



ProAir

Heat Recovery Ventilation Systems

Providing the Perfect Indoor Environment for Your Clients

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MD ProAir Systems

Introduction to ProAir Systems

Only manufacturer of HRV units for the residential sector in the Republic of Ireland.





The Ideal Indoor Environment

Is one that is:

- Comfortable
- Healthy
- Energy Efficient



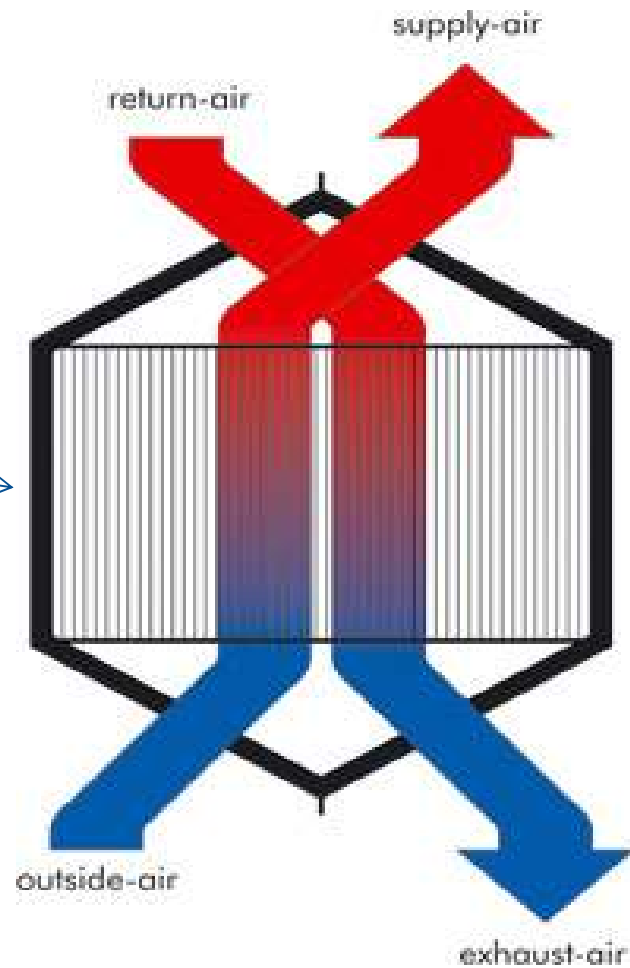
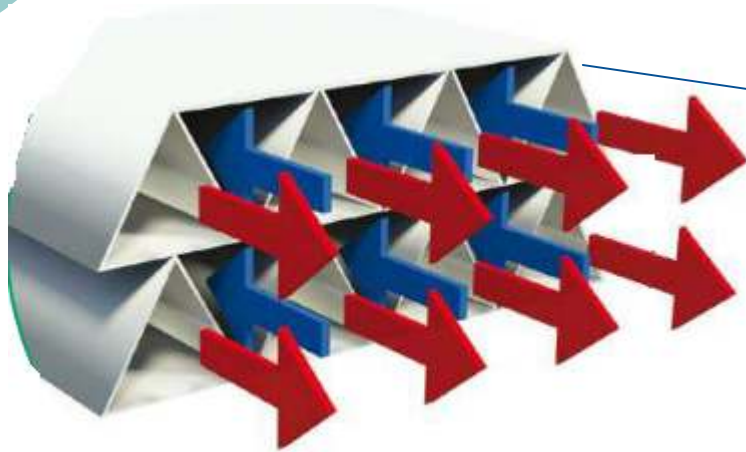
So What Are The Ways Of Achieving This?

Using a technology known as a **Heat Recovery Ventilation** (HRV) system.

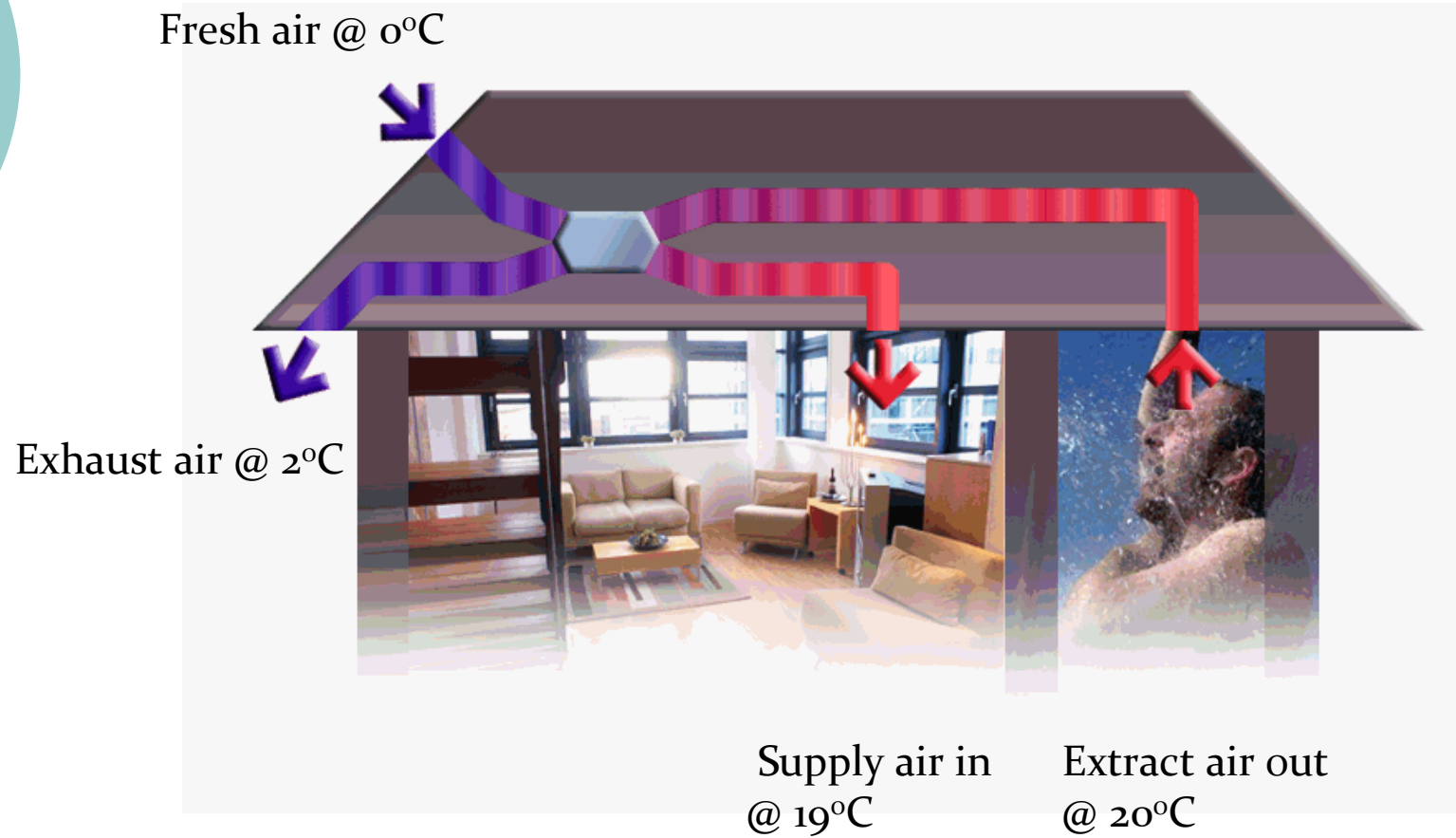
This is a system which uses the heat of **air going out** of a building to warm the **air coming in**.

It **recovers** the heat from the air leaving the service areas and transfers it to the air entering the living areas.

How Does HRV Work?



Is It Efficient?





Why Should You Use HRV?

- Compliment your standard energy efficiency measures
- Reduce inconvenient and expensive call – backs
- Condensation control

Mould Prevention

Warm and Dry vs *Cold and Damp*



Average RH levels in Ireland are 88%



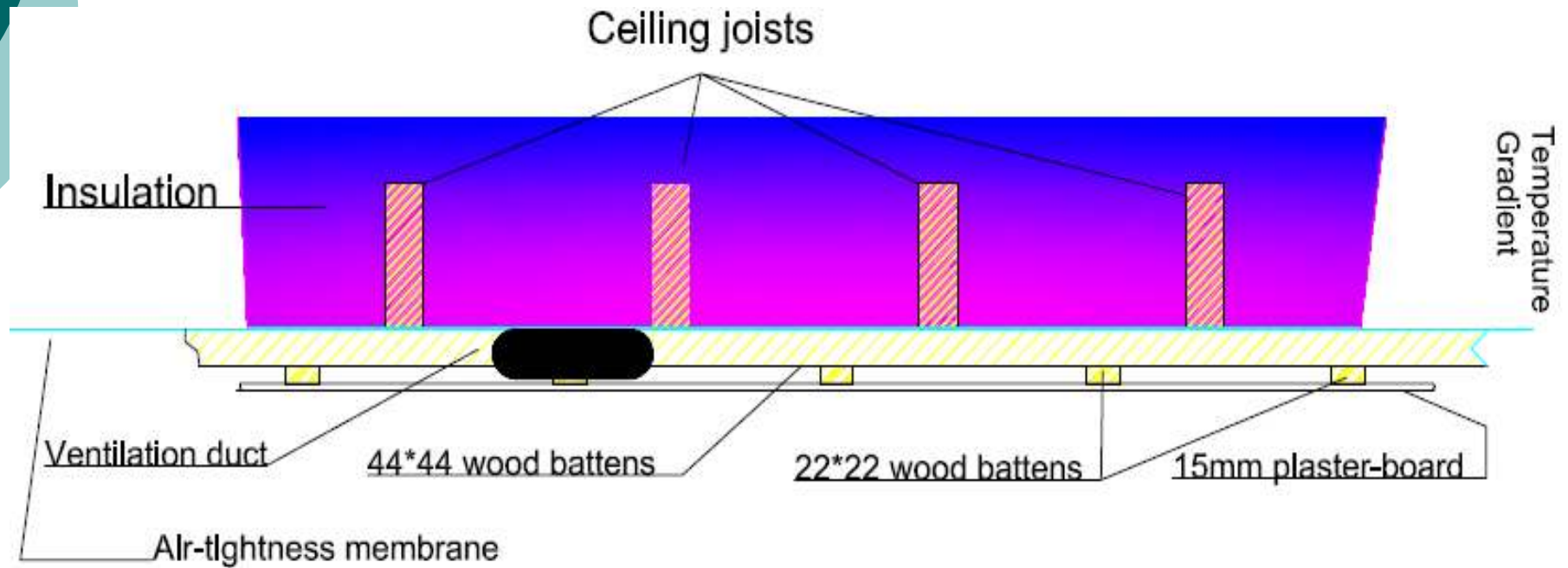
Are There Any Downsides To HRV?

Units can be:

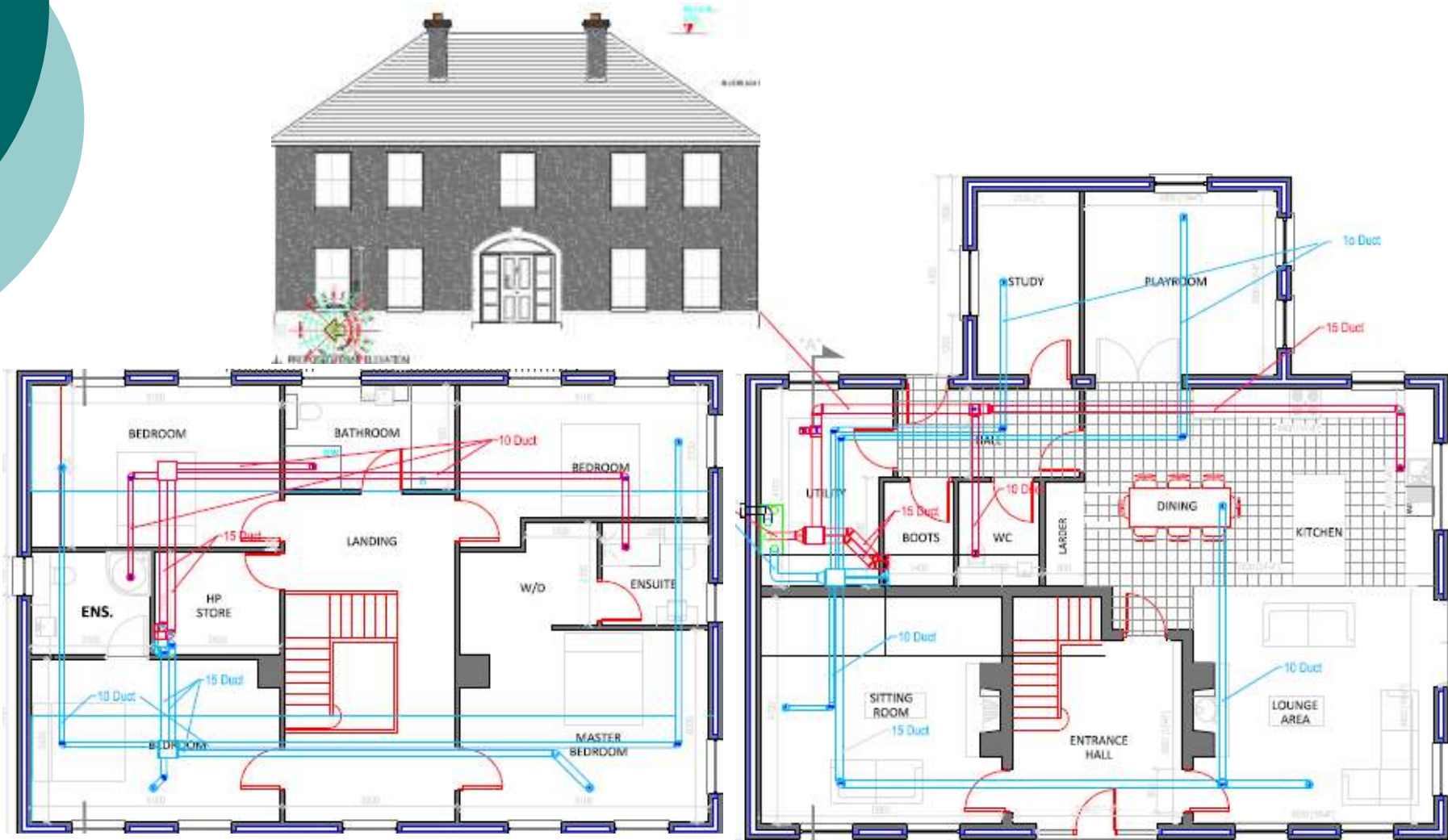
- Noisy
- Use a lot of energy
- Badly controlled

If they are **wrongly selected,
designed and installed**

What is the correct way?



Typical HRV System Layout



In The Perfect Indoor Environment

You should not:

- Hear the system
- See the system
- Feel the system



Can We Also Heat Houses?



What's In The Pipeline?

- The PA100
- PAICCS
- Drying rooms





HRV Bespoke Applications

- Community Centres
- Swimming Pools
- Schools
- Sports Applications

A decorative graphic on the left side of the slide, consisting of a dark teal semi-circle overlapping a light blue semi-circle.

Thank You For Your Attention

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ProAir Systems