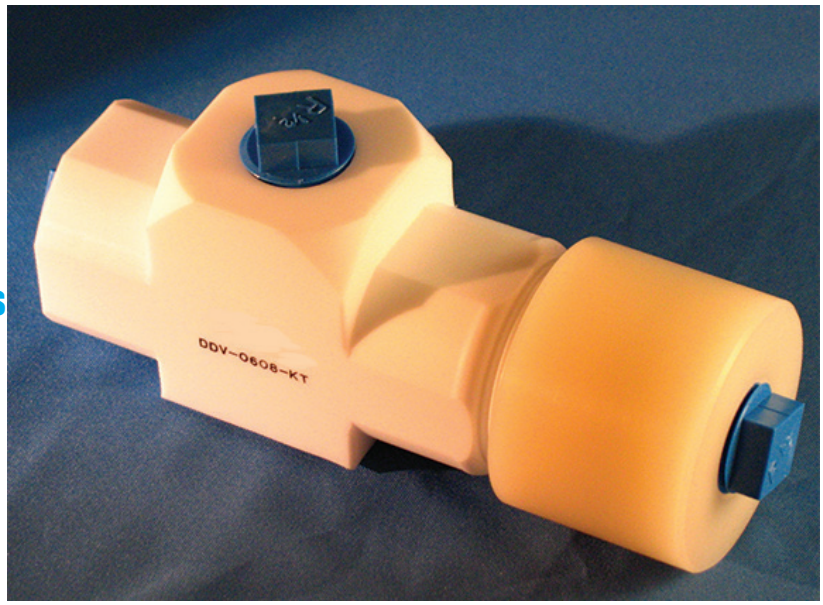
DILUTION DRAIN VALVE

Only requires water to operate

Fail safe design

Drains 2-1/2 gallons in 2 minutes



NACOM'S DDV Series PTFE DILUTION DRAIN VALVE available with diluting ratios of 2:1, 6:1 and 10:1 to choose from. 1/2" & 3/4" drain port hook ups to choose from . Requires only city water or D.I Water to operate . (30 psi)

Why use a Dilution Drain Valve?

- Frees up operator to perform other duties while draining tank.
- Cools and Diilutes solution while draining
- Can select dilution rates of 2:1 6:1 & 10:1 ratio
- Easy facilities hook up, requires only water pressure
- Fits most CTB and Tanks via 1/2" drain hook up

How does it work?

When water pressure is activated , a unique spool valve design moves forward and aspirates the tank dry.

When water pressure is de-activated, a teflon coated isolated spring returns the shuttle shutting off the aspiration and shutting off the valve

How to Order

Part Number	Dilution ratio	Main Drain hook up	Water hook up	Discharge Hook up	Oring material	Material of construction
DDV0208-VT	2:1	1/2" FNPT	1/2" FNPT	1/2" FNPT	VITON	**VIRGIN PTFE**
DDV0208-KT	2:1	1/2" FNPT	1/2" FNPT	1/2" FNPT	KALREZ	**VIRGIN PTFE**
DDV0608-VT	6:1	1/2" FNPT	1/2" FNPT	1/2" FNPT	VITON	**VIRGIN PTFE**
DDV0608-KT	6:1	1/2" FNPT	1/2" FNPT	1/2" FNPT	KALREZ	**VIRGIN PTFE**
DDV1008-VT	10:1	1/2" FNPT	1/2" FNPT	1/2" FNPT	VITON	**VIRGIN PTFE**
DDV1008-KT	10:1	1/2" FNPT	1/2" FNPT	1/2" FNPT	KALREZ	**VIRGIN PTFE**
DDV0212-VT	2:1	3/4" FNPT	3/4" FNPT	1/2" FNPT	VITON	**VIRGIN PTFE**
DDV0212-KT	2:1	3/4" FNPT	3/4" FNPT	1/2" FNPT	KALREZ	**VIRGIN PTFE**
DDV0612-VT	6:1	3/4" FNPT	3/4" FNPT	1/2" FNPT	VITON	**VIRGIN PTFE**
DDV0612-KT	6:1	3/4" FNPT	3/4" FNPT	1/2" FNPT	KALREZ	**VIRGIN PTFE**
DDV1012-VT	10:1	3/4" FNPT	3/4" FNPT	1/2" FNPT	VITON	**VIRGIN PTFE**
DDV1012-KT	10:1	3/4" FNPT	3/4" FNPT	1/2" FNPT	KALREZ	**VIRGIN PTFE**

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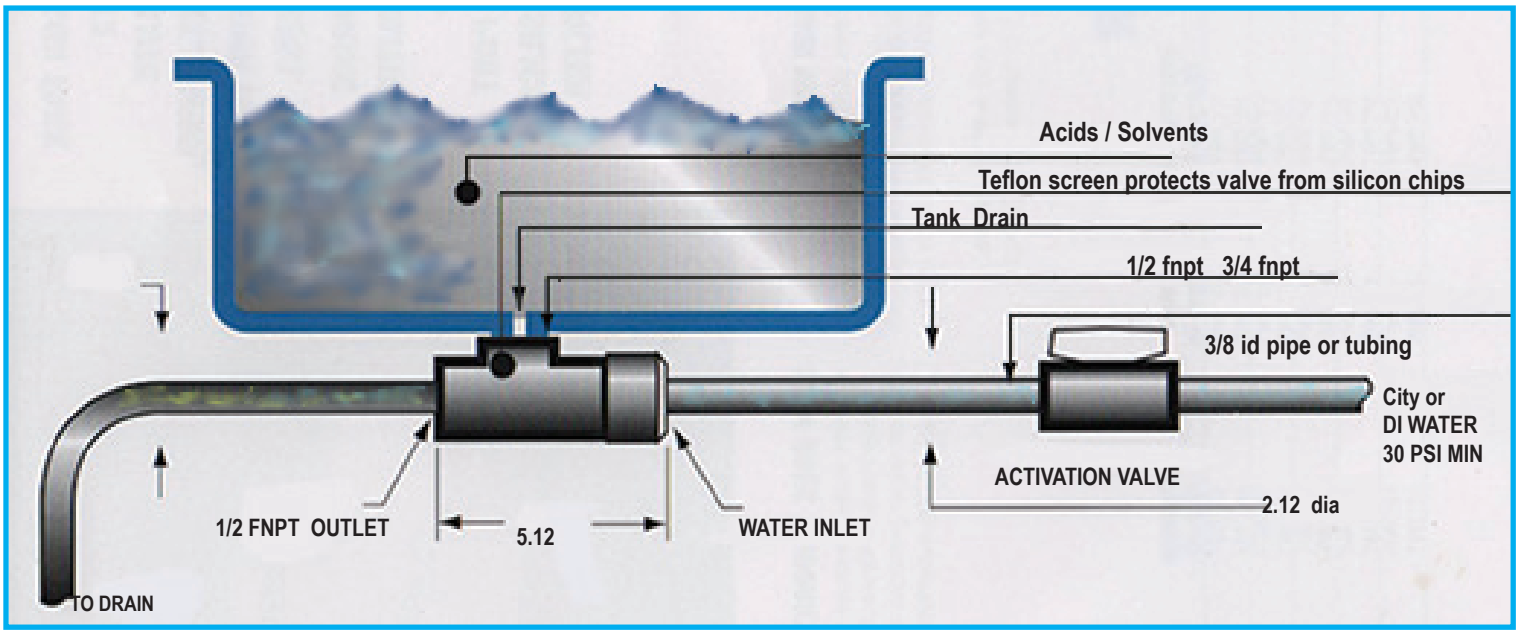
DILUTION DRAIN VALVE

D.D.V SERIES Specifications

Water pressure requirements

Requires 30 psi minimum up to 80 psi maximum

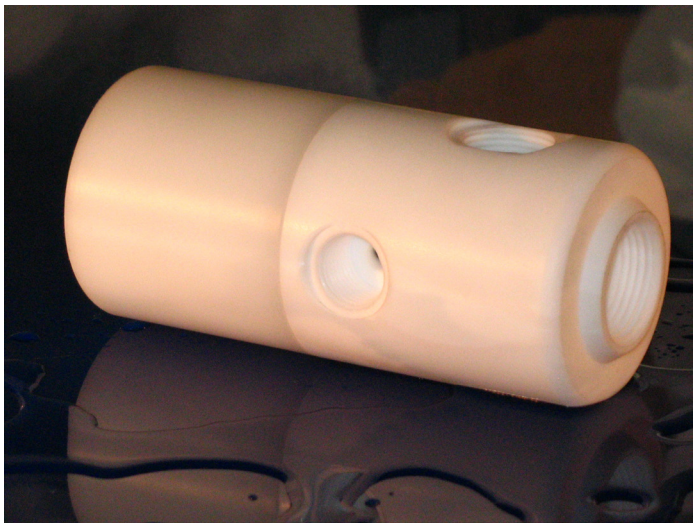
When water pressure is activated, a unique spool valve design moves forward and aspirates with the tank dry
When water pressure is deavtivated a teflon coated isolated return spring automatically.



Nacom's PTFE Dilution Drain Valve

Warning : Although we offer Dilution Drain Valves in 2:1 , 6:1 and 10:1 ratios we recommend 10:1 ratio dilution rates . Depending on the solution being diluted it is possible that when diluting at 2:1 & 6:1 ratios exothermic reaction can occur. NACOM assumes no liability anyway when diluting at unsafe ratios. 10:1 ratio is recommended . 10:1 ratio definition is 10 cups of water to 1 cup of acids or chemical being diluted.

Air Op DILUTION DRAIN VALVE



Can reduce Drain Times up to 30% over conventional medthods

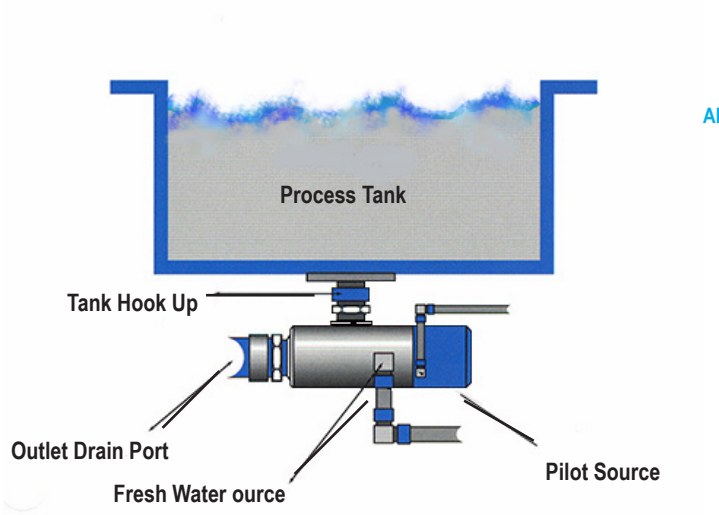
Eliminates the need for Fresh water activation valve.

Why use the Air-op DDV ?

NACOM'S Air Op Dilution Drain valve . When the Air Op DILTION DRAIN VALVE air pilot is actuated , a unique dual acting piston opens both the drain port and fresh water port , there by draining the tank while cooling and diluting the process via the ultimate drain port simutaneously. As the pilot de-activates, the drain port and fresh water port close when the valve piston returns to the closed position . Dilution ratios are provided by a disc with a predetermined hole that provides the exact ratio . The disc is installed in the drain port at the factory and ready to hook up. No disc will give you a 2:1 ratio. Specify dilution ratio when ordering . Dilution ratios available include 2:1 , 6:1, and 10:1

Specifications

Air Op Dilution Drain Valve Specs	
Pilot Air Actuation Pressure	40 psi min 65 psi max
City water Pressure	30 psi min 60 psi max



How to Order

A-DDV - XX - XX- XX

AIR OP STYLE

ORING MATERIAL
VT = VITON
KA = KALREZ

PORT CONNECTION
08 = 1/2" FNPT
12 = 3/4" FNPT
16 = 1.0" FNPT

DILUTION RATIO
02 = 2:1
06 = 6:1
10:1 = 10:1
20:1 = 20:1

DILUTION RATIO