



## Timed Solenoid Valves



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**Compressed** air is often acidic and rapidly wears pneumatic tools and blocks valves and orifices and corrodes piping which can bring your production process to an extremely expensive standstill. The International standards such as ISO14001 also strictly urge the compressed air users to protect the environment against contamination. Wise Air maintenance free Drains are designed to remove condensate and other contaminants from filter bowls, separators, receivers, coolers, refrigerated dryers and other components where compressed air condensate and contaminants collect.

## Features

- Patented valve technology
- Product quality certifications
- Simple, Superior reliability and durability
- Compact design and innovative features
- Low noise during draining procedure
- Insensitiveness to dirt
- Simple installation and maintenance
- Reliable condensate removal in a variety of industrial and commercial environments
- Superior resistance to higher temperature and longer life based on Industry standard
- Future orientated products for economic and environmental oriented draining and purification of condensate



## FCDV16

Float Controlled Drain Valve with zero air loss and zero power consumption is mostly suited for dirty and oily condensate. There is no need for electrical wiring and it is easy to install and operate.

Item No.	Orifice (MM)	Port Size	Pressure (bar)	Working Temp	Body Material	Seal
FCDV16	2.5	G1/2	0-16	-20°C - 60°C	Aluminum	Viton - NBR



## TSV16A

Timed Solenoid Valve at 16 bar inlet pressure with Analogue operation. This is a fully automatic drain with Electronic adjustable Timer and variable discharge setting. It removes liquids efficiently and requires no maintenance.

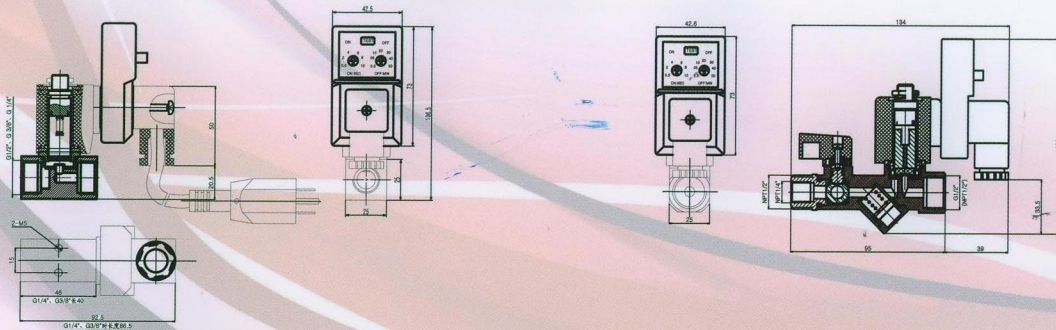
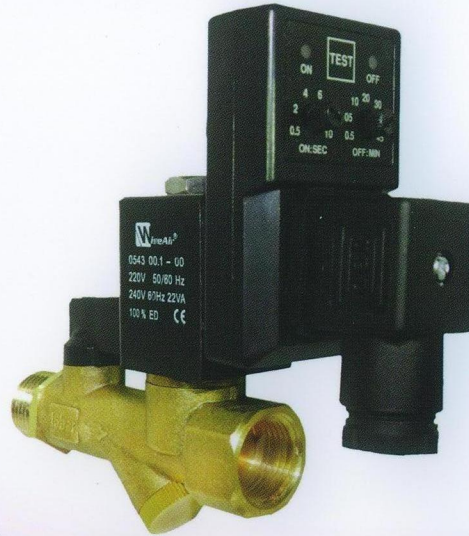
## TSV16AS

Timed Solenoid Valve at 16 bar inlet pressure with Analogue operation and integrated ball valve strainer. This is a fully automatic drain with Electronic adjustable Timer and variable discharge setting. This is a Self cleaning valve which is efficient and reliable.

### Technical Specifications

Type	Normal Close
Working medium	Air -Water
Orifice	3.5mm
Port Size	NPT,BSP 1/2"
Working Pressure	0-16 bar
Working temperature	-080°C - 60°C
Voltage	AC/DC24V - 240V
Insulation rate	Class H, IP65
Body material	Brass
Seal	NBR , VITON

Timed Solenoid Valve





## TSV16D

Timed Solenoid Valve at 16 bar inlet pressure with digital timer drain, This is a fully automatic drain with Electronic adjustable Timer and variable discharge setting. This drain is lightweight and compact design which is easy to install in confined areas.

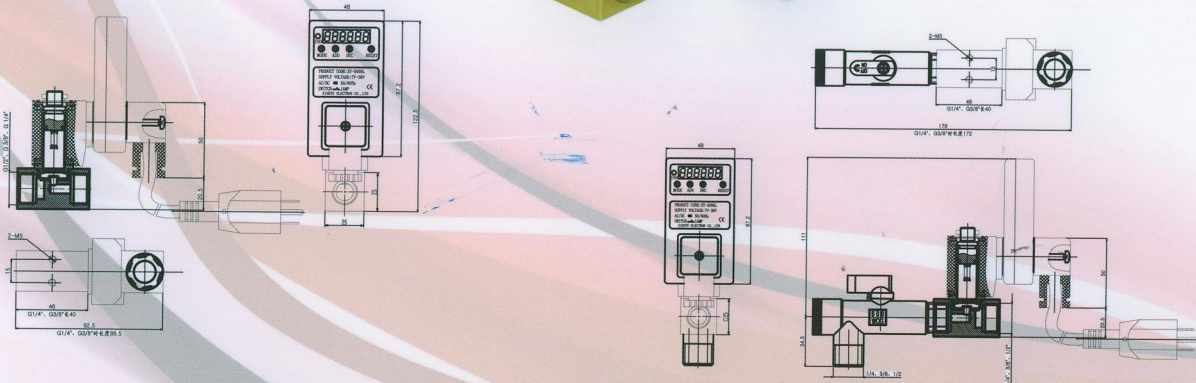
## TSV16DS

Timed Solenoid Valve at 16 bar inlet pressure with digital timer drain and with integrated ball valve and strainer, This is a fully automatic drain with Electronic adjustable Timer and variable discharge setting. This type of drain has wide range of applications which allows for better control of condensate draining.

### Technical Specifications

<b>Valve Style</b>	Two position Two way Direct Acting Solenoid Valve
<b>Connection Port</b>	BSP 1/4" , 3/8" , 1/2" ( female )
<b>Working Pressure</b>	16 Bar
<b>On Time</b>	1Sec~99h 59min59Sec
<b>Off Time</b>	1Sec~99h 59min59Sec
<b>Ambient Temperature</b>	-20℃ - 60℃
<b>Highest Medium Temperature</b>	160℃
<b>Valve Body</b>	Brass , Stainless Steel
<b>Orifice</b>	4.5 mm
<b>Insulation , Protection Class</b>	H Class , IP 65 ( with plug )
<b>Voltage</b>	24-240V DC/AC 50/60Hz

### Timed Solenoid Valve



6



## TSV40A

Timed Solenoid Valve at 40 bar inlet pressure with Analogue timer drain, This is a fully automatic drain with Electronic adjustable Timer and variable discharge setting. This product has a single coil system with permanent magnet and extremely low power consumption.

## TSV40AS

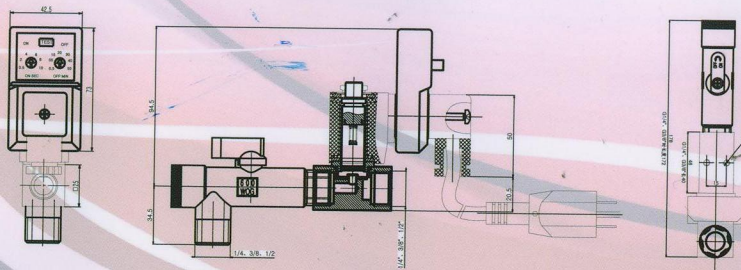
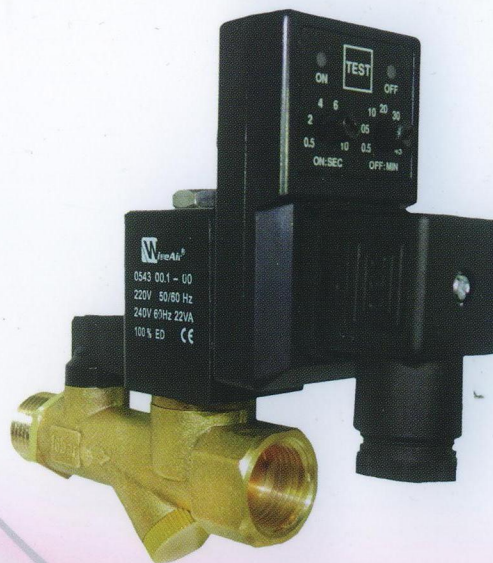
Timed Solenoid Valve at 40 bar inlet pressure with Analogue timer drain and with integrated ball valve and strainer, This is a fully automatic drain with Electronic adjustable Timer and variable discharge setting.

### Technical Specifications

Valve Style	Two position Two way Direct Acting Solenoid Valve
Connection Port	BSP 1/4" , 3/8" , 1/2" ( female )
Working Pressure	40 Bar
On Time	0.5 - 10 Sec
Off Time	0.5 - 45 Min
Ambient Temperature	-20°C - 60°C
Highest Medium Temperature	160°C
Valve Body	Brass , Stainless Steel
Orifice	2.5 mm
Insulation , Protection Class	H Class , IP 65 ( with plug )
Voltage	24-240V DC/AC 50/60Hz



Timed Solenoid Valve



## TSV80A

Timed Solenoid Valve at 80 bar inlet pressure with Analogue timer drain, This is a fully automatic drain with Electronic adjustable Timer and variable discharge setting. This design offers a valve that retains the well established solenoid and diaphragm system capable of withstanding extremely high loads.

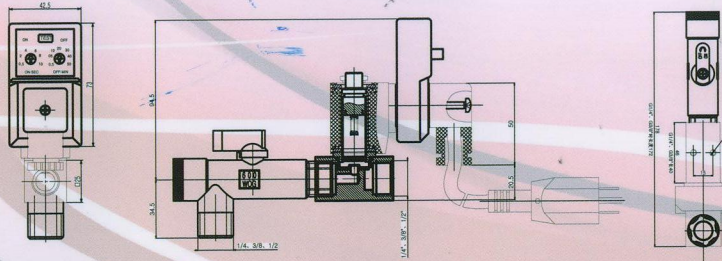
## TSV80AS

Timed Solenoid Valve at 80 bar inlet pressure with Analogue timer drain and with integrated ball valve and strainer, This is a fully automatic drain with Electronic adjustable Timer and variable discharge setting.

### Technical Specifications

<b>Valve Style</b>	Two position Two way Direct Acting Solenoid Valve
<b>Connection Port</b>	BSP 1/4" , 3/8" , 1/2" ( female )
<b>Working Pressure</b>	80 Bar
<b>On Time</b>	0.5 - 10 Sec
<b>Off Time</b>	0.5 - 45 Min
<b>Ambient Temperature</b>	-20°C - 60°C
<b>Highest Medium Temperature</b>	160°C
<b>Valve Body</b>	Brass , Stainless Steel
<b>Orifice</b>	2.0 mm
<b>Insulation , Protection Class</b>	H Class , IP 65 ( with plug )
<b>Voltage</b>	24-240V DC/AC 50/60Hz

Timed Solenoid Valve





WTA

### Technical Specifications

Supply Voltage	110 -240 V AC/DC - 50Hz / 60 Hz for " CE " Marked Timer
Absorption current	5 mA Max
Operating Temperature	-10°C + 50°C
Class Protection	IP65 EN60529
Switch hlding voltage	380VMax
Switch capacity	2A
Inrush current	10A for 10ms
Duty cycle	100% ED
Switch life	100k
Time On	1Sec~99h 59min59Sec
Time Off	1Sec~99h 59min59Sec
Indicator	Red LED
Manual override	Reset
Termination	DIN43650A

### Timer for Drain Valve

T : Timer

A : Analogue



## Strainer for Drain Valve

LS16

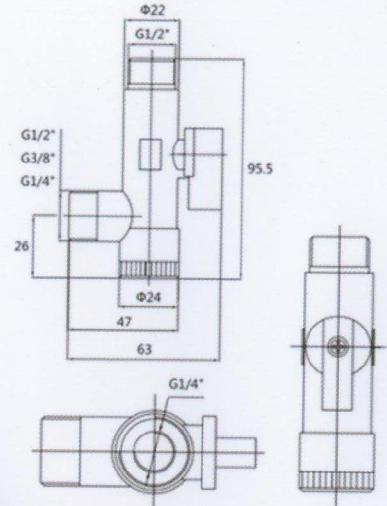
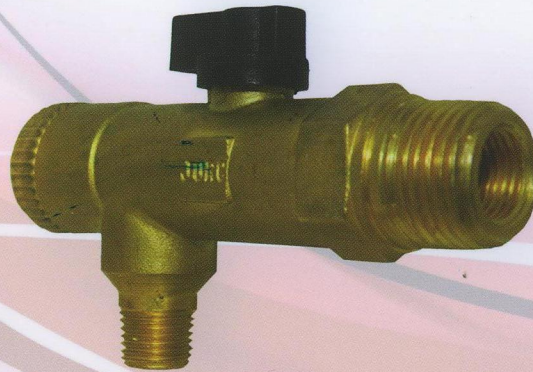
HS40

HS80

Material : Brass

Working Pressure: 16 , 40 , 80 bar

Ambient Temperature: -5°C +120°C





**TD**

**Technical Specifications**

Supply Voltage	24 -240 V AC/DC - 50Hz / 60 Hz for " CE " Marked Timer
Absorption current	4 mA Max
Operating Temperature	-10°C + 50°C
Class Protection	IP65 EN60529
Switch hlding voltage	400V Max
Switch capacity	1A
Inrush current	10A for 10ms
Duty cycle	100% ED
Switch life	3 M
Time On	0.5 to 10 Sec
Time Off	0.5 to 45 min
Indicator	Yellow LED
Manual override	Test
Termination	DIN43650A

Spare Part

**Timer for Drain Valve**

T : Timer

D : Digital

