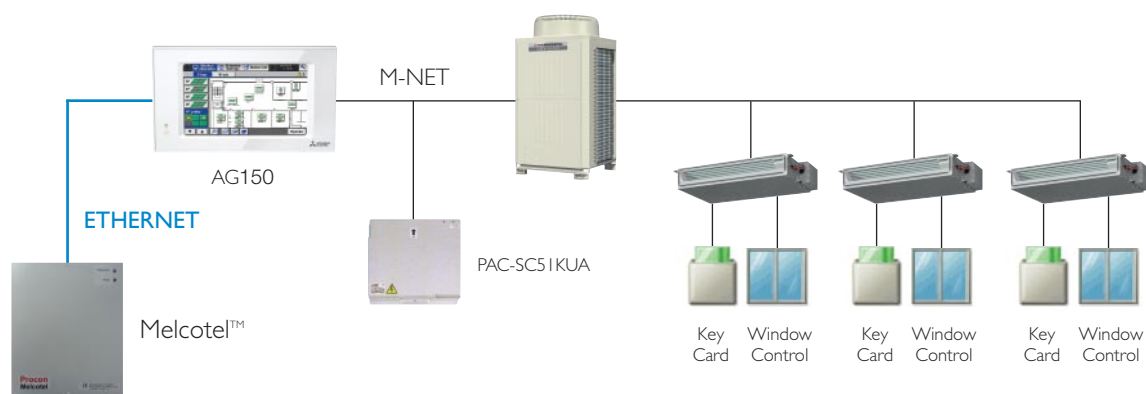


AG150/GB50 Melcotel™ Hotel Interface with Key Card System

The Melcotel™ hotel interface allows a hotel (for example) to have more accurate control over its air conditioning. The Melcotel™ works in conjunction with the key card system installed in each bedroom in many hotels. When the room is occupied, the Melcotel™ will switch ON the unit and reset the air conditioning to predetermined settings (for instance AUTO, 21°C). When the room is unoccupied, the Melcotel™ will monitor the temperature in the room. If the temperature is too low or too high, the Melcotel™ will restart the unit. The Melcotel™ also offers temperature adjustment facility based on the outside temperature and window open control, that allows the air conditioning to be switched off and controlled centrally when a window is opened. All of these functions provide a higher level of control and therefore more energy saving and a reduction in running costs.



Technical Information

| MELCOTEL™ | |
|------------------------------|---|
| FUNCTION | DESCRIPTION |
| MAX No. OF INDOOR UNITS | Up to 250 indoor units |
| TIME TO SWITCH ON | <30s |
| 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 |
| OCCUPIED ROOM SETTING | Configurable. ON, AUTO, 21°C (Factory setting) |
| UNOCCUPIED ROOM SETTING | <p>If the temperature is below 16°C the Melcotel™ restarts the unit to ON, HEAT, 19°C and stops the unit when the temperature has reached 18°C (Factory setting)</p> <p>If the temperature is above 26°C the Melcotel™ restarts the unit to ON, COOL, 21°C and stops the unit when the temperature has reached 24°C (Factory setting)</p> |
| SEASONS | Up to 4 seasons can be set-up to allow different occupied and unoccupied settings (Setpoint and mode) |
| OPTIONAL WINDOW CONTACT | If a window sensor is wired to the indoor unit, the Melcotel™ will automatically switch OFF the indoor unit when the window is opened |
| AUTOMATIC SETPOINT | The Melcotel™ will offset the occupied setpoint depending on the temperature outside (outdoor sensor supplied) |
| ADJUSTMENT NIGHT TIME OFFSET | During the night the Melcotel™ can offset the setpoint or just switch OFF the unit |
| INDOOR UNIT CONNECTION | The key card and the window contact is connected back locally to CN32. PAC-SA89TA required for each indoor unit |
| SOFTWARE | The Melcotel™ Configuration Manager allows the installer to set-up the interface using a USB cable. The Melcotel™ Live Status allows the user to monitor all the different values, for instance, Setpoint, Mode, Key Card IN or OUT, Window Contact etc |
| POWER SUPPLY | 240 VAC 2A |
| COMPATIBILITY | GB50 and AG150, but City Multi only |
| DIMENSIONS - mm (WxDxH) | 300x70x350 |

DEMONSTRATION Visit www.melcotel.co.uk for more details