

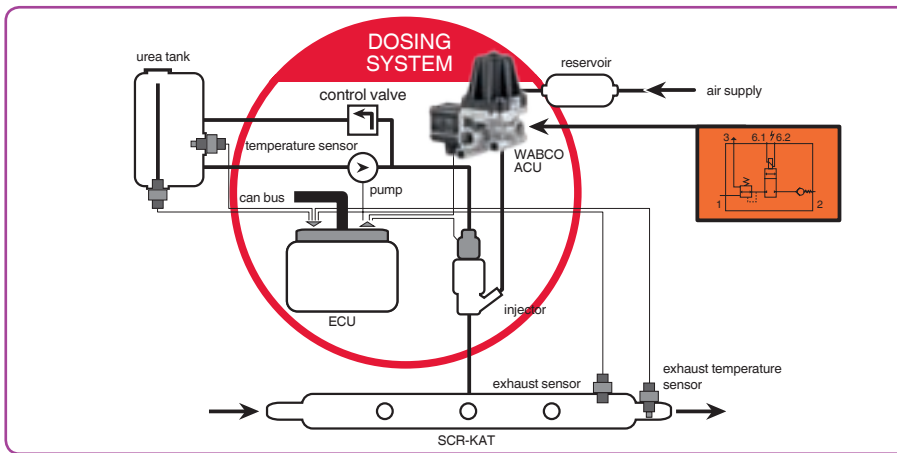
# Air Control Unit

Air Control Unit for vehicles with SCR



- Integrates **THREE** functions in **ONE** single **COMPACT** unit
- **EASY-TO-INSTALL** and **EXCHANGE**
- **COST-EFFECTIVE**

# Cost-effective exhaust gas treatment for vehicles using SCR to meet the Euro4 and Euro5 standards



The Air Control Unit (ACU) developed by WABCO is part of the SCR exhaust after treatment system, which reduces the exhaust emissions. While the engine is running, Urea is injected into the SCR exhaust catalyst. The ACU delivers a preset airflow to the Urea doser.

Offering full functionality in one body, the new Air Control Unit combines three tested WABCO components to provide exhaust gas treatment.

- Integration of pressure limiter valve, solenoid valve and check valve eliminates piping
- Full functionality in one body
- Compact design saves space
- Reduced number of components enhances reliability
- Simplified assembly and exchange saving approximately 60% time

## TECHNICAL SPECIFICATIONS

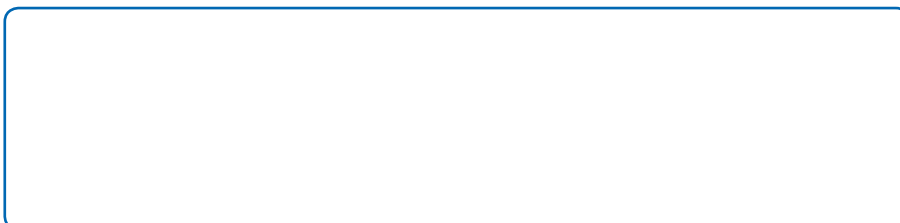
- **Pressure limiter:** 5.5 bar @8.5 bar inlet pressure (79.8 +4.3/-1.4 PSI @123.3 PSI)
- **Solenoid valve:** 2/2 type, Duty cycle: 100%, Current 24V (12V also available)
- **Check valve**
- **Connecting ports:** M16x1.5 Voss type
- **Nominal diameter:** 1.8 mm (for 5.5 bar/79.8 PSI outlet pressure)
- **Ability for fording**

When buying a WABCO product, please check that it contains the typical WABCO marks (particularly on the packaging, labels and identification plate) as evidence that it is an original WABCO part. In case you have any doubts, please contact WABCO or an authorized WABCO partner.

WABCO Vehicle Control Systems is one of the world's leading providers of electronic braking, stability, suspension and transmission automation systems for heavy duty commercial vehicles. Customers include the world's leading commercial truck, trailer, and bus manufacturers. Founded in the U.S. in 1869 as Westinghouse Air Brake Company, WABCO was acquired by American Standard in 1968 and spun off in 2007. Headquartered in Brussels, Belgium, WABCO employs more than 7,700 people in 31 countries worldwide. In 2007, WABCO's total sales were \$2.4 billion. WABCO is a publicly traded company and is listed on the New York Stock Exchange with the stock symbol WBC.

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