

Instant patient isolation

Wherever it's needed

PRODUCT BROCHURE



“The problem is that there is no easy isolation. With Rediroom you can create an effective isolation area and retain the flexibility to move it around anywhere. There’s no other product on the market that can do that.”

Dr. David Cooksley

Senior Emergency and Retrieval Physician –
Royal Brisbane & Women’s Hospital

REVOLUTIONARY DESIGN, RUGGED CONSTRUCTION

An 8-year collaboration between industrial designers, clinicians and infection prevention experts.

HEPA & carbon air filtration

Filters 99.5% of particles from infectious air

Raiseable window blinds

Lower for patient visibility or raise for privacy

Integrated PPE station

Everything you need, always at hand

Hands-free entry and exit

Reduce the risk of contact-spread infection

Easy decontamination

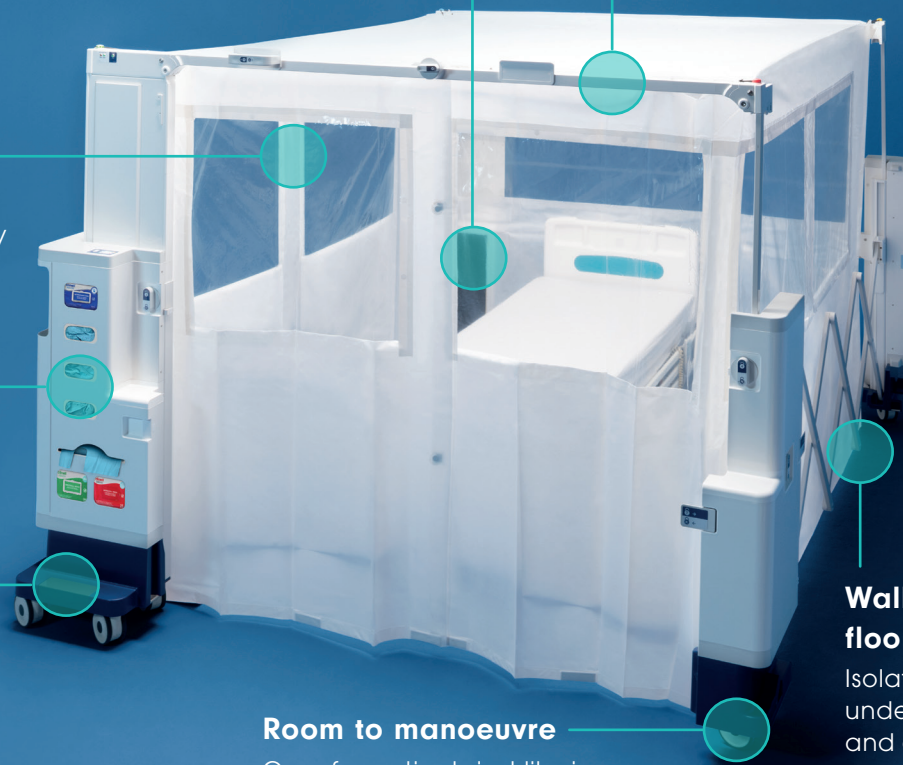
Collapsible canopies and easy-to-clean frame combine to allow effective terminal clean

Wall-to-floor seal

Isolate patients under contact and droplet precautions

Room to manoeuvre

Care for patients just like in a standard bed space¹



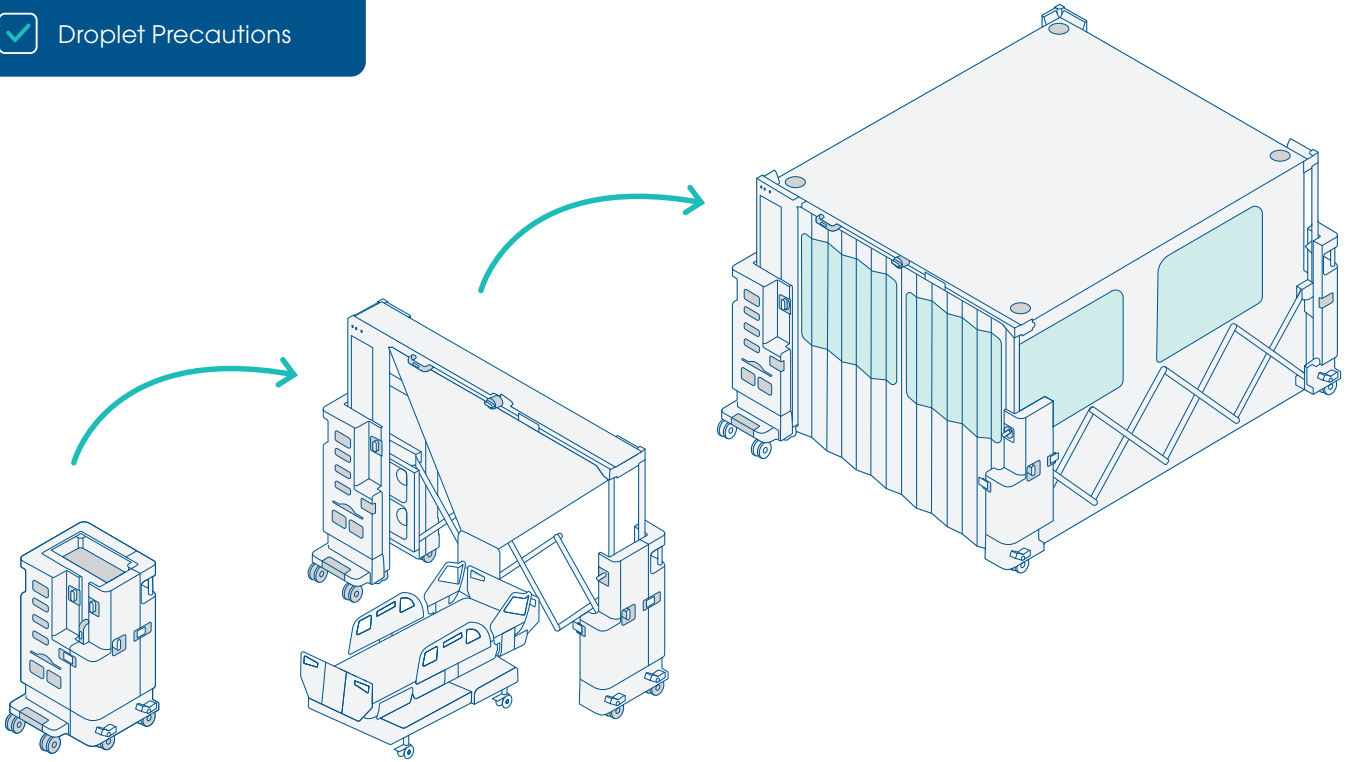
Scan me!

See Rediroom in action

FULLY OPERATIONAL IN LESS THAN 5 MINUTES

Suitable for:

- ✓ Contact Precautions
- ✓ Droplet Precautions



Rediroom, before assembly

Rediroom equips hospitals to isolate patients in a new way: by bringing the isolation room to them.

Assembled around a bedspace, by a single person, in less than 5 minutes.

Conforms to multinational infection prevention guidelines², providing effective contact and droplet isolation.

STOPPING THE SPREAD OF INFECTION

Rediroom contains an array of features to protect patients from contact or droplet pathogens.

Droplet spread (droplet precautions only):

Droplets spread up to a two-meter radius when colonised patients cough, sneeze or talk. Rediroom provides a physical barrier, as well as HEPA filtration to remove infectious droplets from the air before they return to the ward.

Rediroom contains a high-grade H12 air filter, that traps 99.5% of particles from as small as 0.3 micrometres. That's fine enough to physically trap bacteria, and efficient enough to filter more particles than an N95 respirator.

Common droplet pathogens include influenza, diphtheria, mumps, pertussis and meningococcus.

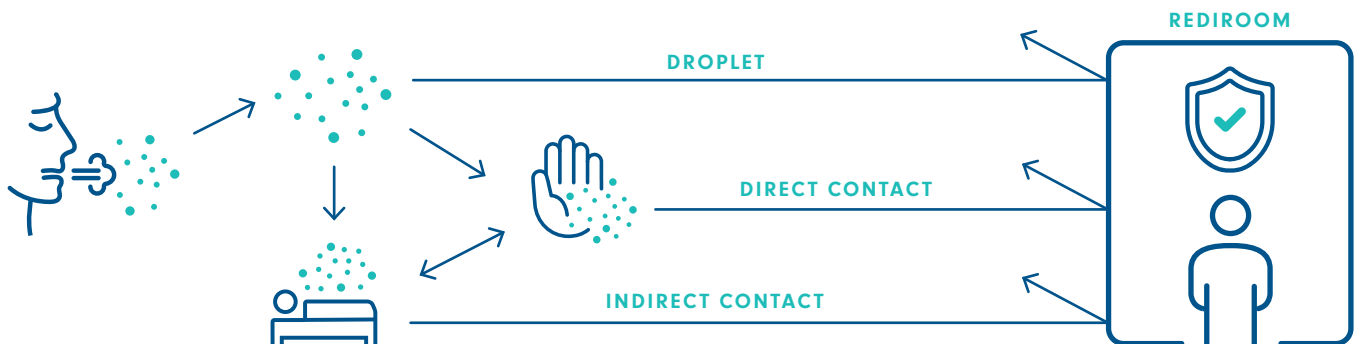
Direct & indirect contact spread (droplet and contact precautions):

A host of pathogens can spread via direct contact (typically through contaminated hands) or indirect contact (involving contaminated surfaces).

Placing infectious patients within a Rediroom creates a physical separation to disrupt direct contact. The hands-free entry and exit helps reduce hand contamination. In-built PPE station promotes best practice, putting protective equipment, hand hygiene and surface disinfectants all at the point of use.

Common contact pathogens include MRSA, *C.difficile*, CPE and other MDR Gram-negative organisms.

Figure 1: shows the common routes of spread for droplet and contact pathogens. Pathogens can spread via droplets, contaminated hands (direct contact) or contaminated surfaces (indirect contact). Adapted from Otter et al³



CARE AND CAPACITY

Rediroom provides ample space for staff to carry out patient care.

When used on a ward, staff were able to perform tasks just as they would in a standard bed space on an open ward¹.

In addition, Rediroom can be deployed in a range of situations:

Hospital settings

Multi-bed wards, emergency departments, ICUs, dialysis departments, ambulatory day care units, recovery units, triage areas.

Other settings

Aged-care settings, outbreak situations, airports and military facilities.



Inside Rediroom, easy patient care

About GAMA Healthcare

Rediroom is designed and developed by GAMA Healthcare – infection prevention specialists, and providers of Clinell Universal Wipes.

For more information, a product demonstration, or advice about how you could implement Rediroom in your organisation, speak to your local GAMA Healthcare Sales Manager, or visit rediroom.com.au

Product codes:

| Product | Code* |
|-------------------------|-----------------|
| Rediroom Cart | RED1TAUS |
| Rediroom Canopy | REDICAN1AUS |
| Rediroom Canopy (small) | REDICAN1AUS-S40 |

* Please contact your local GAMA representative for the Rediroom Cart product code for your country.

References:

¹ Mitchell et al. *Am J Infect Control*. 2017;45(11):1231-7

² Mitchell et al. *Infect Dis Heal*. 2017;22(3):129-135.

³ Otter et al. *J Hosp Infect*. 2016;92(3):235-250.



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GHA2010011

Instant air purification

Clean air where and when you need it



from the makers of
clinell®

 **rediair**™

SIMPLE BUT POWERFUL AIR PURIFICATION

Pathogens, particulates and odours linger in poorly ventilated spaces. Breathing, talking and coughing can spread pathogens (such as influenza or coronavirus) via the generation of aerosols or droplets, which can remain in the air for over an hour¹. That's why we created Rediair.



10x more effective than HEPA 13

At the heart of Rediair are two carbon composite HEPA 14 filters that work in tandem with the dual centrifugal intake fans and easy-to-clean nylon pre-filters to capture particulates, odours and 99.995% of airborne pathogens.



High clean air delivery rate

Due to its dual-intake filtration system, Rediair has an exceptionally high clean air delivery rate (CADR) of up to 600m³/h. Despite its small size, a single unit provides effective ventilation for rooms up to 120m³.



Ultra quiet

Rediair is surprisingly quiet when in normal use. Featuring multiple speed settings, Rediair is a powerful air filtration unit designed to operate without causing distraction

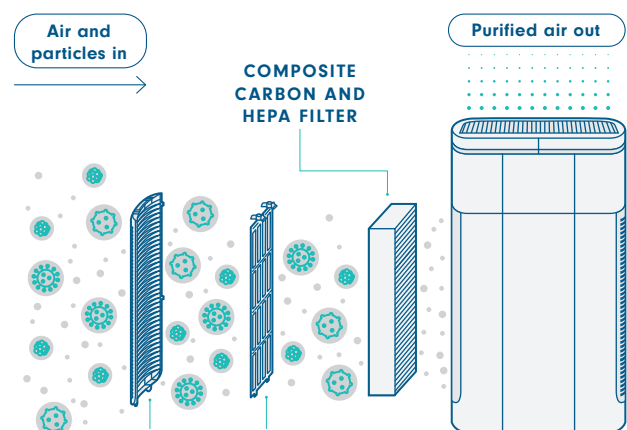
Just plug in, turn on and Rediair starts trapping airborne contaminants right away.



Rediair is incredibly simple to use but, within its compact shell, many complicated systems work together to capture aerosols, particulates and odours in the surrounding air.

Seconds after activation, contaminated air is drawn through 3 layers of filtration. The nylon pre-filter, composite carbon and HEPA 14 filters capture particulates as small as 0.3µm and expel purified air back into the room, providing up to 5 air changes an hour within a space up to 120m³.

This includes: airborne pathogens (bacteria, fungi and viral aerosols), fine and ultra-fine particles, dust, mites, odours and pet dander.



DYNAMIC DECONTAMINATION

Built around dual HEPA 14 and carbon composite filters, RediAir begins to decontaminate a room's air almost instantly. Plug in, select your mode and let RediAir do the rest; it's that simple. Adaptable to many different situations, RediAir has four operating modes to choose from:



1. Automatic mode

When set to automatic mode, RediAir uses intelligent particulate sensing to detect air quality and automatically adjust fan speed to effectively remove contaminants whilst displaying the current air quality via its LED air quality indicator.

2. Manual mode

Offering complete control, RediAir's manual mode allows you to tailor its operating parameters to whatever situation you need it for. Navigating through its simple digital display to select fan speeds, operating times and light modes, RediAir offers you quick and simple to use air purification.

3. Turbo mode

Turbo mode spins both centrifugal intake fans at top speed, significantly increasing its clean air delivery rate (CADR) to 600m³/h, removing contaminants more quickly and effectively.

4. Night mode

When set to night mode, RediAir uses a built-in light sensor to monitor the room's light. When light levels fall, RediAir will switch off all LEDs and displays and lower fan speeds to provide near-silent purification throughout the night.

Dynamic decontamination

Designed to operate on adjustable turbo, sleep and automatic modes

LED indicator

Colour change LED indicator shows you the air quality of a room immediately

Dual HEPA 14 filters

Featuring a composite carbon layer, RediAir's dual HEPA 14 filters are 10x more effective than domestic HEPA 13 filters



Digital display

User-friendly display for setting airspeeds, timings and child lock settings

Intelligent particulate sensor

Auto mode monitors in real time and adjusts fan speed to maintain air quality

Dual centrifugal fans

Dual fans and sealed brushless motors provide exceptionally high clean air delivery rate (CADR) of up to 600m³/h

BROUGHT TO YOU BY GAMA HEALTHCARE

Rediair is brought to you by GAMA Healthcare Australia – infection prevention specialists and makers of Clinell Universal Wipes. For more information, a product demonstration of Rediair in your organisation, speak to your local GAMA Healthcare Sales Manager or visit gamahealthcare.com.au/rediair

| PRODUCT NAME | PRODUCT CODE |
|--------------------------|--------------|
| Rediair (AUS) | RAIR-AUS |
| Replacement Filter Units | RAIR-S01 |

References:

- 1 De Oliveira PM, Mesquita LCC, Gkantonas S, Giusti A, Mastorakos E. Evolution of spray and aerosol from respiratory releases: Theoretical estimates for insight on viral transmission. Proc R Soc A Math Phys Eng Sci. 2021;477(2245). doi:10.1098/rspa.2020.0584

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