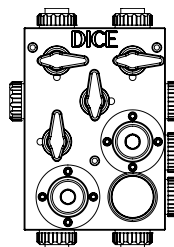
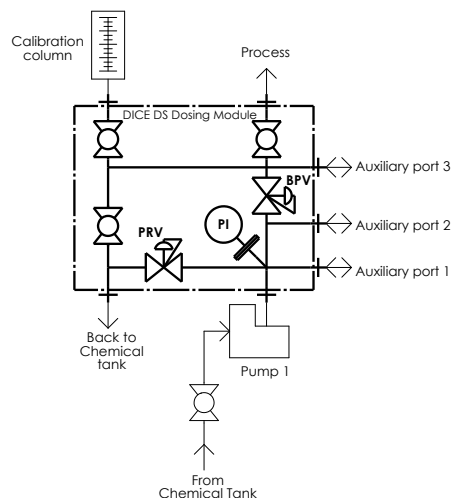
*Other material can be supplied on request.



DICE™ DS

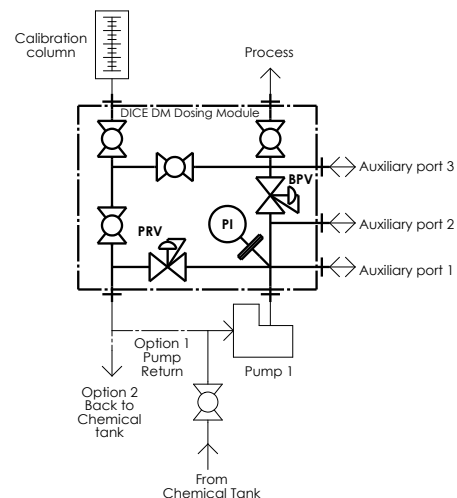
SUCTION LIFT

P&ID

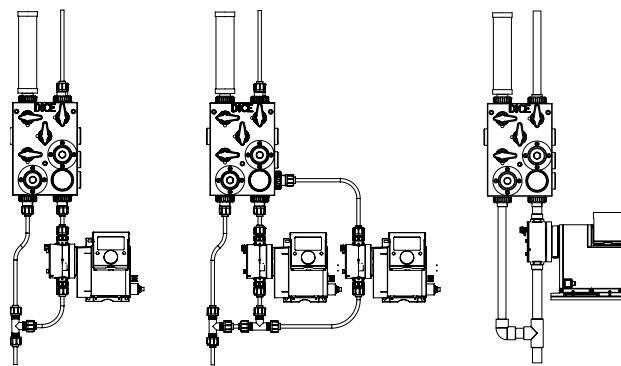
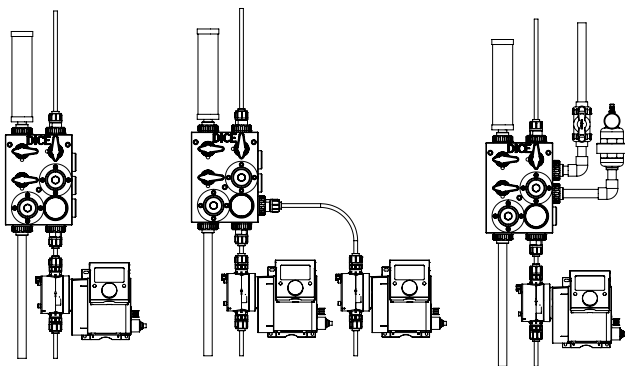


DICE™ DM

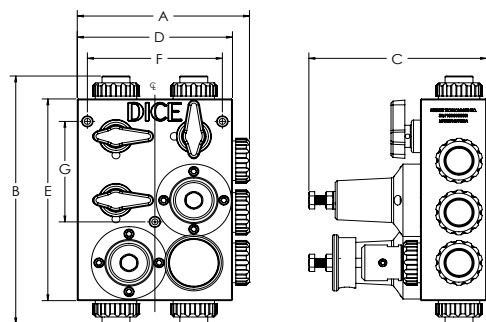
FLOODED SUCTION



TYPICAL INSTALLATIONS



DIMENSIONS



DIMENSIONS mm (in)								
Size	A	B	C	D	E	F	G	
1/2	DS	178,7 (7.03)	280,8 (11.05)	193,4 (7.61)	168,9 (6.65)	228,6 (9.00)	146,9 (5.78)	119,4 (4.70)
	DM	218,6 (8.61)	312,5 (12.30)	193,4 (7.61)	181,6 (7.15)	260,3 (10.25)	159,6 (6.28)	145,7 (5.73)
1	DM	266 (10.47)	372 (14.65)	227,1 (8.94)	222 (8.74)	292 (11.50)	194 (7.64)	180,3 (7.10)