

## AUTOMATIC DRAIN VALVE

**WDV**  
*Services*



Medium Discharge Type

High Discharge Type

Micro Mini Controller Type

Mechanical Float Type

No Air Loss Type

Working Pressure Range : 3 to 70 bar g

Max. Condensate temperature : 1 to 90 deg c

Adjustable timer : 1 Min to 120 min



## Working Principle

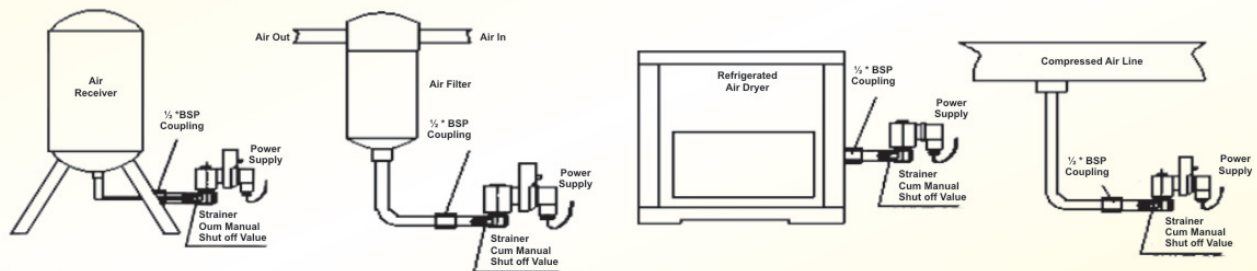
Drain valves are at the air system without losing excessive compressed air without shutting down the crucial part of the compressed air system. Condensate drain valves remove condensate from system. The entrainment condensate along with air flow in compressed air system to end use applications are extremely harmful, if system not drained regularly. Even the smallest compressed air system can produce large quantities of condensate which contains oil & water. Removing condensate from any compressed air system is very much important. An automatic drain valve is the right solution to eliminate this effect. Win offers wide range of automatic condensate drain valves with electronic timer based, electronic no loss type and mechanical float type technologies suitable for various site conditions.

## Technical Specification

Model Description	UoM	WDV M12	WDV H12	WDV L40	WDV H40	WDV B16	WDV E16	WDV ZA16	WDV F16
Type	-	Electronic Timer	Electronic Timer	Electronic Timer	Electronic Timer	Electronic Timer	Micro controller	Electronic Timer	No air loss
Max. operating Pressure	Kgf/cm <sup>2</sup>	16	16	40	40	16	16	16	16
Capacity	cfm	upto 50	51 to 500	upto 50	51 to 500	500 to 1000	upto 500	upto 1000	upto 1000
Electrical Supply	Volt	(230V AC (24V, 48V, 110V AC or DC as per Customer)						230V AC	NA
Input Temperature	Deg C	Upto 90 Deg C							
Protection		IP55 or IP 65							
Valve operating Interval	min	1-120	1-136	1-120	1-136	1-120	0.5-45	1-120	NA
Valve Discharge	sec	8 sec	4	8 Sec	4	4	0.5-10	8	NA
Pilot Opertaed	BSP	NA	1/8"	NA	1/8"	1/8"	NA	1/8"	NA
Inbuilt Strainer		Yes	NA	NA	NA	NA	Yes	NA	NA
End Connection	BSP	1/2"	1/2"	1/2"	1/2"	1"	1/2"	1/2"	1/2"
Material of Construction	MoC	Cast Aluminum	Cast Aluminum	SS	SS	Cast Aluminum	Brass	Cast Aluminum	Cast Aluminum
Weight	Kgs	0.9	1.25	0.9	1.25	2.45	0.5	3.0	1.0

\*7 to 16 Kgf/cm<sup>2</sup> (\* optional 40 Kgf/cm<sup>2</sup> & 70 Kgf/cm<sup>2</sup>)

## Typical Installation



## Advantages

- Moistures & Oil carry over to Pneu.Items
- Discharge high Velocity w/o Clogging
- Less Maintenance
- Non Corrosive Materials
- Increased efficiency of pneumatic equipments
- No power Required in Float Type



Manufacturers :

### WIN EQUIPMENTS

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Specifications are subject to change due to up gradation in all industries

Authorized Dealer :