

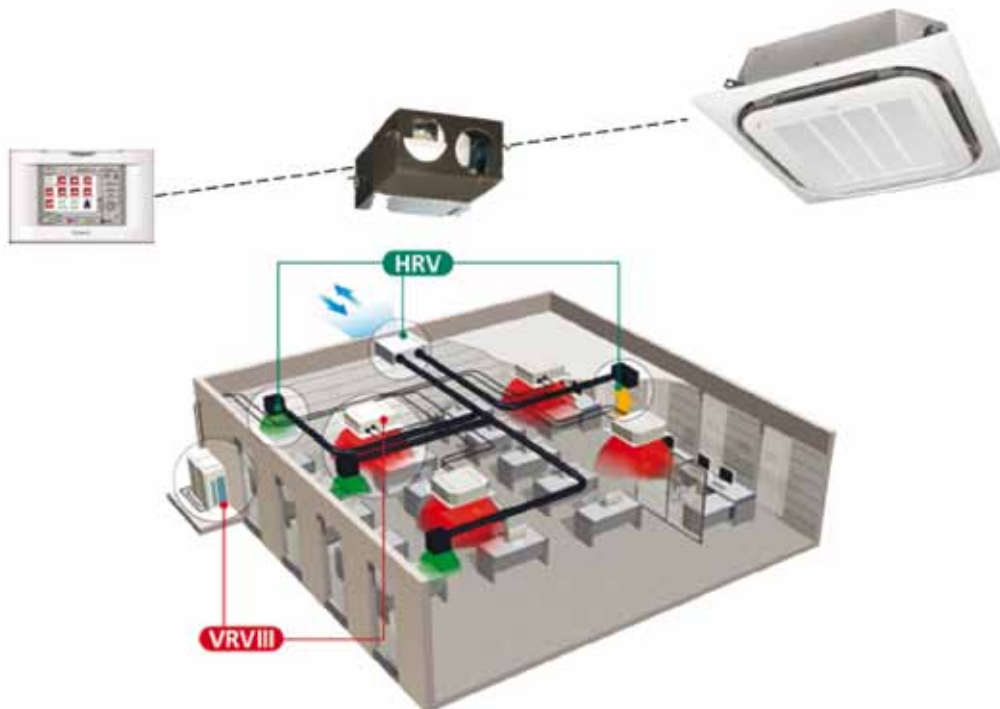
NETWORK SOLUTIONS

Free Cooling function

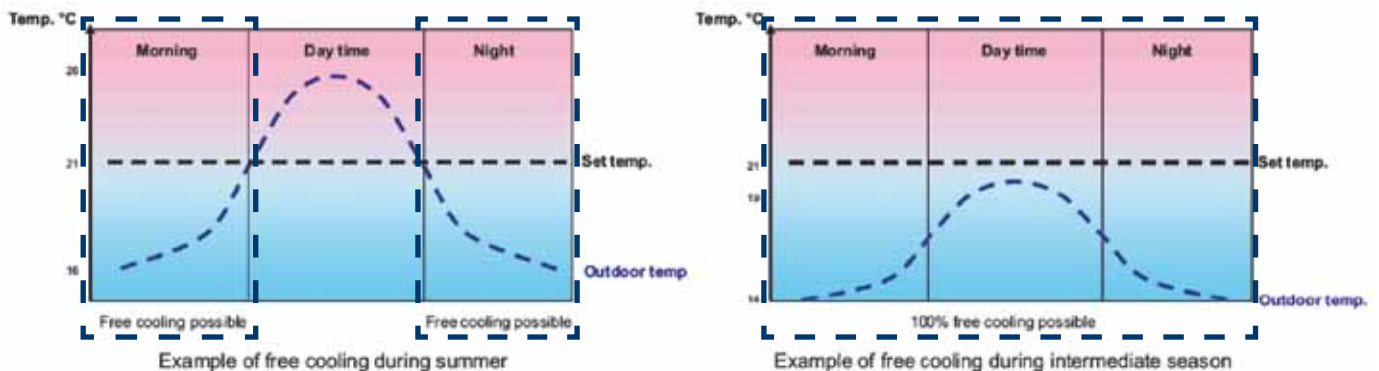
The combined application of the VRV system with VAM Heat Recovery Ventilation units can be greatly enhanced with the use of the Intelligent Touch Controller with its optional software which can support free cooling interlock with the VAM units providing cooling whilst restricting the VRV Indoor Units whenever the external temperature is within free cooling limits.

Advantages

- Reduces the energy consumption and uses energy in a more efficient way, by directly introduction of fresh air into rooms.
- Maintains indoor comfort through the introduction of low temperature outdoor air.



Free cooling function is possible when the outdoor temperature is less than the indoor room temperature

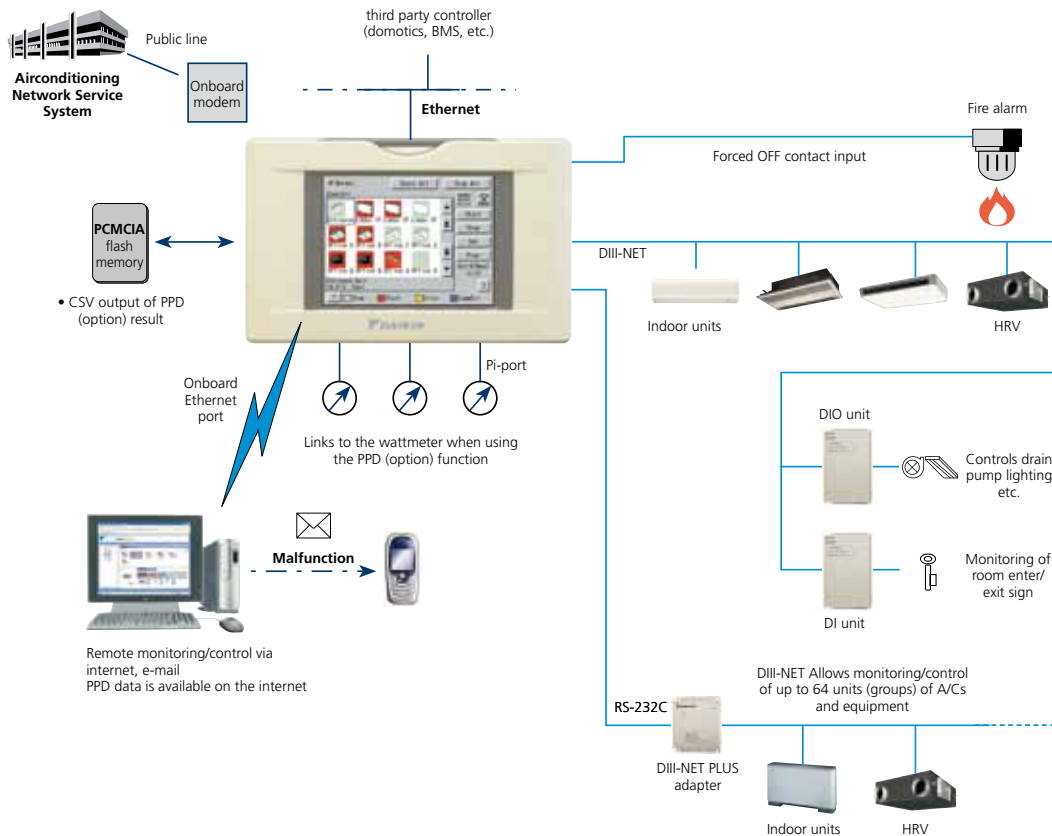


To perform this feature the Intelligent Touch Controller is required with the Free Cooling Software Update and also the use of the optional Outdoor Temperature Sensor Kit DAM101A51.

NETWORK SOLUTIONS

touch intelligent Controller

Allows detailed & easy monitoring and operation of VRV® systems (max. 2 X 64 groups/indoor units).



Languages

- English
- French
- Spanish
- German
- Italian
- Dutch
- Portuguese

System layout

- Up to 2 x 64 indoor units can be controlled
- Onboard Ethernet port (web browser + e-mail)
- Digital i/o contacts (option)
- Touch panel (full colour LCD via icon display)

Management

- Web application & internet compatibility
- Monitoring & control according to user
- Remote monitoring & control of more than one building
- Remote monitoring & control of more than one building via internet
- Power Proportional Distribution: PPD (option)
- PPD data is available on the internet
- Easy management of electricity consumption
- Enhanced history function

Control

- Individual control (set point, start/stop, fan speed) (max. 2 x 64 groups/indoor units)
- Enhanced scheduling function (8 schedules, 17 patterns)
- Flexible grouping in zones
- Yearly schedule
- Fire emergency stop control
- Interlocking control
- Increased HRV monitoring and control function
- Automatic cooling / heating change-over
- Heating optimization
- Temperature limit
- Password security: 3 levels (general, administration & service)
- Quick selection and full control
- Simple navigation
- Set back schedule « new

Monitoring

- Visualisation via Graphical User Interface (GUI)
- Icon colour display change function
- Indoor units operation mode
- Error messages via e-mail & mobile phone (option)
- Indication filter replacement
- Multi PC

Cost performance

- Free cooling function « new
- Labour saving
- Easy installation
- Compact design: limited installation space
- Overall energy saving

Open interface

- Communication to any third party controller (domotics, BMS, etc.) is possible via open interface

Connectable to:

- VRV®
- Sky Air (via interface adapter)
- HRV
- Split (via interface adapter)