

ACD-300 Activated Charcoal Deodorizer

Eliminate Offending Odorant from Atmospheric Bleed Gas to Reduce Leak Call Outs

Description

The ACD-300 Activated Charcoal Deodorizer is designed to remove odorant from natural gas-bleed associated with natural gas control instrumentation. The ACD-300 reduces costs by minimizing leak call outs in populated areas. The ACD-300 may be installed on all Becker Precision Equipment control instrumentation that discharges natural gas to atmosphere. The ACD-300 installs on the vent exhaust port of the control instrument and is applicable for units that bleed constantly or intermittently. The Becker ACD-300 has a specially impregnated activated charcoal component that provides greater absorption of natural gas odorant compared to other types of charcoal deodorant. ACD-300s are sold in prepackaged quantities of four per box.

Table 1 - ACD-300 Specifications

Specifications	
Part Number	22-2300
Flow Capacity	Each cartridge contains 1lb. (0.45 kg) of charcoal and will absorb 0.33 lbs. of odorant
Dimensions	
Overall Height	6.86" (175 mm)
Diameter	3.5" (90 mm)
Inlet	0.75" NPT (19 mm)
Outlet	1.0" (25 mm) non-threaded
Weight	1.4 lbs. (0.64 kg)
Materials	
Canister	PVC
Charcoal	Activated charcoal



Figure 2 - Becker Model ACD-300 Activated Charcoal Deodorizer

The ACD-300 easily installs on the vent exhaust port of nearly any natural gas control instrumentation to eliminate the odorant from atmospheric bleed gas.



Figure 3 - Becker Model ACD-300 Activated Charcoal Deodorizer 4-Pack

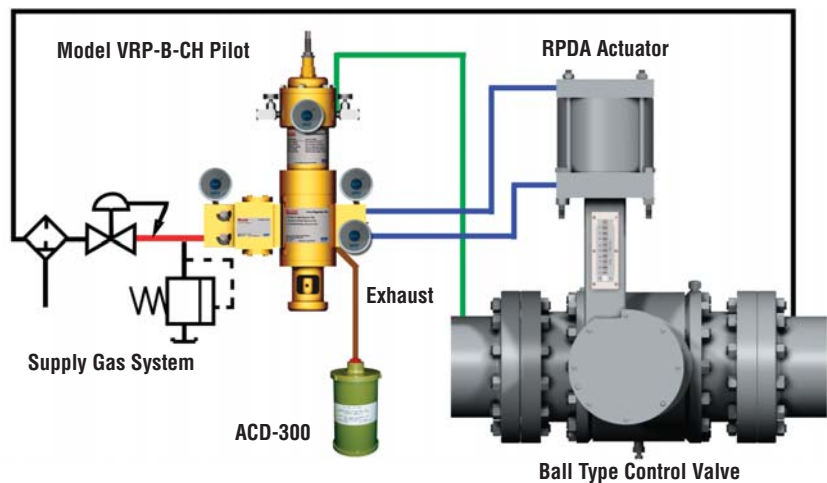
The ACD-300 is sold and shipped in a conveniently packaged 4-pack.

Figure 1 - Typical ACD-300 Installation

Becker ACDs are compatible with all Becker control instrumentation. Figure 1 displays a typical installation of a Becker Model VRP-B-CH Valve Regulator Pilot. The ACD-300 may be installed on all Becker instrumentation and most other manufacturers' natural gas control instrumentation in order to minimize noticeable atmospheric bleed gas odor.

Schematic Legend

- Sensing Pressure (Downstream Pressure) P_2
- Inlet Pressure (Upstream Pressure) P_1
- Exhaust (Discharge)
- Supply Gas (Regulated)
- Intermediate Pressure (Loading)



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