

# TSD SERIES TIMED SOLENOID DRAIN VALVE

## TSD Series Timed Solenoid Drain Valve

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The Parker Airtek TSD Series Timed Solenoid Drain Valve is designed for the automatic drainage of filter bowls, separators, receivers and other components where compressed air condensate and contaminants collect. The drainage interval and discharge times can be pre-set according to the requirements.

If the equipment to be drained does not have a sump or reservoir then a drip leg should be fitted at the drain location.

Where a system is known to be contaminated by pipe scale or any other large particles, it is recommended that a strainer is installed between the shut-off valve and the timed solenoid drain valve.

Compressed air purification equipment must deliver uncompromising performance and reliability while providing the right balance of air quality with the lowest cost of operation. Many manufacturers offer products for the filtration and purification of contaminated compressed air, which are often selected only upon their initial purchase cost, with little or no regard for the air quality they provide, the cost of operation throughout their life or indeed their environmental impact. When purchasing purification equipment, delivered air quality, the overall cost of ownership and the equipment's environmental impact must always be considered.

### Features and Benefits

- Fully automatic
- Electronic timer
- Self-cleaning valve
- Shut-off valve/strainer
- Lightweight compact design
- Large discharge port
- Protection class IP65/NEMA 4
- LED indication
- Wide range of applications
- Externally adjustable timer with variable discharge setting
- Removes liquids efficiently.
- Efficient and reliable
- Requires no maintenance.
- Easy to install in confined areas
- Reduces likelihood of discharge blockages.
- CSA/NTRL approved timer
- Protects against damage caused by liquid carry over.
- Allows for better control of condensate draining.

- TSD-025

Description	Value
PRODUCT TYPE	Drain Condensate Handling
Configurator	NO
CAD Drawing Available	NO

- TSD-025-SS

Description	Value
PRODUCT TYPE	Drain Condensate Handling
Configurator	NO
CAD Drawing Available	NO

- TSD-050

Description	Value
PRODUCT TYPE	Drain Condensate Handling
TYPE	Timed Solenoid
MEDIUM	Brass
PORT/CONNECTION	1/2" NPT
ELECTRICAL REQUIREMENTS	115V
PRESSURE RANGE	0 - 232 psi g (0 - 16 bar g)
Configurator	NO
CAD Drawing Available	NO

- TSD-050 (24 VOLT)

Description	Value
PRODUCT TYPE	Drain Condensate Handling
Configurator	NO
CAD Drawing Available	NO

- TSD-050-SS

Description	Value
PRODUCT TYPE	Drain Condensate Handling
Configurator	NO
CAD Drawing Available	NO

- TSD-050-230V

Description	Value
PRODUCT TYPE	Drain Condensate Handling
Configurator	NO
CAD Drawing Available	NO

- TSD-1/4-1200-SS

Description	Value
PRODUCT TYPE	Drain Condensate Handling
Configurator	NO
CAD Drawing Available	NO

- TSD-1/4-3625-SS

Description	Value
PRODUCT TYPE	Drain Condensate Handling
Configurator	NO
CAD Drawing Available	NO

- TSD-1/4-600-SS

Description	Value
PRODUCT TYPE	Drain Condensate Handling
Configurator	NO
CAD Drawing Available	NO