





multi PACK

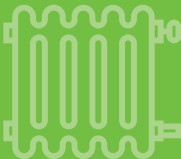
**STANDARDISED INSTALLATION
PACKAGES INTEGRATING
RENEWABLE AND ENERGY
EFFICIENCY SOLUTIONS FOR
HEATING, COOLING AND HOT
WATER PREPARATION**



Demonstrate that integrated **CO₂** refrigeration units **can outperform HFC-units** both **cost** wise and regarding **energy efficiency**



Give confidence to South European supermarket, hotel and other high-energy demanding buildings **owners** that MultiPACK units give them lower cost of ownership and are a safe investment.



The roll-out of new energy efficient plug-and-play units **reduces the specific energy consumption by more than 25%.**

MultiPACK is an EU project to develop and demonstrate the next generation of standardised integrated cooling & heating packages for commercial and public buildings based on environment-friendly carbon dioxide (CO₂) vapour compression cycles, including the state-of-the-art energy performance boosting technology combined with energy storage modules.

Six remotely controlled and monitored demonstration sites:

3 supermarkets in Italy and Portugal

3 other high-energy demanding buildings at several South-European locations.



MultiPACK: new integrated packs providing refrigeration/space cooling & heating with high levels of indoor comfort and sanitary hot water demand. MultiPACK is still looking for potential test sites.



www.ntnu.edu/multipack



European Commission

Horizon 2020
European Union Funding
for Research & Innovation

MultiPACK is funded by the European Union, under the Horizon 2020 Innovation Framework Programme, project number 723137