



Understanding the energy savings potential by Energy Conservation Opportunity in Air Conditioning Systems

The ECOs identified during AUDITAC have now been refined and added to within HARMONAC – in particular they have been more fully described and likely energy saving ranges added to them as found from the measurements and modelling undertaken during the course of the HARMONAC project.

These ECOs are an important addition to the body of knowledge about AC systems, as they are able to act as guidance to Inspectors on the likely range of savings the systems they are inspecting may be able to achieve through applying certain measures. This is important in meeting the EPBD requirements to provide recommendations for each Inspection.

The ECOs also act as a valuable source of information for system designers and manufacturers about where the energy has been calculated and measured to be used in practice. This is important support in the move towards designing, manufacturing and promoting more efficient AC systems in practice.

The picture on the right shows a typical front page for an ECO from HARMONAC.

In total over 140 ECOs are described in HARMONAC and 50+ have been produced at the level of detail shown right.

