



# Instrument Grade Compressed Air Filters

## Models U200, U201

Effective: March, 2011

DATA SHEET 6201

# U201 Ultra-C Filter

- Provides Clean, Dry, Oil-Free Compressed Air
- High Efficiency Coalescing Submicron Element
- Energy Conserving Automatic Drain

KING U201 Ultra-C Filter, our lowest price coalescing filter, doesn't skimp on performance. It has a single stage element intended for final cleaning of air at point of use. It also excels as a pre-filter for compressed air dryers with its energy conserving automatic sump drain with intermittent action that diverts liquid contaminants from the air stream. The compact U201 is built on a cast aluminum housing combined with a transparent polycarbonate sump.

The KING filter cartridge element provides equal efficiency regardless of flow rate. Filtering efficiency does not diminish during the life of the cartridges so you can be assured of consistent performance and air quality. 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.

KING U201 Ultra-C Filter is intended for light duty environments not directly exposed to prolonged direct sunlight exposure. The U201 is built on a cast aluminum housing combined with a transparent polycarbonate sump. Energy conserving intermittent action automatic drain ensures that liquid contaminants are periodically discharged. This critical feature eliminates the maintenance problems associated with failure to drain condensate from the filter sump.

**(An available variation, model U200 is the same unit but with a manual petcock drain.)**



**20** scfm

**Model U201  
Ultra-C  
Compressed Air Filter**

<b>Model No.</b>	U201 (w/ auto drain), U200 (w/ manual drain)
<b>Rated Flow</b>	20 scfm @ 100 psig; 566 l/min @ 7 Kg/cm <sup>2</sup> ; 34 m <sup>3</sup> /hr @ 7 bar
<b>Connections</b>	1/2" NPT
<b>Max. Pressure</b>	150 psi
<b>Filter Type</b>	single coalescing cartridge
<b>Efficiency</b>	99.9% @ 0.1 micron



# U201 Ultra-C Filter

20 SCFM SINGLE STAGE COALESCING FILTER

## 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. When used with KING-GAGE tank level systems, one (1) filter can service dozens of individual pneumatic tank sensors.

## SPECIFICATIONS

### ULTRA-C FILTER

MODEL U201 with automatic sump drain

MODEL U200 with manual sump drain

**Maximum Inlet Pressure:** 150 psig (10.3 bar)

### Capacity (Flow):

20 scfm @ 100 psig (34 m<sup>3</sup>/hr @ 7 bar)

**Rated Efficiency:** 99.9% @ 0.1 micron

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

**Temperature Limit:** 200°F/93°C

### Physical Data:

housing—cast aluminum

sump—polycarbonate

shipping weight—2 lb/1 kg

### Sump Drain:

automatic, floated actuated (Model U201)

manual petcock (Model U200)

### Cartridge Elements:

single cartridge coalescing scrubber

U3002 scrubber (type 750)

All specifications are subject to change without notice.

