



Instrument Grade Compressed Air Filters

Models U205

Effective: March, 2011

DATA SHEET 6205

U205 Ultra-C Air Control Station

20 scfm

- Provides Clean, Dry, Oil-Free Compressed Air
- Color Change Cartridge Life Indicator
- Filter, Regulator, and Auto Drain Trap

KING U205 Ultra-C Air Control Station is intended for light duty service environments to protect air operated equipment and instrumentation. Without question, most compressed air systems contain solid and liquid contaminants that affect performance and increase wear on equipment. Precision pneumatic instrumentation including KING-GAGE tank level gauging systems require clean, dry and oil-free compressed air for trouble free operation.

Model U205 Air Control Station is based on the KING Ultra C Filter combined with a filter-regulator and dial pressure gauge. The high efficiency 20 scfm two stage filter uses a self-draining coalescing element to remove large amounts of solid and liquid contaminants from the airline. This version of the station also includes a filter-regulator and dial gauge.

King filter cartridge elements provide equal efficiency regardless of flow rate. Another unique aspect of the U205 design is a color indicating feature on the visible top element to signal the need for replacement. Performance is consistent in that filtering efficiency does not diminish during the life of the cartridges.

KING U205 Air Control Stations are intended for light duty environments not directly exposed to prolonged direct sunlight. The U205 has an aluminum housing with polycarbonate sumps, while the regulator is supplied with cast zinc body. Inlet and outlet connections are 1/2" NPT designed to accept standard tube or pipe fittings.



**Model U205
Ultra-C
Air Control Station**

Model No.	U205 (w/ auto drain), U206 (w/ manual drain)
Rated Flow	20 scfm @ 100 psig; 566 l/min @ 7 Kg/cm ² ; 34 m ³ /hr @ 7 bar
Connections	1/2" NPT
Max. Pressure	150 psi
Filter Type	dual cartridge 2-stage design w/ color change indicating
Rating	99.98% @ 0.1 micron



U205 Ultra-C Air Control Station

20 SCFM FILTER-REGULATOR-GAUGE

APPLICATIONS

Point of Use: Air operated packaging equipment, air preparation for painting/coating systems, improved machinery performance and reduced maintenance.

Pneumatic Instruments: Installed upstream of the main take off to individual components, the filter provides clean, regulated compressed air. One (1) air control station can service dozens of individual pneumatic tank sensors.

SPECIFICATIONS

ULTRA-C AIR CONTROL STATION

MODEL U205 with automatic sump drain

MODEL U206 with manual sump drain

Maximum Inlet Pressure: 150 psig (10.3 bar)

Capacity (Flow):

20 scfm @ 100 psig (34 m³/hr @ 6.9 bar)

Rated Efficiency: 99.98% @ 0.1 micron

Regulated Pressure Range: 0–100 psig (0–6.9 bar)

Dial Pressure Gauge: 0–160 psig (0–11.0 bar)

Connections (Inlet/Outlet): 1/2" NPT, female

Temperature Limit: 125°F/52°C

Physical Data:

housing—cast aluminum

upper bowl—polycarbonate

sump—polycarbonate

regulator—cast zinc

shipping weight—5.5 lb/2.5 kg

Sump Drain:

automatic, floated actuated (Model U205)

manual petcock (Model U206)

Cartridge Elements:

dual cartridge, 1st stage scrubber, 2nd stage polisher

U3002 scrubber (type 750)

U3003 indicating polisher (type 750)

All specifications are subject to change without notice.

