

HVAC upgrades

Proper heating, ventilating, and air-conditioning (HVAC) are key to maintaining a comfortable, healthy and productive work environment. Improved heating and cooling performance along with substantial energy savings can be achieved by implementing energy-efficiency measures.

Sustainable Energy Authority, Ireland

Investing in HVAC upgrades, such as new heating, ventilation and air conditioning (HVAC) mechanical plant and equipment can save you vast sums on energy use.

Sample: Switching heating from oil to natural gas

Heating Oil



ENERGY

475,000

— kWh —



CARBON DIOXIDE

121,000

— kg/kWh —



ANNUAL COST

€41,000

Natural Gas



ENERGY

385,000

— kWh —



CARBON DIOXIDE

80,000

— kg/kWh —



ANNUAL COST

€17,000

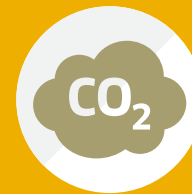
SAVINGS



ENERGY

90,000

— kWh —



CARBON DIOXIDE

41,000

— kg/kWh —



ANNUAL COST

€24,000

switching to modern, high
efficiency natural gas boilers

Accelerated Capital Allowance (ACA) scheme:

The ACA scheme can help pay for HVAC upgrades. By purchasing new A class energy efficient equipment, your company may write-off up to **100%** of that cost, before calculating tax on profits. Normally, this cost would be written-off over an eight-year period, resulting in a much poorer saving. Find out more about Accelerated Capital Allowances **on our website**.

Before

**Boiler
House**

After





expert building service engineers

Our expertise

Installing the latest A class energy efficient HVAC plant, such as:

- ✓ Boiler upgrades
- ✓ Chiller replacements
- ✓ Heat pump replacements
- ✓ Heat recovery systems
- ✓ R22 (an ozone depleting F-Gas) replacement
- ✓ Solar panels
- ✓ Split air conditioning
- ✓ VRV systems

Upgrades and replacements completed for

- ✓ Dunnes Stores: various sites nationwide
- ✓ Office of Public Works: various sites in Leinster
- ✓ Covidien, Eason, eir, Marks & Spencer

Skilled subcontract work we can deliver

- ✓ BMS
- ✓ Building contractor
- ✓ Cladding
- ✓ Crane hire
- ✓ Ducting
- ✓ Electrical contractor
- ✓ Fire alarm, fire suppression and remote monitoring
- ✓ Sprinkler
- ✓ UPS

The benefits to Thermodial carrying out HVAC upgrade work:

Thermodial are equipped to work as the main contractor, managing electrical and structural elements, providing **in-house PSCS**, as-built drawings and providing operation and maintenance manuals upon job completion.

Contact Thermodial for HVAC upgrades:

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