

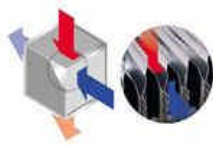
# NEW! Air Handling Units

Sanyo Air Handling Units designed for Sanyo's Electric VRF and Gas Engines



**Models: 500,1000,1500 & 2000m<sup>3</sup>/Hr**

The new primary air treatment units, named CRFF-CFRS, include heat pump DX coil (R410A), electronic expansion valve for refrigerant flow modulation and full heat recovery. They are suitable for all installations where it is necessary to treat full fresh air eg:



CFRR\_AHU Range  
(Total Heat Exchanger)



CFRS\_AHU Range  
(Plate Heat Exchanger)

- Schools
- Theatres & Cinemas
- Restaurants
- Auditoria & Reception Areas

Fully compatible with Sanyo's VRF and Gas Engine Outdoor units and controls



## Construction:

**FRAME** Modular design, ensuring simple, precise and rapid assembly. The load-bearing frame is made from special extruded aluminium alloy section bars (6060 T5UNI 3569 Anticorodal 63).

**SANDWICH PANELS** Double skin panels, thickness 50mm. Pre-painted galvanised steel plate. The paneling is fastened to the frame using self-threading screws inserted in PVC.

**INSULATION** Polyurethane foam, closed-cell, density > 45 kg/m<sup>3</sup>, produced by INJECTION.

**A range of factory fitted accessories for the following functions**

- Humidification
- Filtration (inc BIOGEN & Virus Washer Options)
- Heating & Cooling
- Central Control

# NEW! ECOi- 6 Series VRF

**JULY  
2010**

## 2 Pipe Heat Pump VRF System



### Full & Extended Range

The new ECOi 6 series is specifically designed for energy saving, easy installation and high efficiency performance as its main focus.

By becoming the first company to integrate both **Standard** and **Hi COP** systems in the same range SANYO takes another step forward in offering control and flexibility to the VRF market.

Initially launched as a 2 pipe heat pump the 3 way heat recovery will follow soon.

**Standard or Hi COP**—SANYO gives you the choice.

### Features:

- Full & extended range (8,10,12,14,16,18,20HP)
- Full HI COP range (10,12,14,16HP)
- DC inverter technology for precise temperature control and a low start-up current
- Improved COP & EER by new design for heat exchangers, fans, fan motor and compressor
- High external static pressure available (80Pa)
- 64 indoor unit connectability from 38hp (107kW)
- Connectable indoor unit capacity ratio up to 200%
- Non stop operation during maintenance
- Extended operating range (-25°C in heating mode)
- Extended pipe runs (max pipe length 1000m)

**SANYO**  
AIR CONDITIONERS

# Heat Recovery Ventilation

For 2010 Sanyo has expanded its range of CFR Heat Recovery Ventilators. Models are available from 80 to 1200 litres/sec.



Standard configurations



New cross-flow heat exchanger



Vertical arrangement

# HFC Hydrobox 5~25kW



## PACi Hydronic Systems

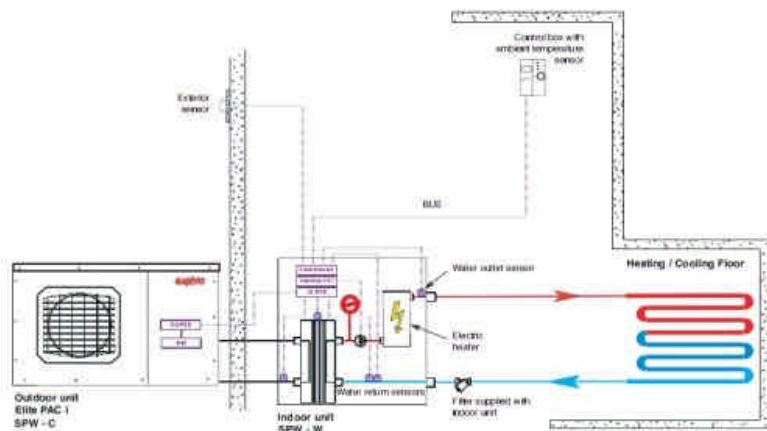
### Warm & Cool water utilisation

Refrigerant pipework from heat pump outdoor unit to "Hydrobox" (right) for up to 25kW hot water (50°) or cold water for single mixed use applications. 1 or 2 zones.

- Underfloor heating or cooling
- Fan coils
- Radiators
- Domestic hot water (with DHW tank kit)
- Supply to existing boiler or cylinder

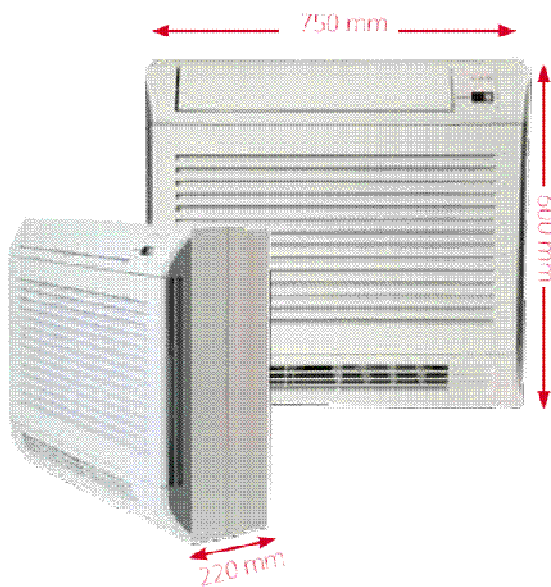
Specific accessory parts for the above applications are also available.

Can also be connected to commercial VRF systems.



# Floor Standing FDRV Type Unit

For 1:1 & Flexi Multi Applications



## Features & Benefits

The floor standing FDRV type units are common use for single and multi split systems available in 2.65kW, 3.50kW and 5.15kW sizes

Elegant, discreet and modern design for replacing radiators or any floor standing applications .

- Ultra quiet mode from 22dB-A
- Optimised air flow for maximum comfort
- Automatic air sweep (upper air diffuser)
- DC Inverter technology for precise control of temperature
- Auto restart after failure
- Cooling and heating down to  $-15^{\circ}\text{C}$