

FOR THE SPECIFIER

A GUIDE TO R32 VRF SAFETY MEASURES

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INTRODUCTION

The global imperative to achieve Net Zero greenhouse gas emissions by 2050 is central to the fight against climate change. This goal, affirmed in the UN’s Paris Agreement and supported by nearly 200 nations, aims to limit global temperature rise to below 2°C above pre-industrial levels.

Among the sectors facing the greatest decarbonisation challenges is the heating and cooling sector, where commercial buildings remain significant contributors to CO₂ emissions. At Mitsubishi Heavy Industries (MHI), sustainability is not just a goal – it’s a commitment. Through our “MISSION NET ZERO” initiative, MHI has pledged to achieve carbon neutrality across its operations by 2040 – ten years ahead of the global benchmark. As a technology leader with a proven track record in decarbonisation, MHI is actively driving innovation to support a low-carbon future. Our strategy includes offering solutions that reduce emissions across the entire value chain, from manufacturing to end-user applications. While progress has been made through cleaner energy sources and improved building performance, transformative change in HVAC technologies is essential. One of the most impactful shifts lies in the adoption of low-GWP refrigerants.

A key component of this strategy is the transition to environmentally responsible refrigerants. For decades, R410A has been the standard in VRF systems. However, its high Global Warming Potential (GWP) of 2,088 makes it incompatible with long-term climate goals. R32 – also known as difluoromethane – emerges as a compelling alternative. As a single-component hydrofluorocarbon with a GWP of just 675 (less than one-third of R410A), R32 aligns with global sustainability objectives and the phasedown targets set out in the F-Gas Regulation (EU) 2024/573. Importantly, R32 is not a temporary solution. MHI’s VRF systems are engineered for long-term compliance, designed to meet evolving standards – including the ban on R410A for over 12 kW by 2029, and the full phase-out of F-gases by 2033. This future-proof approach ensures that investments made today remain viable amid evolving environmental regulations.



Beyond regulatory alignment, R32 offers tangible performance advantages. It delivers higher energy efficiency, superior heat transfer, and requires a lower refrigerant charge per kW – translating to reduced operational costs and emissions. Classified as A2L (mildly flammable at high concentrations in accordance with ISO 817 standard), R32 has a well-established safety record, with over 10 years of successful use in air conditioning systems worldwide. Most installers are already trained and experienced in its safe handling. R32 also supports circular economy principles. As a single-component refrigerant, it is easier to reclaim and recycle – eliminating the need for complex separation processes. This simplifies retrofitting and end-of-life system management, further enhancing its environmental credentials.

This guidebook is designed to equip consultants, specifiers, and engineers with the knowledge and best practices needed to safely design, install, and maintain MHI R32-based VRF systems. By embracing this next-generation refrigerant, we take a decisive step toward a more sustainable built environment.

By integrating MHI’s advanced air conditioning technologies, intelligent control systems, and robust compliance tools, you’re not only ensuring regulatory readiness – you’re helping shape the future of HVAC. Together, we can turn today’s challenges into tomorrow’s opportunities, driving the industry toward greater sustainability, efficiency, and innovation.

SAFETY CONSIDERATIONS

When R32 is used in air-conditioning systems, it is essential to conduct thorough safety checks and risk assessments to mitigate potential hazards related to both flammability and toxicity.

MHI recommends adhering to the following standards to ensure safe and compliant system design and operation. These standards provide the framework for evaluating refrigerant safety in various operating environments. EN 378 focuses on system safety and environmental

exposure, while IEC 60335-2-40:2018, ed 6.0. specifically addresses product-level safety for electrical heat pumps, air conditioners, and dehumidifiers, and takes precedence over EN 378 in matters of flammability assessment.

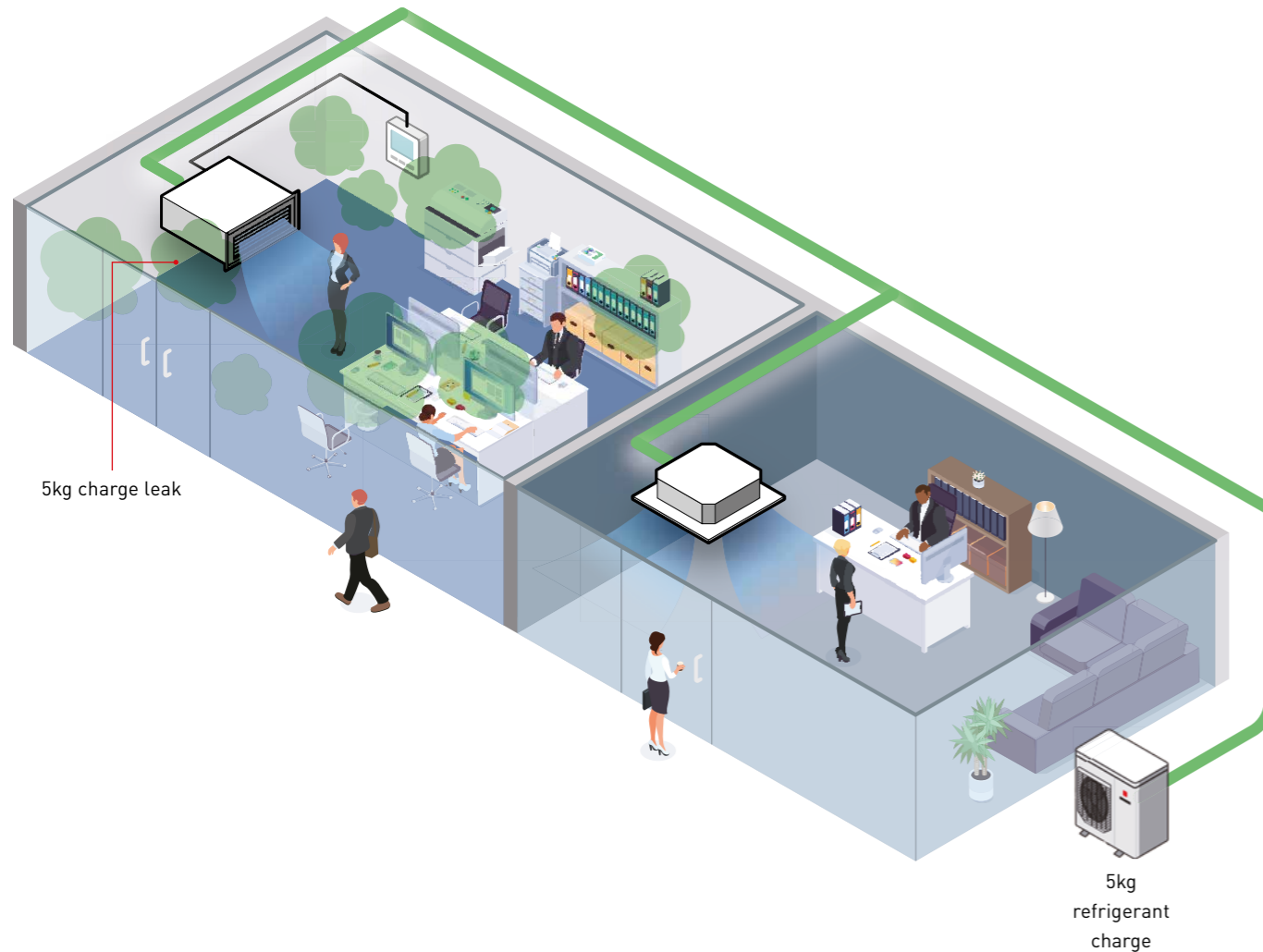
Risk type	Applicable standard	VRF R32	VRF R410A
Toxicity	EN 378-1:2016 + A1:2020	✔ Yes	✔ Yes
Flammability	IEC 60335-2-40:2018, ed 6.0.	✔ Yes	✘ No

In accordance with IEC 60335-2-40:2018, ed 6.0., MHI's VRF R32 systems are classified as **Enhanced Tightness Refrigeration Systems (ETRS)**. This designation reflects the advanced engineering and rigorous testing protocols applied to MHI products, ensuring

high system integrity and reliability. While ETRS classification reduces the likelihood of leaks, a comprehensive risk assessment is still essential to ensure safe operation. The following key factors must be considered when evaluating flammability risk.

Total system refrigerant charge

All outdoor units, indoor units, and interconnecting piping must be considered. In the event of a leak, the entire system charge could potentially be released into a single room. Accurate charge calculation is critical to ensure compliance with safety thresholds.



Potential source of leakage

While the indoor unit heat exchanger is identified by the standard as the primary leakage point, other components must also be assessed:

- **Refrigerant piping and connections**, especially if unprotected or accessible to the public.
- **Outdoor units**, if installed indoors or in enclosed spaces.

Requirement

Outdoor unit

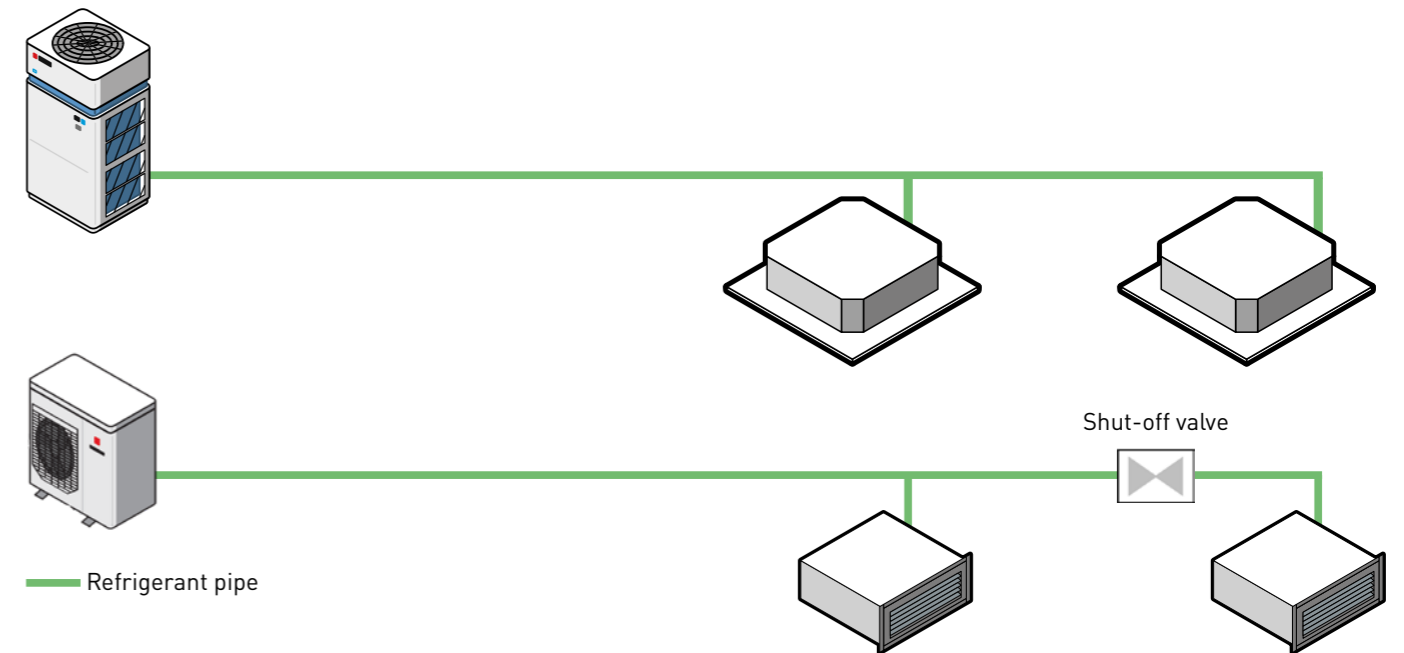
It must not be installed in occupied spaces

Local pipe

- Permanent joint (brazing)
- Mechanical joint (flare) in compliance with ISO 14903
- Pipes in the occupied space should be installed in such a way that they are protected against accidental damage

Machinery room installation

When installing the outdoor unit in a machinery room or a confined indoor space, first refer to our Databook for detailed requirements on installation locations and service clearances. ISO 5149-3:2014 also provides additional guidance on machine room installations, including safety measures.

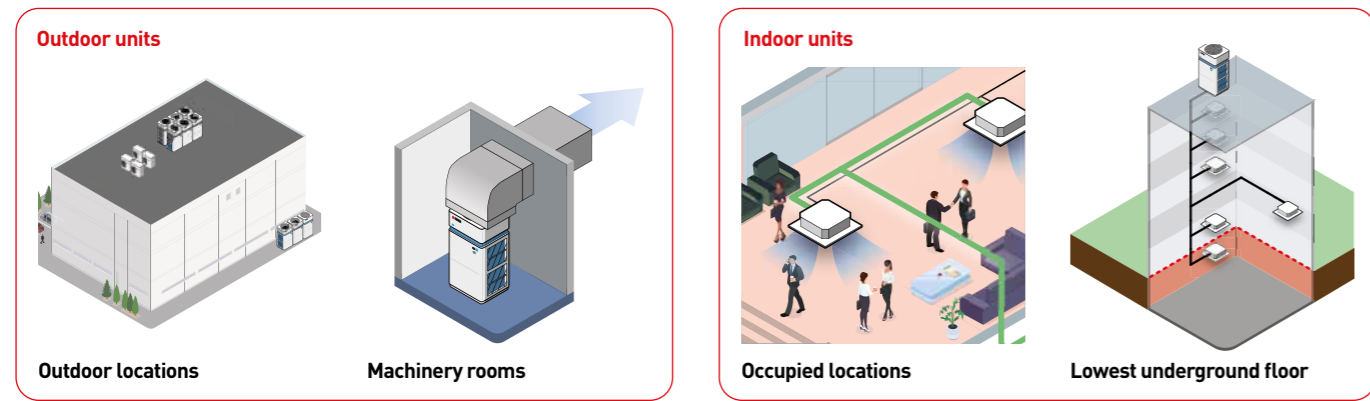


MHI classifies the following as potential leakage points:

- Indoor unit heat exchanger
- Inlet & outlet on ductwork (ducted type indoor units only)
- Pipework not protected from potential damage – during normal operation, service or maintenance
- Bends with the centerline bend radius less than 2.5 times the external pipe diameter

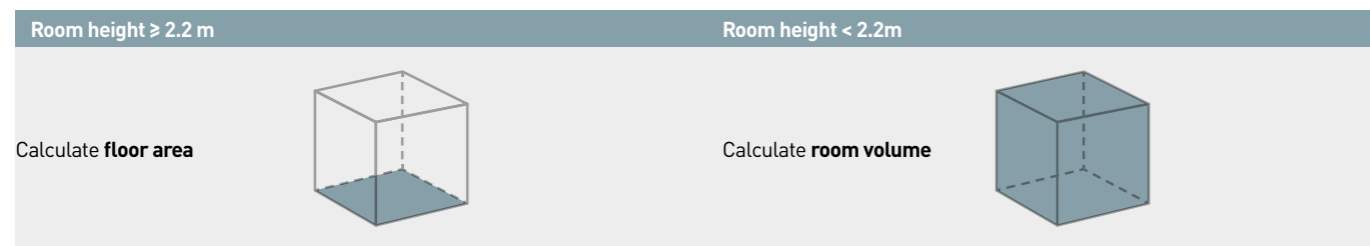
Installation location

The risk profile varies significantly depending on where the system is installed. Occupied spaces, outdoor areas, machinery rooms, or lowest underground floors; each location type may require different mitigation strategies.



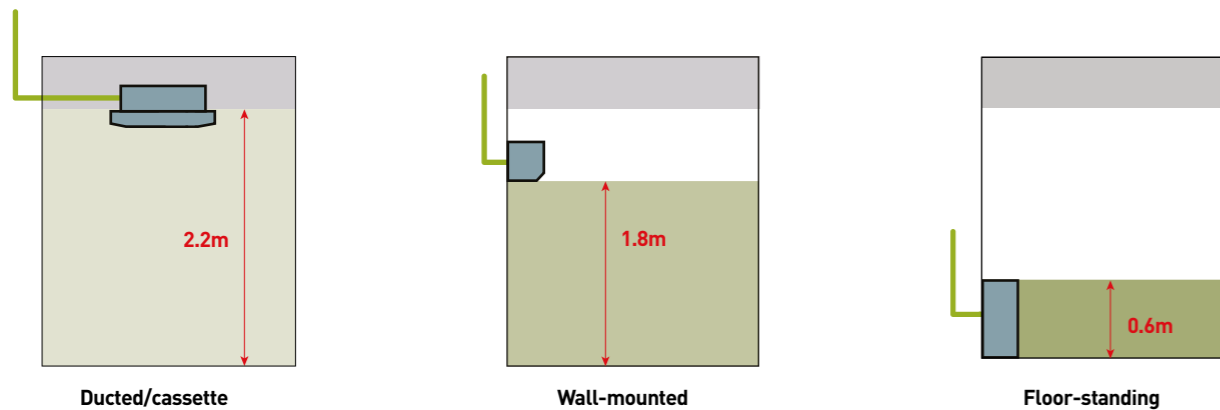
Room dimensions

Room geometry influences how refrigerant disperses. If the room height > 2.2 m, the floor area is used for charge limit calculations while if room height < 2.2 m, the room volume is considered.



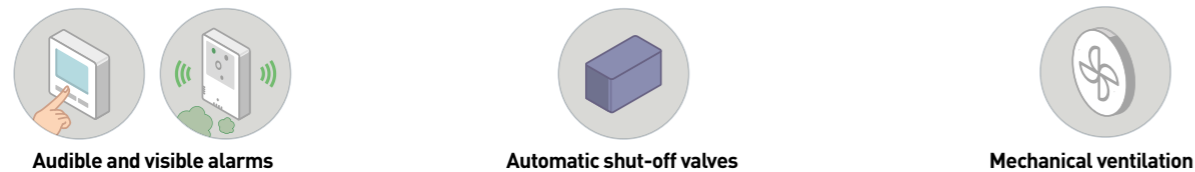
Indoor unit installation height

Since R32 is heavier than air, the installation height of the indoor unit affects the potential concentration of leaked refrigerant near the floor. Lower installations may increase the risk of accumulation.



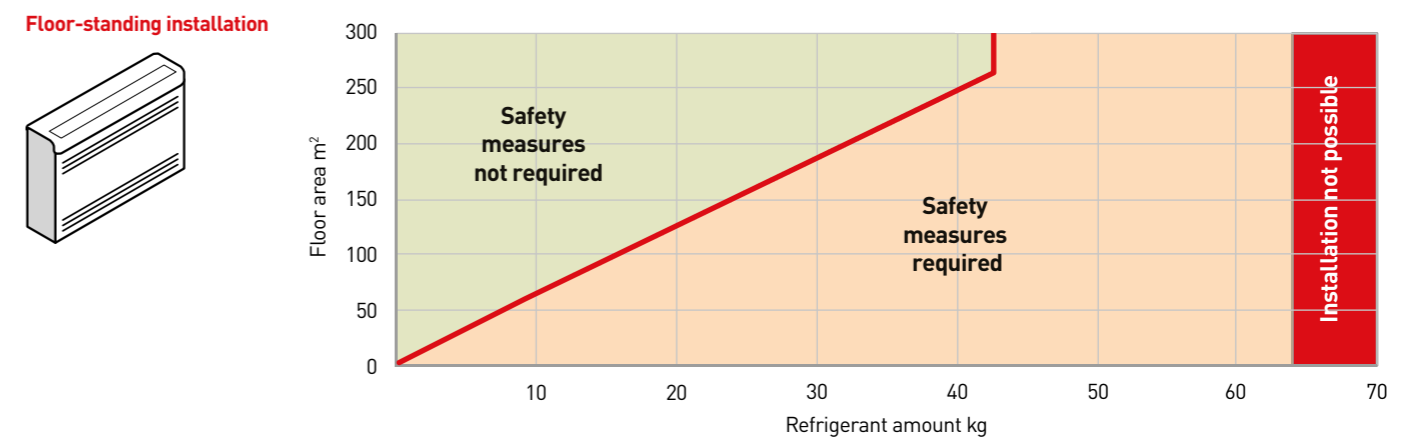
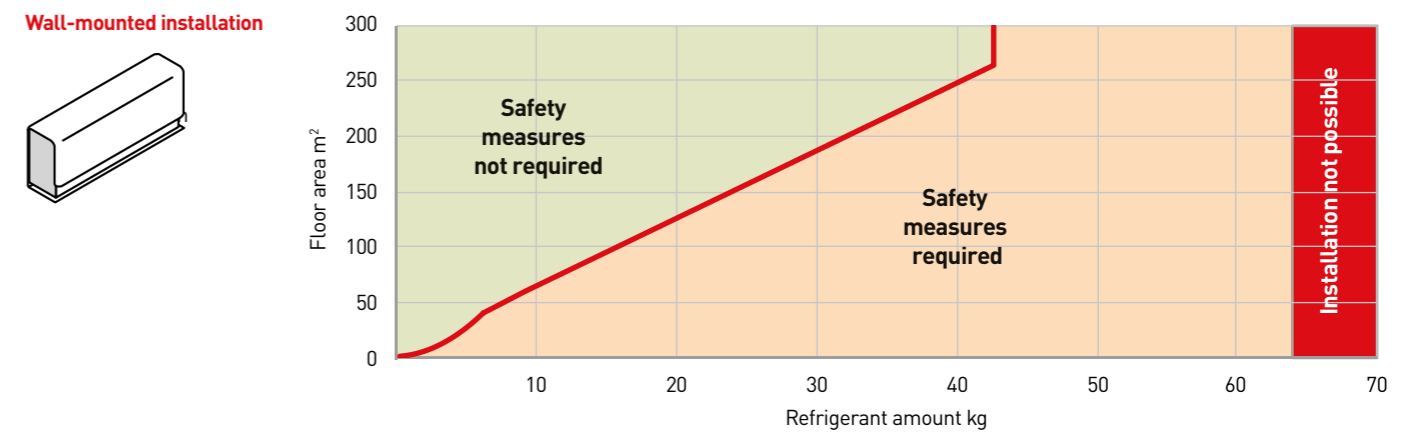
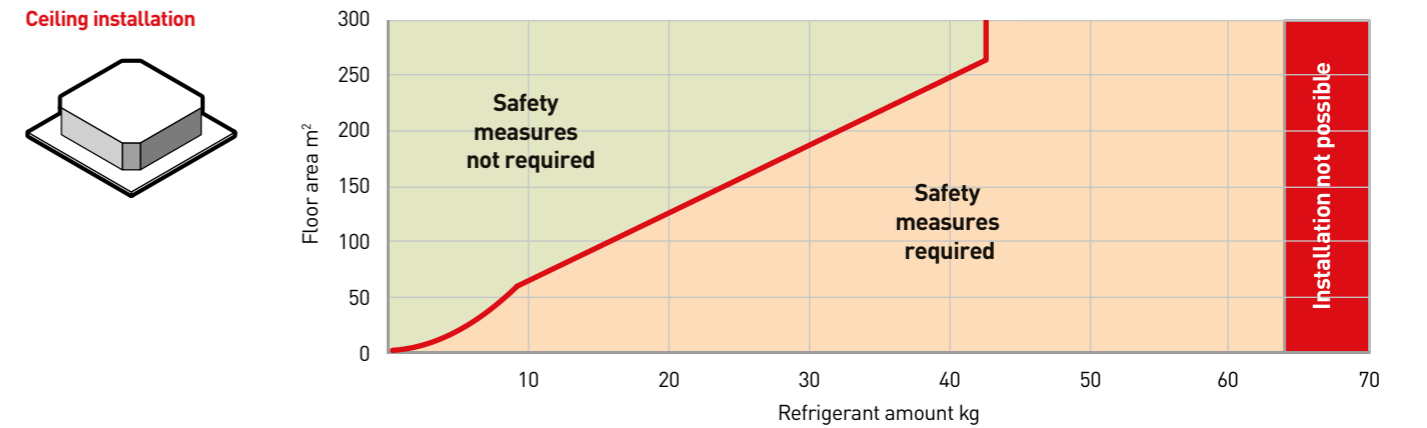
Safety measures

To mitigate flammability risks, the following safety systems should be considered:



Note: Leak detectors alone are not considered safety measures under the IEC 60335-2-40:2018, ed 6.0. standard. They must be used in conjunction with alarms, shut-off valves, or ventilation systems to be effective.

By taking all these key factors into account, engineers and specifiers can confidently determine whether additional safety measures are required – ensuring both regulatory compliance and occupant protection. The illustration below provides a simplified reference for assessing safety needs in occupied spaces, based on system refrigerant charge and room size. It considers typical installation heights for ceiling units (2.2 m), wall-mounted units (1.8 m), and floor-standing units (0.6 m).



In our daily lives, we safely interact with flammable and potentially hazardous substances – like cooking with gas stoves, refuelling at petrol stations, or using aerosol sprays – because these products are designed with safety in mind and follow strict regulations. In the same way, R32 VRF systems, when properly evaluated and installed, deliver safe, energy-efficient, and environmentally conscious climate control solutions.

Household item	Inherent risk	Safety measure	R32 parallel
Gas stove	Gas leaks	Extractor fans, gas detectors, alarms, flame failure safety device	Leak detectors, shut off valves, ventilation
Petrol station	Gas leaks	Clear label warning, safety zone, handling protocol	Natural ventilation (outdoors), F-gas training
Cleaning products	Toxic fumes	Child locks, clear label warnings, tighter caps	ETRS, clear labelling on the outdoor unit.

If your engineers are already F-gas qualified, you do not require additional training. As a manager, owner, or director, you could consider taking voluntary training on A2L refrigerant awareness.

OUTDOOR UNITS

The KXZ series is MHI's flagship 2-pipe VRF solution, engineered for environments where reliability, energy efficiency, and long-term performance are essential. Its heat pump design delivers heating or cooling across all indoor units, making it versatile for a wide range of applications. With industry-leading energy efficiency, the MHI KXZ line-up features R32 refrigerant, optimised heat exchangers, and a next-generation compressor

delivering unmatched performance even in extreme temperatures. The system's compact footprint, flexible piping and ability to combine three outdoor units for greater capacity simplify installations in space-constrained sites. Advanced diagnostics and long component lifespans ensure minimal downtime. Whether retrofitting an existing system or designing a new one, the KXZ offers a reliable and future-ready solution.

4HP	5HP	6HP	8HP	10HP	12HP	14HP	16HP	18HP	19HP	20HP	22HP	24HP
12.1kW	14kW	15.5kW	22.4kW	28kW	33.5kW	40kW	45kW	50kW	53kW	56kW	61.5kW	67kW
												
FDC121-155	FDC224-335	FDC400-500				FDC530-670						

 **Combination units offer upwards of 201kW (72HP) systems – the largest on the market**

KXZ VRF series delivers one of the highest capacity 2-pipe systems on the market with exceptional cooling/heating performances, suitable for all commercial installations looking to lower their carbon footprint for applications such as but not limited to:



Transport



Medical



Schools & universities



Offices



Government



Hotels



Retail



Gym & leisure



Industrial



Heritage

Eco-driven

Built for R32 refrigerant – up to 70% lower GWP vs. R410A

Optional safety features

Available only where required – simplifies compliance without inflating costs

Peak efficiency

SEER up to 9.16 / SCOP up to 4.82

High capacity

Up to 67kW (24HP) with single module; up to 201kW (72HP) in combined modules

Wide operating range

Reliable performance from: KXZ3: -25°C to 52°C KX Micro: -20°C to 43°C

VTCC+ smart control

Real-time refrigerant pressure adjustment for energy savings and comfort

Low noise levels

4 selectable sound levels for quiet operation in urban or residential settings

Space saving design

Uniform height across all KXZ3 sizes for seamless integration

Blue Fin anti-corrosion

Coated fins resist harsh weather and extend unit life

Safety Reminder: Always ensure outdoor units are installed in well-ventilated areas, away from ignition sources, and in compliance with local safety regulations. R32 systems must be handled by certified professionals

INDOOR UNITS

Type	Model (HP)	0.5	0.8	1	1.25	1.6	2	2.5	3.2	4	5	6	8	10
		Model (kW)	1.5	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0	22.4
Ceiling cassette	 FDT 4 way cassette			✓	✓	✓	✓	✓	✓	✓	✓	✓		
	 FDTC 4 way compact	✓	✓	✓	✓	✓	✓							
	 FDTW 2 way cassette			✓		✓	✓	✓	✓	✓	✓			
	 FDTS 1 way cassette					✓		✓						
	 FDTQ 1 way compact		✓	✓	✓									
Ducted	 FDU High static					✓	✓	✓	✓	✓	✓	✓	✓	✓
	 FDUM Low / middle static		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	 FDUT Low static	✓	✓	✓	✓	✓	✓	✓						
	 FDUH Compact		✓	✓	✓									
Wall mounted	 FDK	✓	✓	✓	✓	✓	✓	✓	✓					
Ceiling suspended	 FDE				✓	✓	✓	✓		✓	✓			
Floor standing	 FDW 2 way			✓		✓	✓							
	 FDL with casing							✓						
	 FDU without casing			✓		✓	✓	✓						

Flexible accessories

Each unit supports a wide range of accessories, including thermal and motion sensors, as well as advanced filtration options for allergens and pollutants

Bluetooth® compatible

With the RC-ES1 controller, units can be Bluetooth® enabled for smartphone pairing. This allows real-time alerts, multi-room adjustments, energy monitoring, and system optimisation via an intuitive app interface

CNT connectivity

Input/output dry contacts enable integration with third-party systems such as hotel keycard controls – no additional wiring required

Easy installation

Designed for quick setup and low maintenance, with flexible mounting options and accessible components

Safety Reminder: Indoor units using R32 refrigerant must be installed by certified professionals in accordance with local safety regulations. Always ensure that units are positioned to allow safe servicing access and that clients are informed about routine maintenance requirements.

SAFETY MEASURES

Safety is central at Mitsubishi Heavy Industries, achieved with precision rather than over-engineering. Our approach is built around **cost-effective** compliance, ensuring that safety features are implemented only where necessary. This philosophy helps avoid unnecessary complexity and keeps your project efficient, flexible, and budget-conscious. We believe in giving you complete control over your system design. Whether you are working on a compact retrofit or a large-scale commercial installation,

you decide where to include leak detectors, alarms, or shut-off valves – based on actual risk, not rigid system templates. This flexibility allows you to meet safety standards without inflating costs or compromising on design freedom. By offering a modular safety approach, MHI empowers you to tailor each project to its unique requirements – maximising both **installation efficiency and long-term maintainability**. Safety should support your design, not restrict it.



Refrigerant leak detector & safety alarm – RLD-KIT-E

The **RLD-KIT-E** is a compact, high-precision safety device designed to meet compliance requirements with minimal complexity. Classified as both a **leak detector and safety alarm**, it provides a complete solution when only one safety measure is required – ideal for streamlined installations.

- **Integrated safety alarm:** A built-in 65 dB alarm + red LED alert activates automatically upon leak detection, qualifying the unit as a full safety measure under IEC 60335-2-40:2018, ed 6.0. standard.
- **Compact & discreet:** Measuring just 159 × 100 × 28 mm (H × W × D), the unit fits seamlessly into any indoor environment without compromising performance.
- **Advanced detection technology:** Utilises MPS (Molecular Property Spectrometer) technology to identify R32 molecules with high accuracy, eliminating

false alarms from aerosols or other contaminants.

- **Grouping flexibility:** A single detector can monitor multiple indoor units within a 10-metre radius, reducing the need for multiple devices and lowering overall project costs.
- **System integration:** Fully compatible with MHI's R32 VRF systems, ensuring smooth operation and communication.
- **Plug-and-play setup:** Connects directly to indoor units or remote controllers via the XY Line for fast, hassle-free installation.
- **Long-term reliability:** Designed for a 15-year lifespan with no recalibration or post-leak replacement required – minimising maintenance and ensuring peace of mind.



Shut-off valve kit – SV-KIT-(S/L)1N-E

The shut-off valve kit is a specialised safety device designed to isolate refrigerant flow in the event of a leak. This measure is typically required in high-charge systems installed in small spaces, where refrigerant concentration could exceed safety thresholds. Its use is reserved for scenarios where enhanced containment is essential for compliance and occupant protection.

- **Automatic isolation:** Immediately shuts off refrigerant flow during a leak, isolating the affected section of the system to prevent further discharge.
- **Tentative operation:** Unaffected rooms remain operational during a leak event, maintaining comfort where possible (subject to system configuration).
- **Seamless integration:** Connects directly to the main indoor unit for power and communication – no external wiring required.

- **Compact & lightweight:** Weighing just 9.0 kg with dimensions of 254 × 489 × 297 mm, the unit is easy to install in tight spaces.

Flexible grouping:

- **SV-KIT-S1N-E (small model)** protects up to 6 indoor units (<9.0 kW)
- **SV-KIT-1LN-E (large model)** supports up to 18 indoor units (9.1–28.0 kW)

Installation ready:

- **Gas pipe:** Ø15.88 mm (5/8") flare + adapters for larger sizes
- **Liquid pipe:** Ø9.52 mm (3/8") flare + adapters for larger sizes

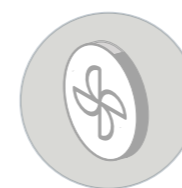


Safety alarm & remote controller – RC-ES1 / RC-EX3D

The **RC-ES1** and **RC-EX3D** remote controllers have been upgraded with enhanced hardware and software to support integrated safety alarms and detailed error code reporting. These features make them ideal for installations requiring multiple alarm points, offering both convenience and compliance in a single interface.

- **Integrated safety features:** 60dB audible alarm + orange LED alert immediate leak detection warnings and can be easily set via the remote interface (RC-EX3D) or M-Air Pro app (RC-ES1).
- **Compact & stylish touch display:** At just 86x86x17mm (RC-ES1) and 120x120x19mm (RC-EX3D), these sleek remotes blend seamlessly into modern interiors with its minimalist, sophisticated design, perfect for hotels or offices

- **Smart connectivity:** XY line manages and controls up to 16 indoor units effortlessly. Bluetooth®, pair with your smartphone for real-time alerts on system issues or leaks.
- **Simplified icons:** Intuitive interface for effortless user navigation.
- **Hassle-free installation:** Split casing design enables upper and lower cases to snap together in seconds for a flush, professional finish.



Ventilation – third party only

Mitsubishi Heavy Industries recognises that many buildings already incorporate ventilation alongside air conditioning systems. MHI R32 VRF systems are designed to integrate seamlessly with both existing and third-party ventilation setups, ensuring compliance with IEC 60335-2-40:2018, ed 6.0. standard while helping to minimise installation and operational costs.

Mechanical Ventilation

To qualify as a safety measure, ventilation must operate continuously – except during maintenance or servicing – or be interlinked with leak detection systems. When connected via CNT dry contact, leak detectors can automatically activate ventilation in response to a refrigerant leak.

A minimum airflow rate of 132 m³/hr is required to effectively disperse refrigerant and be classified as a compliant safety

measure. Ventilation openings must connect to either the outdoors or a sufficiently large space where refrigerant cannot accumulate to unsafe levels. For optimal air circulation, the upper end of the ventilation opening should be positioned below or level with the lower edge of the indoor unit.

For detailed installation guidance, refer to the Safety Measures Databook.

INSTALLATION SCENARIOS

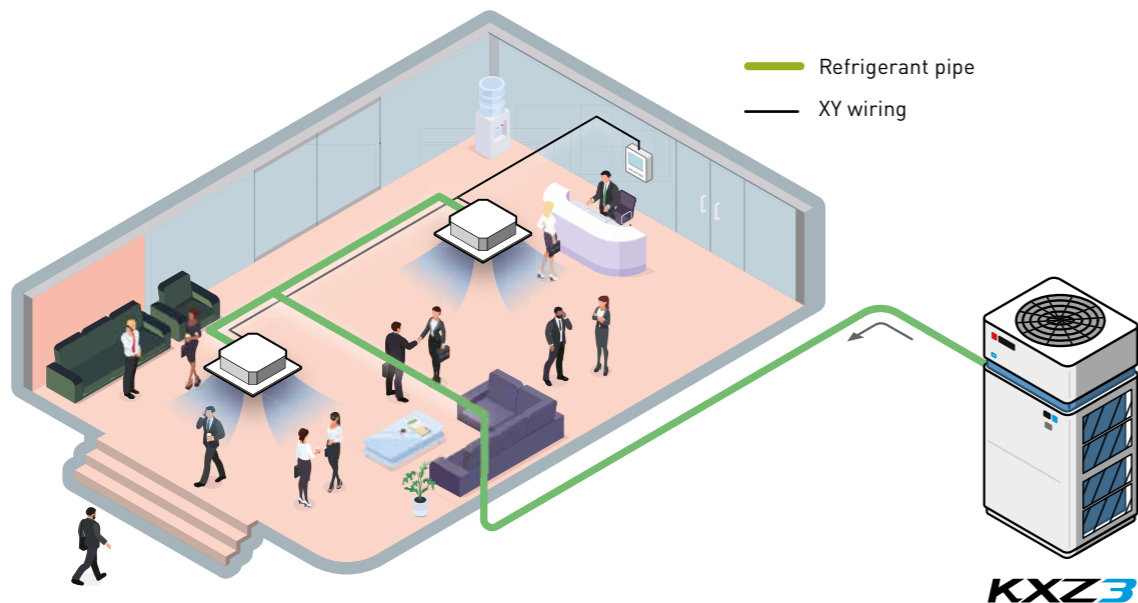
Every project is unique, and Mitsubishi Heavy Industries understands that safety requirements can vary depending on system size, room volume, and building design.

That's why MHI R32 VRF systems are built with flexible safety configurations, allowing for tailored solutions that meet compliance standards without unnecessary complexity or cost. Whether a project requires safety measures or not, MHI provides the tools and technologies to support it. The following scenarios illustrate how safety measures can be applied in real-world installations – ensuring peace of mind, regulatory compliance, and design freedom across all building types.



SCENARIO 1: No safety measure

In scenarios where no additional safety measures are required, users benefit from a streamlined system design with lower installation costs, reduced complexity, and faster project turnaround. It's an ideal solution for low-risk environments where efficiency and simplicity are key.



SCENARIO 2: One safety measure

When a single safety measure is required, MHI's leak detector RLD-KIT offers a simple, cost-effective solution. It combines leak detection and alarm functionality in one compact unit, that is easy to install and maintain. For users, it ensures compliance without overengineering. For installers, it reduces component count and wiring complexity. Even better, the RLD-KIT can be grouped to monitor multiple indoor units within a radius of up to 10 metres – further reducing installation costs and long-term maintenance requirements.

One RLD-KIT for each indoor unit



Grouping with only one RLD-KIT



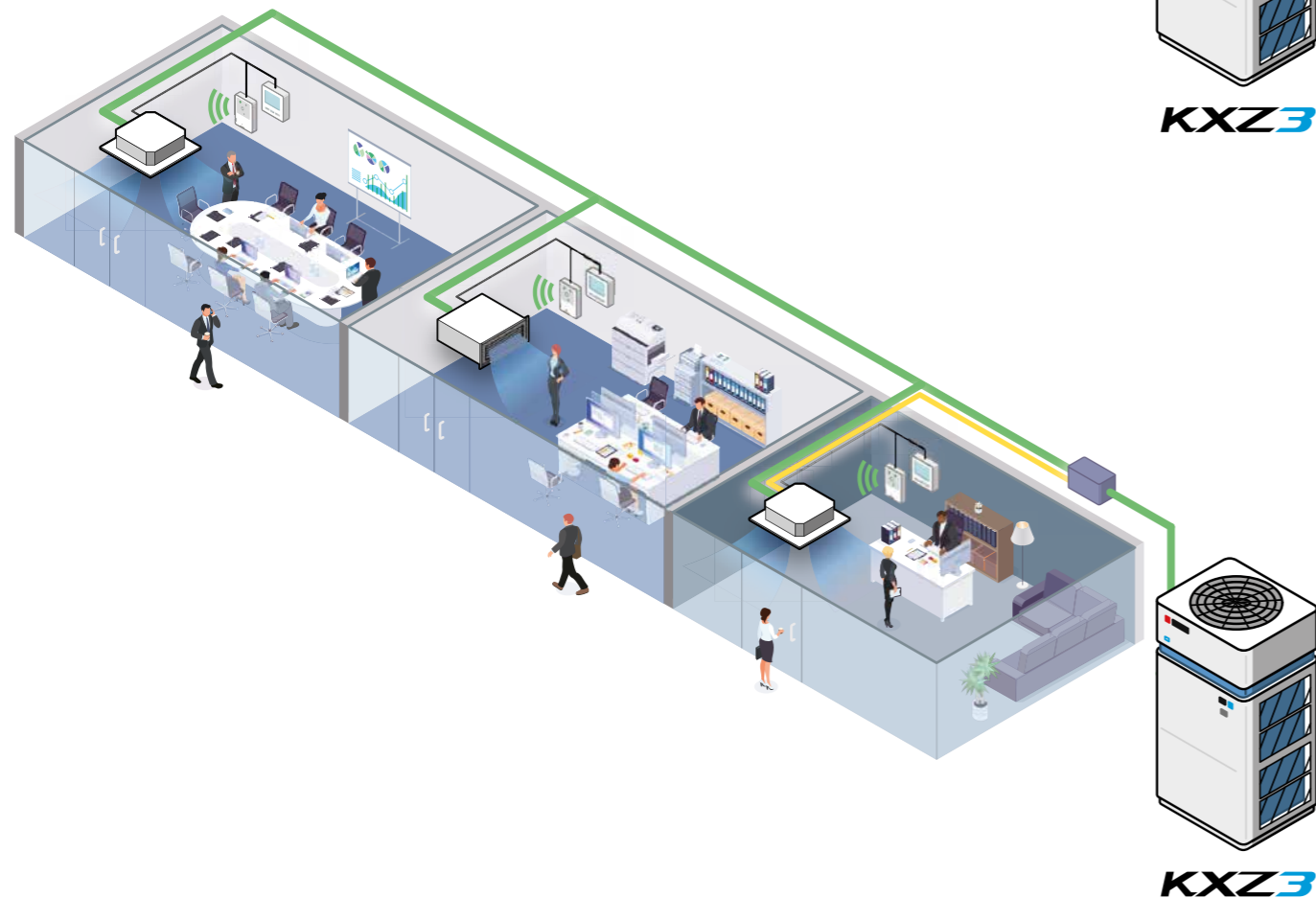
SCENARIO 3: Two safety measures

In higher-risk scenarios, combining the MHI leak detector RLD-KIT with MHI shut-off valve (SOV) kit provides robust protection and full compliance. The RLD-KIT provides precise leak detection and alarm activation, while the shut-off valve isolates refrigerant flow to prevent further discharge. Both components are designed for ease of integration and long-term reliability. Importantly, the SOV can also be grouped – allowing a single valve to protect multiple indoor units even if there are in different rooms, which reduces hardware requirements and installation costs. Where appropriate, mechanical ventilation may be used as an alternative to the SOV, offering additional flexibility in system design. This approach ensures safety without compromising efficiency or budget

One shut-off valve for each indoor unit



Grouping with only one shut-off valve



Final optimised system



Special occupancy considerations

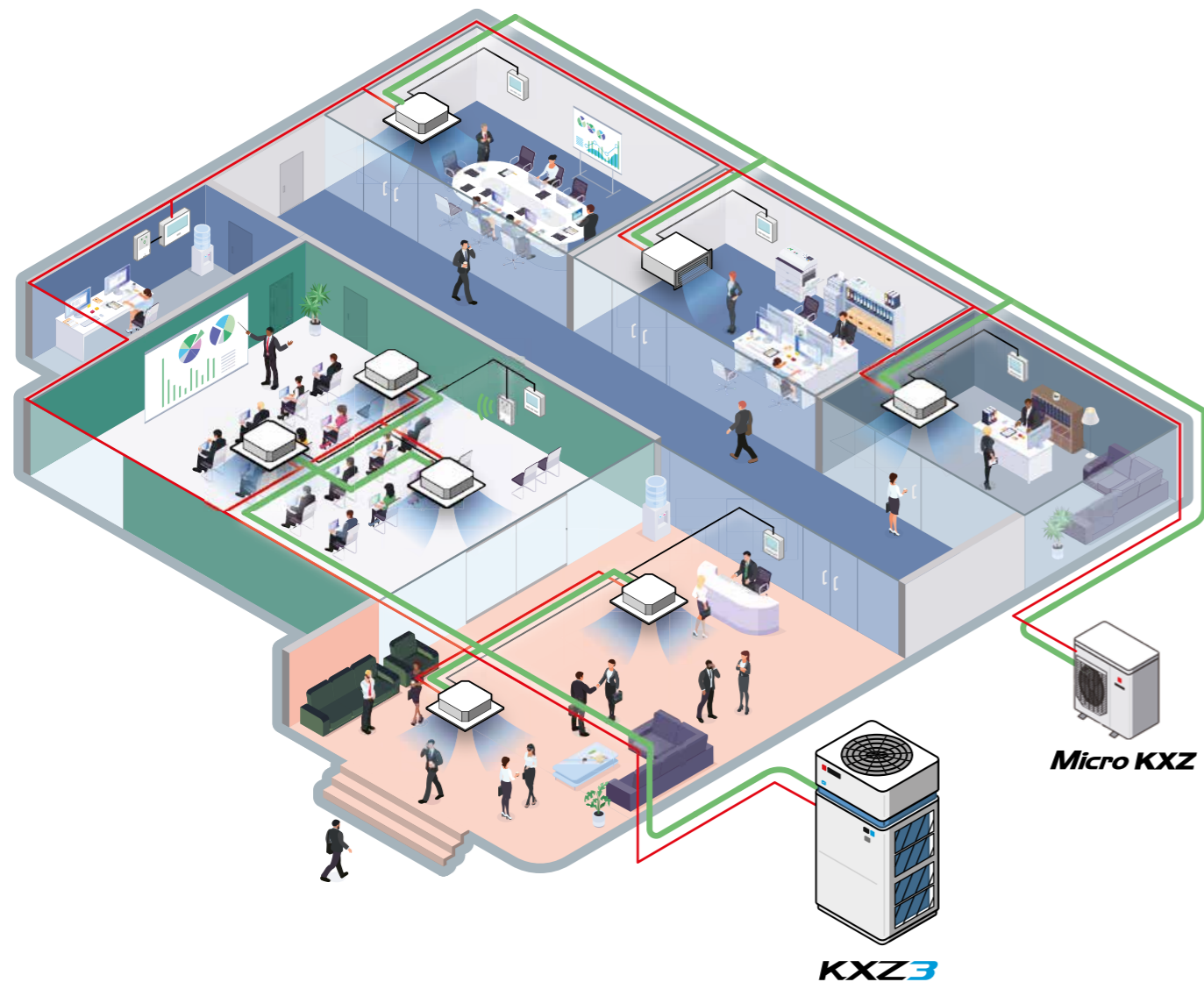
In certain environments, additional safety protocols are required to ensure occupant protection. For rooms or buildings where sleeping facilities are provided, movement is restricted, uncontrolled numbers of people are present, or access is granted to individuals unfamiliar with safety procedures, alarm systems must be configured to provide alerts not only within the occupied space but also at a supervised

location – such as a night porter’s station or central monitoring point. This ensures that responsible personnel are immediately notified in the event of a refrigerant leak, enabling swift action even if occupants are unaware or unable to respond. These enhanced measures are critical for maintaining compliance and safeguarding vulnerable or high-traffic areas.

SYSTEM OPTIMISATION

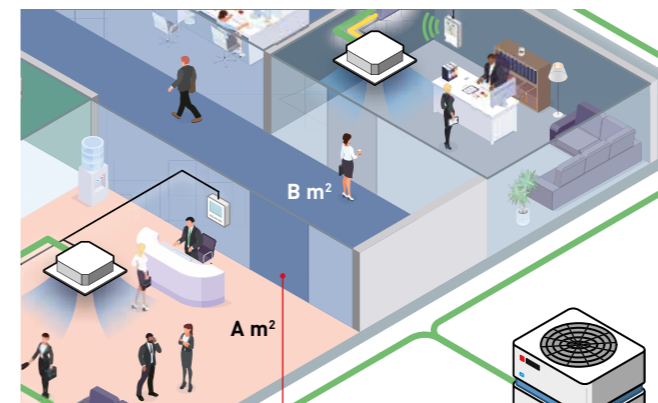
Designing a VRF system involves balancing performance, safety, and cost. While safety measures are essential, strategic design choices can significantly reduce the need for additional components – optimising both system efficiency and budget. This section outlines practical ways to achieve smarter, safer installations without compromising compliance. One of the most effective strategies is to **reduce pipe length**. Shorter piping not only simplifies installation but also lowers the refrigerant charge required. Repositioning outdoor or indoor units – even slightly – can make a meaningful difference in system volume and cost.

Another consideration is the use of **alternative outdoor units**. In certain cases, deploying a KXZ Micro unit may be more suitable, especially for smaller zones within a larger project. For example, an open-plan office could be served by a standard KXZ3 unit, while adjacent meeting rooms or private offices could be covered by a KXZ Micro. This approach reduces overall refrigerant charge and may eliminate the need for additional safety measures in low-volume spaces.



Expanding space, reducing risk

Opportunities to expand room volume should also be explored. Introducing permanent openings can increase the effective room size and allow refrigerant to disperse more safely. While final decisions on room design may rest with architects or builders, it's valuable to highlight these options during early planning stages to ensure safety and compliance are considered from the outset.



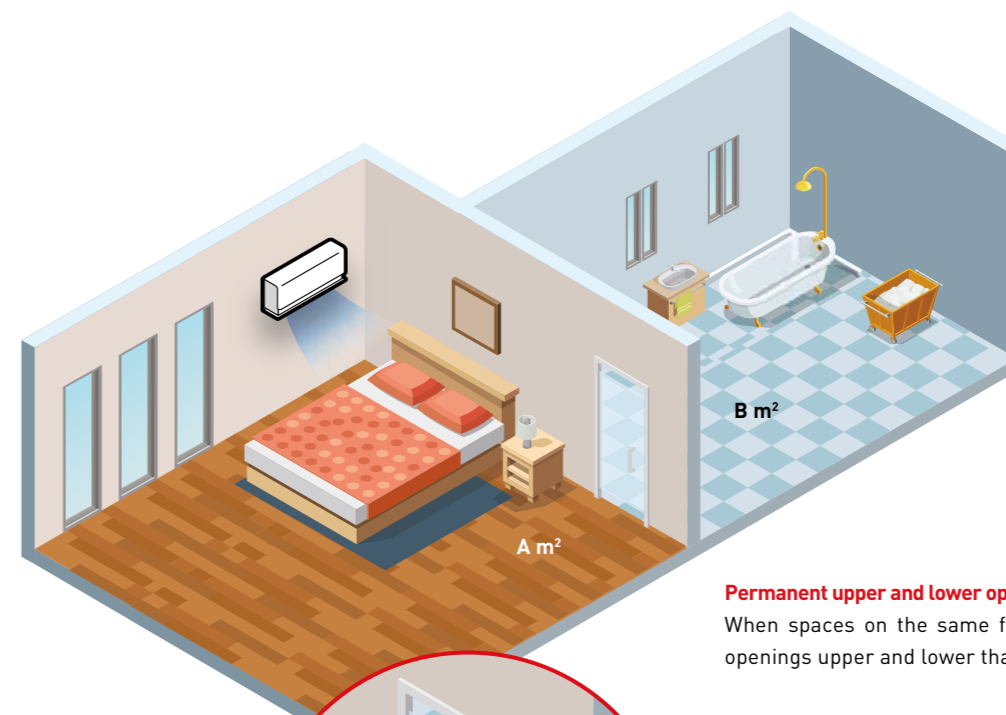
Permanent openings

When spaces are connected by an opening that satisfies all of the conditions below:

- Permanent opening
- Extended to the floor
- Intended for people to walk through

Floor area = $A\ m^2 + B\ m^2$

Permanent opening
Extended to the floor
Intended for people to walk through



Permanent upper and lower openings

When spaces on the same floor are connected by two permanent openings upper and lower that satisfy all of the conditions below:

Upper opening

- The bottom edge of the opening is 1500mm or higher from the floor.
- An opening area is 0.006m² or more.
- Opening height is 20mm or more.

Lower opening

- The bottom edge of the opening is not higher than 100mm from the floor. An opening within 300mm from the floor is 0.012m² or more.
- Over 50% of the opening are placed lower than 200mm from the floor.
- Opening height is 20mm or more.

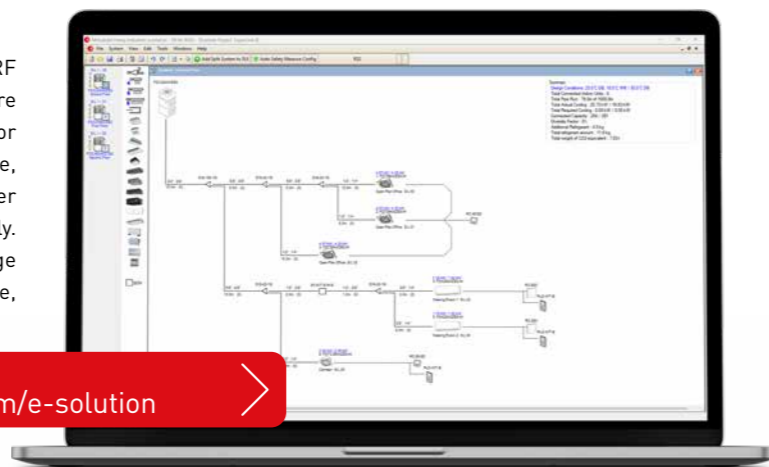
SALES TOOLS

To support your projects from concept to commissioning, Mitsubishi Heavy Industries offers a suite of industry-leading digital tools designed to simplify system selection, safety planning, and seasonal efficiency analysis.

These tools are built to save time, reduce complexity, and ensure every design is both compliant and cost-effective – whether you are at the early planning stage or finalising installation details.

e-Solution

e-Solution is a powerful design platform tailored for MHI's VRF systems. It enables engineers and sales professionals to configure complete systems in minutes, including automatic checks for refrigerant charge and safety compliance. Simply input room size, height, and pipe length, and the software will determine whether safety measures are required – then apply them accordingly. e-Solution is available free of charge and is ideal for both early-stage planning and handover to installation teams. For detailed guidance, contact your local MHI distributor.

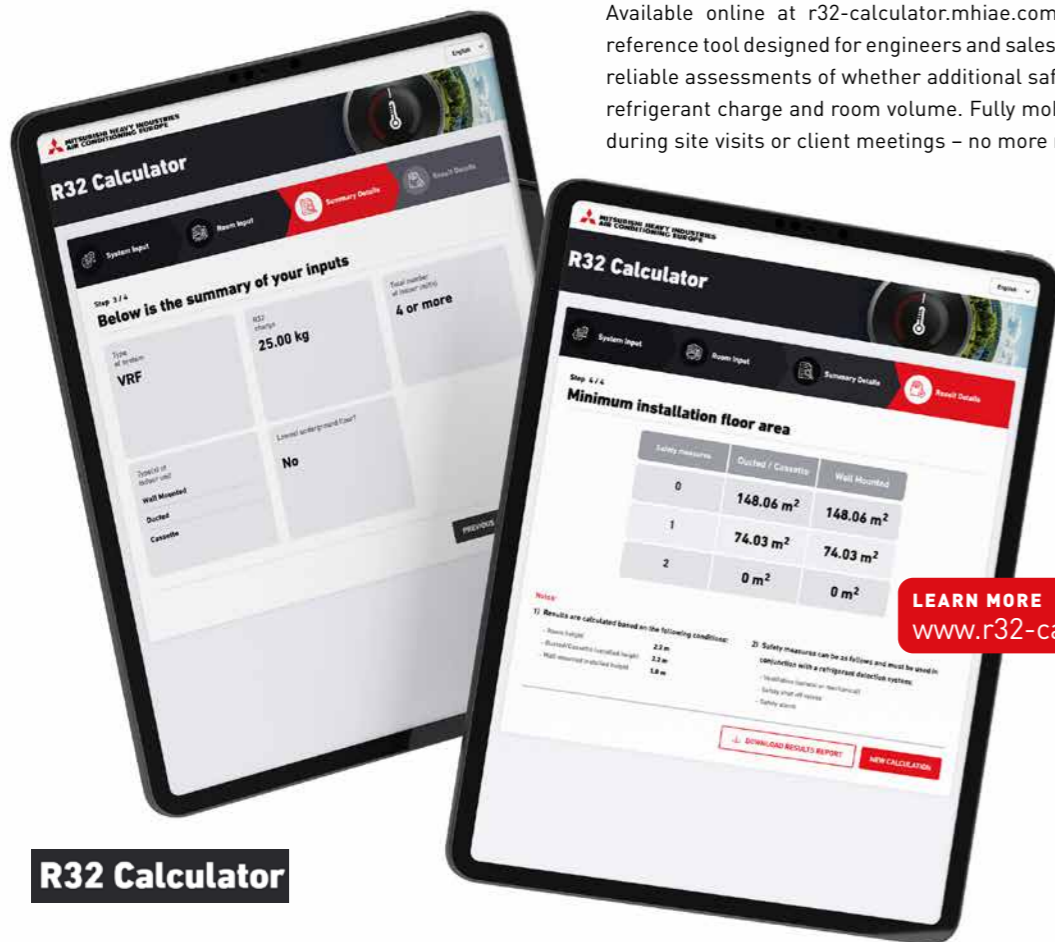


LEARN MORE
www.mhiae.com/e-solution



R32 Calculator

Available online at r32-calculator.mhiae.com, the R32 Calculator is a quick-reference tool designed for engineers and sales teams on the move. It provides fast, reliable assessments of whether additional safety measures are needed based on refrigerant charge and room volume. Fully mobile-compatible, it's perfect for use during site visits or client meetings – no more manual calculations or guesswork.



LEARN MORE
www.r32-calculator.mhiae.com

R32 Calculator

e-Seasonal

e-Seasonal is a user-friendly web-based application designed to support the selection and evaluation of VRF systems. By entering key project details – such as system configuration, location, and occupancy – it provides tailored simulations to help guide decision-making. Key outputs include:

- Annual seasonal efficiency calculations (SEER/SCOP)
- Estimated yearly energy consumption and operating costs
- CO₂ equivalent emissions
- Return on investment projections

This tool helps demonstrate long-term value and sustainability to clients, making it an essential tool for both technical and commercial teams.



LEARN MORE
www.esseasonal.mhiae.com



BIM models

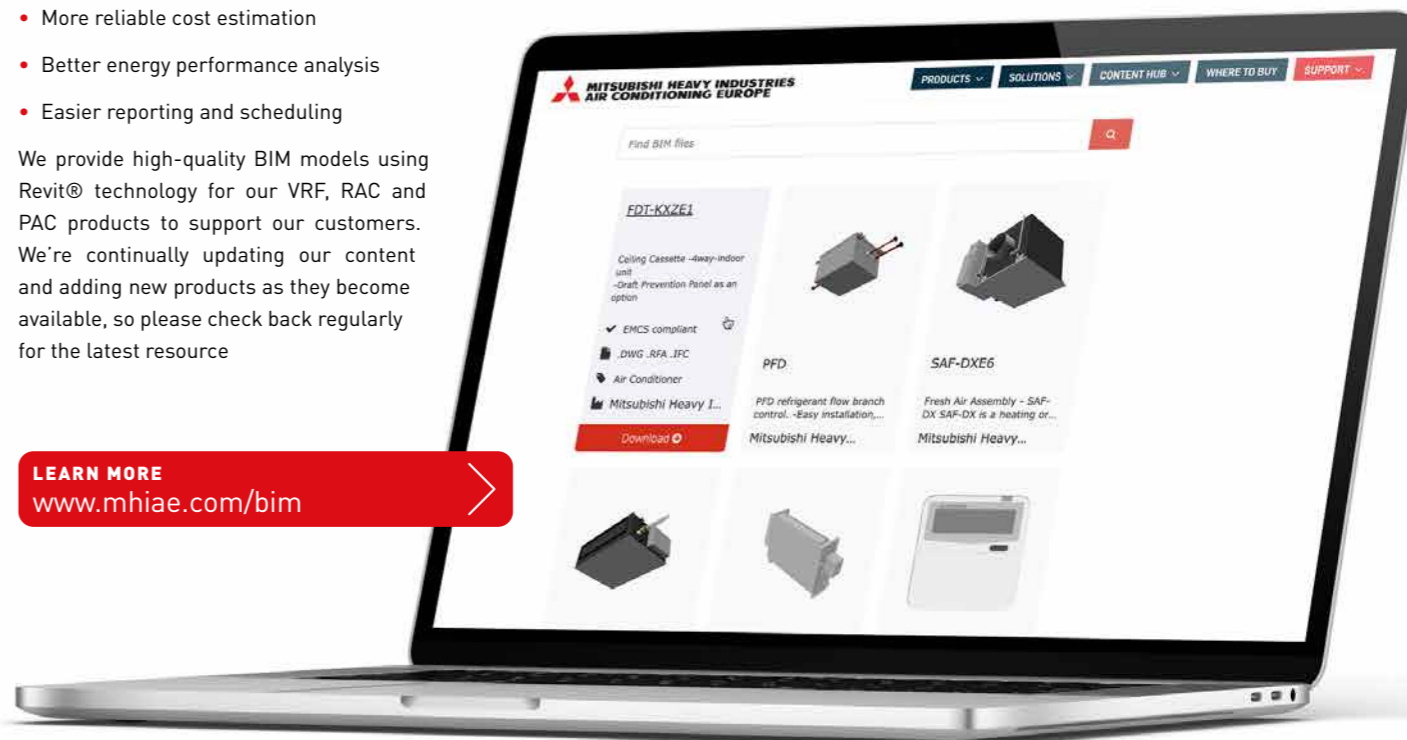
Building Information Modelling (BIM) allows all project stakeholders – such as architects, engineers, quantity surveyors and contractors – to work together on a shared virtual model of a building or piece of infrastructure. This collaborative approach helps improve coordination and reduce errors throughout the project.

The benefits of BIM include:

- Clearer design visualisation
- Fewer conflicts and changes during construction
- Greater accuracy in project documentation
- More reliable cost estimation
- Better energy performance analysis
- Easier reporting and scheduling

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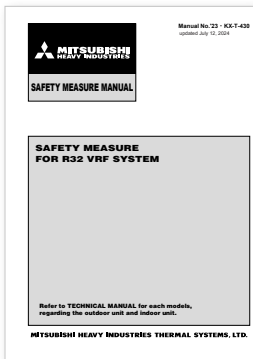
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GUIDE TO R32 VRF SAFETY MEASURES FOR THE INSTALLER

This guidebook is designed to assist installers with the knowledge to confidently install and commission MHI R32 Safety measures.



SAFETY MEASURE MANUAL 23.KX-T-430

For further installation information, please refer to our safety measures manual which can be found on our website: www.mhi-mth.co.jp



MHI E-SERVICE

This is an application that enables users to make a quick search of the meaning of error codes in MHI products.



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OUR WEBSITE

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Mitsubishi Heavy Industries Air Conditioning Europe Ltd, 5 The Square, Stockley Park, Uxbridge, UB11 1ET

This guidebook is intended as a simplified reference and must not take precedence over relevant installation and service manuals or data books. If you have any questions or require a full list of certifications we follow, please contact your local distributor at <https://mhiae.com/suppliers/>.

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