



# 02

## Installed System

### Outdoor unit

REPLACE MULTI series



PUHY-RP × 1

### Indoor unit

Wall Mounted

PKFY × 1

Floor Standing

PFFY × 8

### Controller

Centralized Controller



AG-150A × 1

Local Remote Controller

PAR-21MAA × 11



## Climat Systems, Chanteloup En Brie, France

### The Challenge

With over twenty years of business experience, Climat Systems is an expert on providing a huge variety of air conditioning systems (VRF, Chillers, Commercial Refrigeration, Ventilation, Professional Kitchens, etc.) for residential and commercial use. They employ 50 people and undertake maintenance for the major French companies.

The office had been heated and air conditioned via R22 VRF system for 12 years and wished to develop effective, economic, and reliable system. Climat Systems sought a technical solution which did not oblige it to replace the old air conditioning pipes, so as to avoid major and long works.

### The Solution

REPLACE MULTI, which is designed to simply replace the existing R22 / R407C VRF equipment, was perfectly suited for the project. With a unique technology, reusing of existing refrigerant piping work on R22 VRF system, and charging correct volume of new refrigerant is easily possible without any use of special kit.

As a result, 95% of the refrigerant pipes, communication buses, and power cables were reused. This makes the work shorter compared to ordinary systems and took only few days to complete the replacement.

Also, the indoor units were replaced with its latest models, which are more compact, better designed and quieter. The system is centrally controlled, and the energy consumption is monitored with AG-150A centralized controller.

