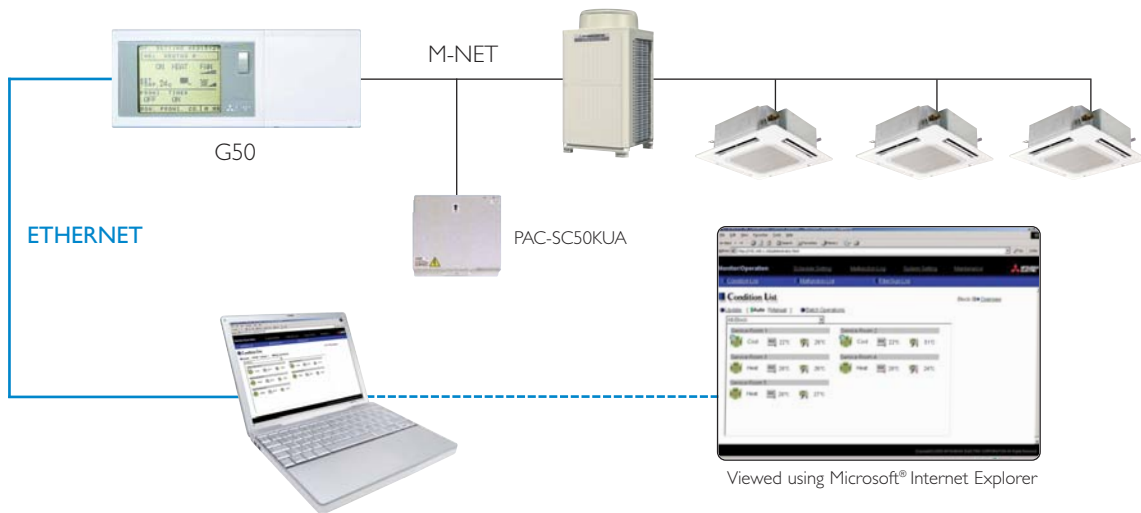


G50 Controller

Centralised Controller with WebServer Capabilities

The G50 centralised controller was the first of its kind in the industry to utilise Ethernet Technology. By using Internet Explorer as its local or remote software, the G50 gives you instant access to all your control functions from the comfort of your own PC. The G50 can control up to 50 indoor units and can take the place of local remote controllers, offering the same level of monitoring and control. The G50 has many functions as standard but can also have further features activated via Pin Codes.



Technical Information

| G50 Controller | |
|-------------------------------|--|
| FUNCTION | DESCRIPTION |
| OPERATION PLATFORM | Pentium III, CPU 1000 Mhz, 256 MB RAM, 6GB or more. Internal LAN 10/100 MBps running Windows Professional 2000 service pack 4 or Windows Professional XP service pack 2 or Windows Vista |
| MAX No. OF INDOOR UNITS | Up to 50 indoor units can be connected |
| ON/OFF | Run and Stop operation for a single group |
| MODE SELECTION | Switches between Cool/Dry/Auto/Fan/Heat. Operation Mode will vary depending on the indoor unit. Auto mode is available with only R2 and WR2 systems |
| TEMPERATURE SETTING | Sets the groups temperature control. Cool/Dry: 19-30°C, Heat: 17-28°C, Auto: 19-28°C |
| FAN SPEED SETTING | 4 speed: Lo-Mi1-Mi2-Hi, 2 speed: Lo-Hi |
| AIR FLOW DIRECTION | Air Flow angles: 100°-80°-60°-40° and auto swing |
| TIMER OPERATION | Weekly. Maximum of 3 time sequences with 3 Start/Stop times per day for all groups can be allocated |
| PERMIT/PROHIBIT FUNCTION | Individual prohibit operations for each remote controller function (Run/Stop, Temperature Setting, Mode Selection and Filter Reset) can be activated |
| INDOOR RETURN AIR TEMPERATURE | Displays the measured intake temperature from each group |
| ERROR INDICATION | Displays a 4 digit code and the affected unit address. An error log is held showing the last 64 date stamped alarms |
| TEST RUN FUNCTION | Allows each unit within the group to operate in test mode |
| VENTILATION INTERLOCK | Allows the group to be interlocked with a heat recovery Lossnay unit |
| WEB SETPOINT LIMIT | Reduce the setpoint band of each individual unit (e.g. 23°C to 25°C) |
| WEB AUTO CHANGEOVER | Automatically switch heat pump outdoor unit to cooling or heating mode depending on the requirements |
| WEB INITIAL SETTING | Commission the G50 from the web pages |
| WEB LOGIN | Administrator able to allow specific function access to guest |
| EXTERNAL INPUT/OUTPUT | Hardwired connections are available for : Inputs: Level Signal-Batch Start/Stop, Batch Emergency Stop Outputs: Start/Stop Status, Error/Normal Status |
| POWER SUPPLY PACK | PAC-SC50KUA |
| COMPATIBILITY | City Multi or Mr Slim via PAC-SF80MA or M Series via MAC-399IF |
| DIMENSIONS - mm (WxDxH) | 300x79x120 |

| G50 Software Options - Pin Code Activation | | | |
|--|---|-----------|----------------------------|
| G50 - Web Monitor | Control and Monitor the G50 via Internet Explorer | G50 - ES | Energy Saving Capability |
| G50 - Email | Enable E-mail activation on fault conditions | G50 - PC | Peak Cut Control |
| G50 - AS | Weekly / Annual Scheduling and Night Set Back | G50 - VRC | Virtual Remote Controllers |
| G50 - EC | Energy Charge | | |