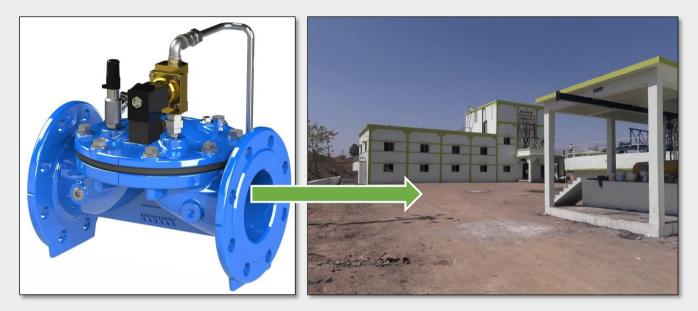


#### **Alpine Flowtech**

Control Valves, Sewage Air Valves, Controllers, Pressure, Flow, Level & Leakage Management. Unit No. 1, B Wing, Swarajya Complex, Rajlaxmi Compound, Opp. Bewakoof Textile Factory Outlet, Kasheli, Kalher, Tal. Bhiwandi, Dist. Thane Pin 421302. Contact: 8850001856/9867025324/8978558585. Email: alpineflowtech@gmail.com. GSTIN - 27ABOFA0019J1ZI.

AF/8-20 - Page - 1/2

# ALPINE DCV-24 VALVE WITH SOLENOID ACTUATOR - 24 vDC FOR SMALL & RURAL WATER TREATMENT PLANTS (WTP)



Cab be<br/>Installed<br/>ForOverflo<br/>SCADA<br/>CoFor• 3 Phas<br/>StocNo Need<br/>Of• 3 Phas<br/>Stoc

Intake-Filter Beds-Aeration-Washout-Overflow-Sludge Drain-CW Storage. SCADA-PLC Interphase. 4-20 mA Controlling for Level, Flow, Pressure.

 3 Phase Actuators, Gear Box, Head Stock, Extended Rods, Anchor Brackets, Universal Couplings, Complicated Panels, Fasteners Etc.



#### **Alpine Flowtech**

**Control Valves, Sewage Air Valves, Controllers, Pressure, Flow, Level & Leakage Management.** Unit No. 1, B Wing, Swarajya Complex, Rajlaxmi Compound, Opp. Bewakoof Textile Factory Outlet, Kasheli, Kalher, Tal. Bhiwandi, Dist. Thane Pin 421302. Contact: 8850001856/9867025324/8978558585. Email: alpineflowtech@gmail.com. GSTIN - 27ABOFA0019J1ZI.

AF/8-20 - Page - 2/2

## **Advantages**

- SIMPLE & WELL ENGINEERED DESIGN. HYDRAULICALLY OPERATED.
- 24 VDC LOW COST IP 68 ACTUATORS. SCADA/PLC/RTU INTERPHASE
- EASY TO OPERATE AND IN-LINE SERVICE. MINIMUM SPARE PARTS
- BETTER FLOW CHARACTERISTICS (FLOW COEFFICIENT).
- VERY LOW HEAD LOSS AS THE VALVE OPENS FULLY
- CONTROLLING APPLICATION AND POSITIONING POSSIBLE
- TIME BOUND CAPEX RECOVERY
- OPTIMIZATION OF 24 vDC SOLAR POWER SOURCE
- OPERATOR FRIENDLY. MANUAL OVERRIDE TO OVERCOME EMERGENCIES
- DUCTILE IRON FOOD GRADE WRAS APPROVED EPOXY COATED BODY AND EPDM DIAPHRAGM LONG LIFE CONSTRUCTION
- SS 304/316 SPRING
- EXTERNAL FASTENERS SS 304. TUBING & FITTINGS IN SS 304.
- SUBMERGENCE RESISTANT

### Conventional System V/s. DCV - 24

	-		-
0	3 Phase Power Requirement	0	24 vDC
0	Poor Head Stock Anchoring	0	Head Stock NOT Required
0	Congested Cable laying & Ducting	0	Only 2 cables Each Valve Needed
0	Congested Walkway	0	Free Walkway for Movement
0	Threat of live wires	0	Low Voltage Wires 24 vDC
0	Difficulty operating by hand in the event	0	Can be operated easily with manual
	of malfunction / power issue.		override ball valve
0	Lot of open Space requirement – Cost of	0	Less Space. The entire Civil Layout can be
	real estate		modified.
0	Complicated Layouts and difficulty in	0	Easy operation even for a lay man.
	operating for semi-skilled operators.		Simple on-off mechanism like a switch
0	Complicated Rotary Actuators	0	Latching/Energizing and De energizing
	mechanism with multiple connections		the Solenoids. No Torque needed. Fully
	hub for Limit, Torque, Overload,		Hydraulic Valve. No Limit Switch needed.
	Thermostat etc.		Valve will either be On-Off.
0	Confusing Actuator Specifications	0	Simple to Operate and Maintain.