



Delivering  
performance  
proven solutions  
for buses



# QBA40 Severe Duty

Bus Air Dryer



Features patented multi-stage filtration combined with advanced twin tower drying technology

Engineered for optimal trouble-free performance in severe duty applications, Graham-White QBA Series Sludgebraker® dryers are designed for any bus, truck, or off-road vehicle equipped with a pneumatic brake system that requires an air dryer to maintain quality brake air.

The new QBA40 model features health monitoring and optional CAN-Bus communication to provide real-time dryer performance and outlet air quality. Service feedback is based on actual dryer usage. Easy to install and maintain, desiccant cartridges and filter can be serviced in minutes.

- Filters heavy sludge oil, carbon, water and dirt contamination
- Eliminates liquid water – prevents airline freezing
- Provides clean, dry air

## Quality Brake Air Reduces Downtime



- + Continuous health monitoring, reports operational issues
- + Condition-based maintenance, LED signals required filter and desiccant cartridge service
- + Self-test push button to verify dryer operation
- + Digital Humidity Sensor monitors and reports air quality
- + Option for CAN-Bus ready for easy access to dryer performance
- + Performance and faults are logged and files can be downloaded

Ready to Show



Ready to Quote

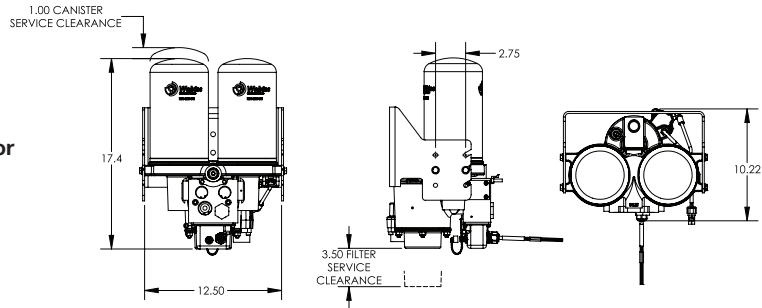


Ready to Produce



In Production

- Spin-on threaded disposable desiccant canisters
- Integrated coalescing filter
- Status and Fault Indicator
- Field serviceable Digital Humidity Sensor
- Outlet check valve
- Condition-based maintenance
- Microprocessor based controls
- Continuously monitors all sensors



## Specifications

### TWIN TOWER PRESSURE SWING REGENERATION

<b>Desiccant Material:</b>	Silica Gel
<b>Max Inlet Flow Rate:</b>	40 SCFM nominal / 1133 l/min
<b>Max Working Pressure:</b>	150 psi or 10.3 bar
<b>Operating Voltage:</b>	12/24 (9-42) VDC
<b>Temperature:</b>	-40°F to +185°F / -40°C to + 80°C
<b>Coalescing Filter Rating:</b>	99.9% efficiency @ 0.3 microns
<b>Current Draw:</b>	0.25 A @ 12 VDC (3 W) 0.2 A @ 28 VDC (5 W)
<b>Current Draw w/Heater:</b>	6.5 A @ 12 VDC (78 W) 3.0 A @ 28 VDC (80 W)
<b>Height:</b>	17.5" / 445 mm
<b>Width:</b>	12.5" / 318 mm
<b>Depth:</b>	10.25" / 260 mm
<b>Weight (with, w/o Bracket):</b>	46 lbs/37 lbs / 21 kg/17 kg
<b>Maintenance:</b>	Annual filter element changes. Three (3) year desiccant change.
<b>Options:</b>	Unloader/drain valve/turbo CAN-Bus communication Heater Bracket

**For more information, contact your local  
Wabtec Bus Solutions representative.**

### Wabtec Bus Solutions

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