



**Thermo
Réfrigération**

MUSHROOMS

Air & Cooling control

**COMPOSTING AND MUSHROOM CULTURE ON BLOCKS, TRAYS OR SHELVES,
FOR THE FRESH MARKET OR THE INDUSTRY.**



OUR TECHNICAL EXPERTISE



STUDY AND SIZING

Allowing to customize the equipment to match production objectives



COMPOSTING

- Phase I : Fermentation - Phase II : Pasteurization
- Air handling unit to control airflow, temperatures, hygrometry and oxygen with a floor ventilation system (blowing or slatted floor)



INCUBATION AND CULTURE

- Phase III - Phase IV
- Air handling unit to control temperatures, hygrometry and CO₂
- Refrigeration and hot water production
- Humidification, spraying, steam disinfection



STORAGE AND CONSERVATION

- Fast cooling, cold storage rooms



SUPERVISION with remote management via computer, smartphone or tablet

- Centralization of data and traceability
- Default monitoring and alarms



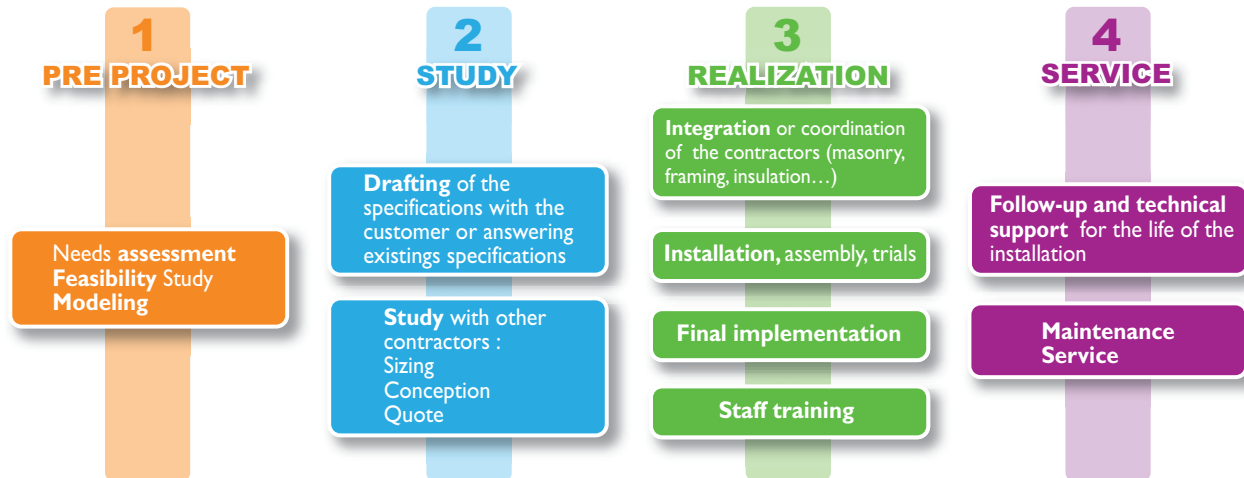
ENERGY SAVINGS

- Systems using frequency variations (compressor/pump/fan)
- Energy recovery (hot / cold)
- High floating pressure on the condensers
- Free cooling



We work closely together on your project
from study and design to installation.

**A CUSTOMIZED SERVICE OF YOUR PROJECT MANAGEMENT BASED ON OUR
STRONG TECHNICAL EXPERTISE**



**EXAMPLE OF A PROJECT
BUTTON MUSHROOM CULTURE**

- 12 rooms of 1500m² of culture each
- Cooling, pre-air conditioning
- Air handling unit with isolated polyester
- Automatic spraying
- Centralized management
- Energy savings thru heat recovery, frequency variations and floating high pressure

OUR CUSTOMERS TRUST US FOR * :

Our responsiveness
Our teams' technical expertise
Our receptiveness and our advice

*Survey conducted by Expert Activ consulting on a sample of our customers from June to September 2012

PROTECT YOUR INSTALLATIONS WITH OUR

Repair 24/7
Maintenance
Evolution of equipments

AFTER SALE SERVICE
+33 2 43 38 10 18

France & Export

ZI du Puits - Luceau
72500 Château du Loir

Tél.: +33 (0)2 43 38 10 10 - Fax : +33 (0)2 43 44 09 01

Mail : contact@thermorefrigeration.com

Angers : +33 (0)2 41 69 77 77 - Saumur : +33 (0)2 41 67 29 24 - Orléans : +33 (0)2 38 61 11 73

www.thermorefrigeration.com