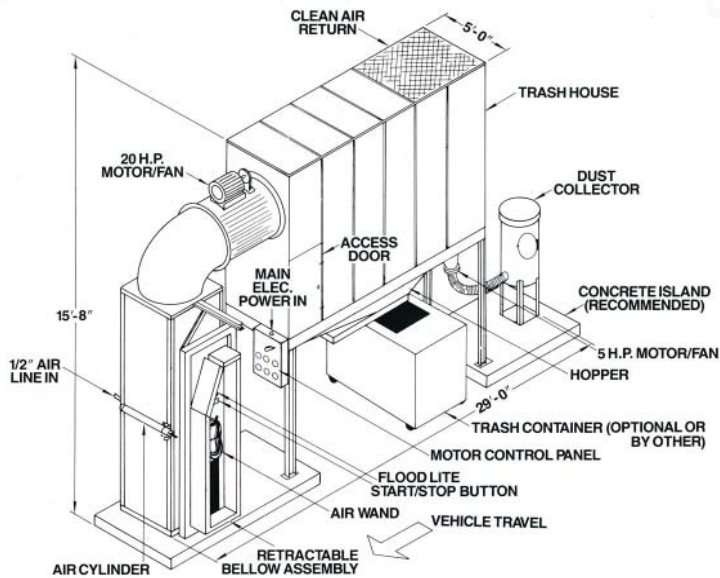


# BELLOWS VACUUM SYSTEM

*Clean buses and trains cost effectively and efficiently with a Bellows Vacuum System*



## PRODUCT DESCRIPTION

For over three decades, Clean Air Technologies has been manufacturing state-of-the-art vehicle cleaning systems. Powerful...best describes this new vacuum which produces over 20,000 CFM of air volume. In less than two minutes the interior of a transit bus is brilliantly clean.

Retractable "bellow" assembly rides on an overhead trolley, fits into the vehicle door opening and forms a seal. The operator stays inside the vehicle and, with an air gun, stirs up small debris from corners. Debris is pulled through bellows and fans into plenum housing where heavier debris (transfers, small papers etc.) drops into standard type trash container. Dust is removed from remaining air with Clean Air Technologies specially designed dust collector. Clean air is returned to garage area so there is no heat loss.

Clean Air Technologies manufactures other types and even systems with large central vacuum and multiple bellows. So if you need to vacuum 50 or 500 vehicles in a shift, these systems get the job done!

We'll design and manufacture a vacuum system specifically to suit your cleaning and space requirements. Make the clean choice!

## AUTOMATIC BUS/TRAIN INTERIOR VACUUM SYSTEM SPECIFICATIONS AND UTILITY REQUIREMENTS

### Electrical Motors/Fans/Controls

- One 20 HP Motor with High Efficiency Vane Axial Fan - 20,000 CFM @ 2.8" s.p.
- One 5 HP Motor with High Efficiency Vane Axial Fan - for Dust Collector
- One Pre-Wired Electrical Motor Control Panel with Programmable Microprocessor
- Sound Level - approximately 80 dba

### Air Requirements

Provide 1/2" Air Line @ 80-100 psi

### Electrical Requirements

Provide 208/230 volt, 3 phase, 100 amp or 460/480 volt, 3 phase, 50 amp or 575/600 volt, 3 phase, 35 amp Service to Motor Control Panel

### Options

Trash Container, Trash Compactor, Retractable Hose Reel  
Air Deodorizer