

You said: pneumatic fitting AW 2000-02

The [AW 2000-02](#) is a widely utilized **pneumatic air filter regulator (FR) unit** that integrates space-saving moisture separation and pressure control into a single component. Originally popularized by **SMC Pneumatics**, this specific configuration nomenclature (AW 2000-02) is a standard design standard manufactured by various brands like [TMC Pneumatics](#), [Techno](#), and [Aerotac](#). [[1](#), [2](#), [3](#), [4](#), [5](#)]

Technical Specifications Breakdown

Feature [[1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#), [8](#), , 1] Specification Details

Model Type	AW Series Filter + Regulator Combination (FR Unit)
Port Size ("-02")	1/4-inch (6.35 mm) BSP / NPT female thread
Body Material	Heavy-duty Aluminum Alloy
Pressure Range	0.05 to 1.0 MPa (approx. 7.25 to 145 PSI)
Filtration Element	Typically 5 Micron or 40 Micron bronze/polyethylene element
Operating Temperature	5°C to 60°C
Drain Mechanism	Available in Manual twist or Semi/Fully Automatic drain styles