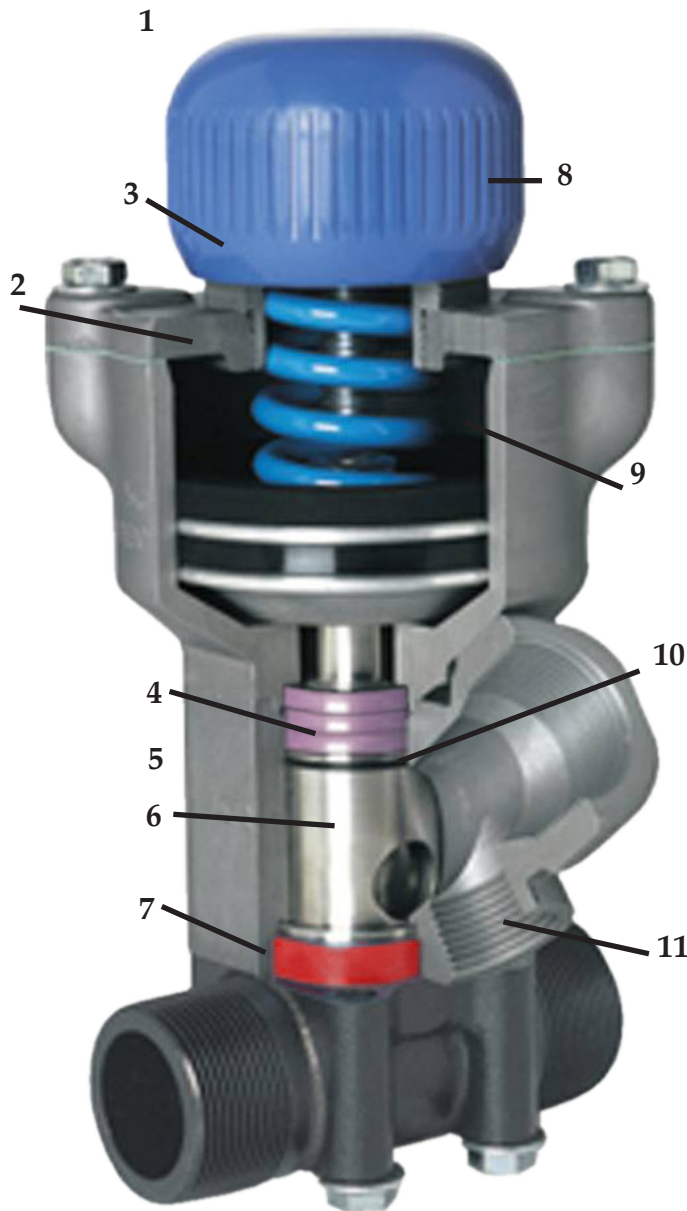


# Thompson Valve II

The airblast industry's leading performance valve. Incomparable quality, durability and operation

A product of Axxiom Manufacturing, Inc.



*The TVII is ideal for multiple outlet systems and fits most existing blasting units.*

The Schmidt® Thompson Valve II (TVII) is a normally closed, self-sealing abrasive metering valve with quick, smooth response to either pneumatic or electric deadman controls. It's fail-safe design shuts off abrasive flow to the nozzle and seals the tank at the same instant. It is the latest valve in the Thompson Valve® line, which revolutionized abrasive metering and control. No other valve offers the smooth, fast and reliable performance of the TVII or its durability and ease of maintenance. Schmidt valves are proven to use significantly less abrasive and are engineered to maximize blasting productivity and reduce downtime.

#### Thompson Valve II Features:

1. Made of only highest quality, performance tested materials for durability
2. Bolt-on cap provides easy access to piston and seal
3. Anti-vibration disc holds knob in place during transit
4. Triple plunger seals keep media from entering piston chamber, extends valve life
5. Modular components are precision manufactured to align accurately, ensure proper assembly
6. Broad range of sleeves available for particular abrasives and applications
7. Seat placed in body allows for easy removal during servicing
8. Twin breather vents under the knob prevent dust from entering piston chamber
9. Spring designed for long life
10. O-ring on sleeve prevents dust migration
11. Clean-out port directly under inlet provides easy removal of dirt or debris



800-231-2085 [SchmidtAbrasiveBlasting.com](http://SchmidtAbrasiveBlasting.com)

## Specifications:

Sleeve:

Available in tungsten carbide, tungsten carbide slotted, urethane, stainless steel or tungsten carbide multiport, large bore

Piping Sizes:

1" MNPT, 1 1/4" MNPT, 1 1/2" MNPT, 2" MNPT

Weight:

11 lbs.

Dimensions"

10.5" x 5" x 9"

## Comparing the TVII:

Valve Features	Schmidt Thompson Valve	Schmidt Thompson Valve II	TVII Benefits
Body and cylinder	One-piece. Anodized finish.	Modular design. High quality casting with hard coat anodized finish	Body separate from cylinder provides easier removal of sleeve, plunger seals and seat during service. Powder coating can hide manufacturing defects
Seals	One seal	Three seals. Performance-tested material	Triple plunger seals minimize media entering piston chamber, reduce drag on plunger. Seal material offers superior durability and longer life.
Sleeve and Plunger	Many options. Made with performance-tested materials. Manufactured to original Schmidt specifications and drawings	Extensive sleeve orifice offerings for more precise metering. Materials performance-tested and precision manufactured.	More sleeve choices for different abrasives and applications, including large bore. Formulated tungsten carbide sleeve is designed to be stronger and less brittle. TV2 TC sleeves combine the protection and toughness of stainless steel with the abrasion and wear resistance of high grade tungsten carbide. Precision machining provides better performance and longer life.
Venting	One breather vent	Twin breather vents, 5 micron	Better at minimizing dust migration to the piston chamber, protecting components within the cylinder chamber, extending valve life
Cleanout	Must remove valve from vessel	Full 1" clean-out port	Positioned directly under inlet for easy removal of debris without removing valve

## Video:

TVII videos can be viewed online at [SchmidtAbrasiveBlasting.com](http://SchmidtAbrasiveBlasting.com) or on YouTube.

Contact your local Schmidt distributor or call Axxiom at 800-231-2085 for distributor information.



**800-231-2085** [SchmidtAbrasiveBlasting.com](http://SchmidtAbrasiveBlasting.com)

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