

Case Study

Nailed it! Perfect comfort for garden room treatment centre



When a Northern Ireland business was looking at a comfortable, accessible way to continue growing their nail beauty business, moving everything into a dedicated garden room seemed a sensible solution.

Delivering the perfect levels of comfort and fresh air all year round demanded the best ventilation and air conditioning system available.

Due to multiple lockdowns, home-working for many people has become the norm. Even now, extending remote-work arrangements beyond the pandemic are becoming a serious consideration for many forward-thinking businesses.

However, keeping your home and work life separate can be challenging, so it's of no surprise that garden rooms have become very popular.

For one client with a new garden room for her nail studio, the inclusion of state-of-the-art heat recovery ventilation and advanced air conditioning is ensuring client comfort all year round.

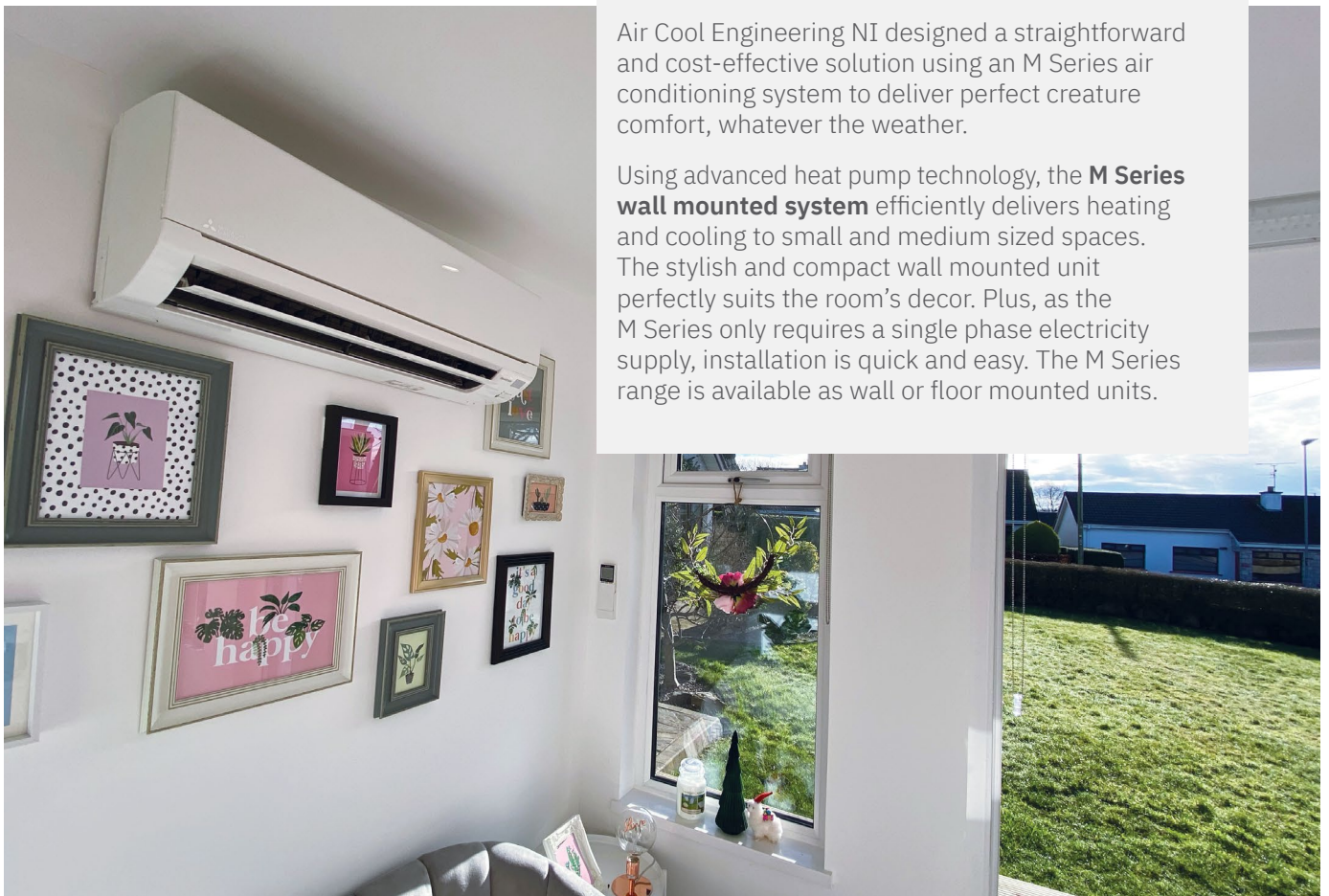
Eve Mullan had many reasons to move her nail art business out of her home and into the garden. However, after the first lockdown in March 2020, with restrictions not allowing mixing of different households in a private home, the small business owner's decision to make the move to a garden room was accelerated.

The Challenge

Extending the home heating system to her garden 'studio' wasn't a feasible option, and to make her new 'workplace' usable all year round, she needed a simple and cost-effective heating, cooling and ventilation solution which would ensure her clients felt comfortable and Covid-safe during their appointments.

Air Cool Engineering NI designed a straightforward and cost-effective solution using an M Series air conditioning system to deliver perfect creature comfort, whatever the weather.

Using advanced heat pump technology, the **M Series wall mounted system** efficiently delivers heating and cooling to small and medium sized spaces. The stylish and compact wall mounted unit perfectly suits the room's decor. Plus, as the M Series only requires a single phase electricity supply, installation is quick and easy. The M Series range is available as wall or floor mounted units.



“To become more Covid-compliant and to ensure my family and clients are safe at all times, moving my ‘workspace’ into the garden became a priority,” explains Eve.

As the nail studio is detached from my house, the stand alone air conditioning and ventilation system gives me the flexibility to safely extend appointment availability and operate in all weathers too. ”

Fresh Air with Heat Recovery

The garden studio also benefits from fresh air ventilation with heat recovery direct from a wall-mounted Lossnay unit.

The client was also concerned about ventilation and wanted a simple solution to provide fresh, filtered air - without having to open windows.

Air Cool Engineering NI installed a **VL-100EU wall mounted Lossnay** to provide heat recovery ventilation to the space. This unit is even more compact than the wall mounted air conditioning unit and will provide fresh air vertically or horizontally into the space via a simple adjustable flap on the front of the unit.

The Lossnay is positioned to serve the working area, providing fresh air ventilation in these uncertain times.

“I am confident that with Air Cool Engineering’s help, I have all measures in place to make my business Covid-safe and comfortable for myself, clients and family”, added Eve Mullan. “After such a long period of lockdown, I’m really looking forward to getting back to work and welcoming my wonderful clients to my new garden studio.”

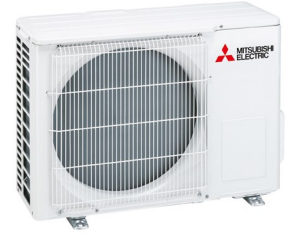


Installation Summary

Outdoor Unit:

MUZ-HR35VF

M series



Indoor Unit:

MSZ-HR35VF

M series



Lossnay:

VL-100EU wall mounted Lossnay

Lossnay



Telephone: 01707 282880
email: air.conditioning@meuk.mee.com
les.mitsubishielectric.co.uk



@meuk_les
@green_gateway



Mitsubishi Electric Living
Environmental Systems UK



Mitsubishi Electric
Cooling and Heating UK



mitsubishielectricuk_les



Mitsubishi Electric Living
Environmental Systems UK



thehub.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division, Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England. Telephone: 01707 282880 Fax: 01707 278881
IRELAND Mitsubishi Electric Europe, Westgate Business Park, Ballymount, Dublin 24, Ireland. Telephone: (01) 419 8800 Fax: (01) 419 8890 International code: (003531)

Country of origin: United Kingdom - Japan - Thailand - Malaysia. ©Mitsubishi Electric Europe 2021. Mitsubishi and Mitsubishi Electric are trademarks of Mitsubishi Electric Europe B.V. The company reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement. Mitsubishi Electric is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All goods are supplied subject to the Company's General Conditions of Sale, a copy of which is available on request. Third-party product and brand names may be trademarks or registered trademarks of their respective owners.

Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A (GWP:2088), R32 (GWP:675), R407C (GWP:1774), R134a (GWP:1430), R513A (GWP:631), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A (GWP:1975), R32 (GWP:550), R407C (GWP:1650) or R134a (GWP:1300).

Effective as of April 2021

