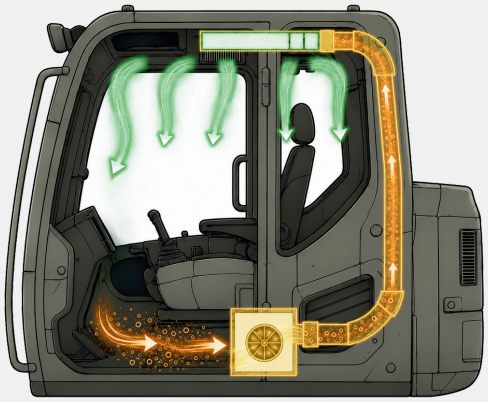
CLEANCAB FILTRATION SYSTEMS

AUSTRALIAN MADE AND OWNED

CABIN ACTIVE AIR RECIRCULATION

*Proudly made in Australia to suit local conditions: the **CleanCab Active Recirculation System** is a **patent-pending, drill-free HEPA retrofit kit** that continuously scrubs the cabin's own air, capturing the respirable dust and silica that ride in on boots and clothing every time the door opens.*

PAT	PATENT PENDING DESIGN
H14	HEPA FILTER EFFICIENCY*
~65	AIR CHANGES / HR*
ZERO	DRILLING (EASY INSTALL)



THE UNIQUE AIR CIRCULATION SYSTEM

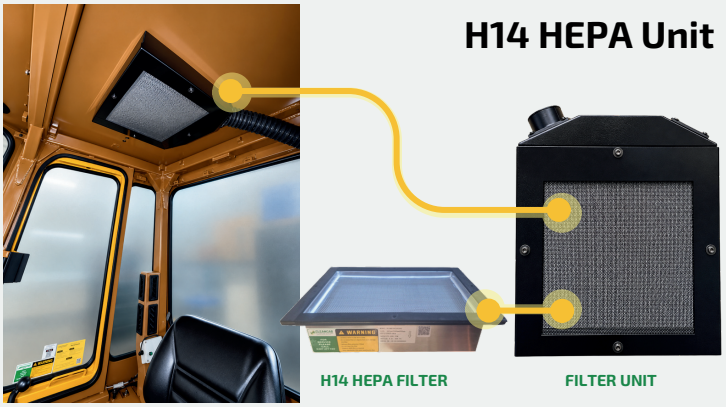
BLOWER UNIT



OPTIONAL UNIT WITH FILTER ELEMENT

STANDARD BLOWER UNIT

H14 HEPA Unit



H14 HEPA FILTER

FILTER UNIT

Blower Unit

A low-mounted blower draws dust-laden air from the floor and foot well. Its motor is sized to pull air through HEPA-grade media on its own circuit, so fine filtration never chokes the factory HVAC or robs it of cooling. Option available to have a pre filter in the blower unit.

Key Specifications:

Motor	**Brushless VS**
Fan Speed Control	**Standalone switch**
Mounting	**4x magnetic mounts** (140kg)
Standard Unit (no -filter)	
Max Airflow	**130 m³/h**
Air changes / hr	**~65 ACH**
Dimensions (mm)	**208(L) ×220(W) ×123(H)**
Optional Unit (with filter)	
Filter	**H/Duty Automotive Filter**
Max Airflow	**70 m³/h**
Air changes / hr	**35 ACH**
Dimensions (mm)	**208(L) ×220(W) ×126(H)**

H14 HEPA Unit

A ceiling-mounted HEPA unit receives air via the conduit and discharges it downward over the operator, driving airborne dust back to the floor to be captured again. A large filter face spreads high volume into a slow, even downflow the operator doesn't notice.

Key Specifications:

Filter	**HEPA**
Dust Efficiency	**99.995%**
Mounting	**4x magnetic mounts** (140kg)
HEPA Type A	**Low Profile Body**
Weight	**3 kg**
Dimensions (mm)	**350(L) × 410(W) × 75(H)**
HEPA Type B	**Angled Body**
Weight	**2.5kg**
Dimensions (mm)	**340(L) × 225(W) × 225 (H)**

LOW PROFILE UNIT



ANGLED BODY UNIT



CleanCab ACH based on 2m³ cabin. No mobile-plant ACH standard exist. ASHRAE/ASHE Standard 170 / AS 1668.2:2024 used to compare common ACH standards vs. CleanCab system performance. **Office building 4 | Hospital Patient Room 6 | Operating Theatre 20**



AIR QUALITY SYSTEMS HAVE A LEAK

Each time a door opens, dust rides in through the air or is transferred via operators & service technicians' boots and clothing. This dust settles low, right in the operator's breathing zone around the floor and foot well.



Airborne Particles



Dusty Clothing



Operator Boots

Pressurising the cab doesn't adequately remove all trapped particles!

Patent-Pending Design suits all Cabins & Retrofits

Designed to work within all cabins, offering multiple-sized HEPA units and more options for air ducting routing ensures suitability to the most restricted, irregular-sized cabins to ensure dust laden air can be drawn through blower and dispursed around

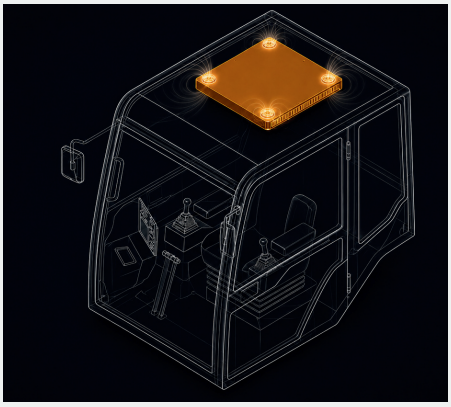
- 2 x different ceiling mounted HEPA unit options
- The narrow-bodied blower units enable positioning between seats and foot wells.
- Option to install automotive filter into the blower unit for multi-stage
- Omni-directional ports, and a flexible ducting allows multiple routing choices in tight areas.



KEY SYSTEM BENEFITS

No Drill Installation

4 x powerful magnetic mounts (140kg rating), firmly secure the 3kg HEPA unit. Enabling a fully removable installation & no permanent modification to the cabin structure.



Fan Speed Control

The speed of the recirculation blower fan is controlled by its own variable control inside the cabin, or you can integrate the recirculation blower seamlessly into the CleanCab Pressuriser fan control function.

Separate HEPA from HVAC

OEM air-con systems are built to move air through a low-resistance cabin filter, nothing denser. HEPA media resistance is far greater. The OEM air-con systems can't overcome it. Lower airflow across the evaporator reduces cooling performance. Under-cooled cabs in Australia create new risks for operators. CleanCab active recirculation keeps the two-circuits separate allowing each to perform at their best.

Why CleanCab is the No-Risk Choice

24/7 support
Troubleshooting guides & live help

Parts stocked across Australia
Made locally with next-day delivery parts availability

National technician network
Authorised installers across Australia

Extended HEPA Life
Multi-stage design allows longer HEPA life

Modular & repairable:
Replace only the failed part, not the whole unit

Find out more information