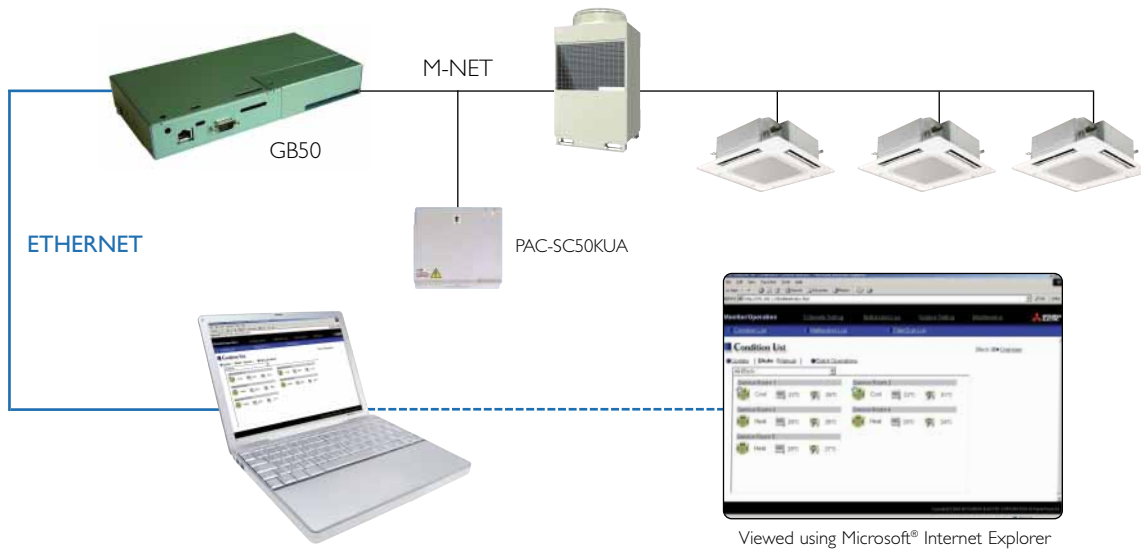


GB50 Controller

Centralised Controller with WebServer Capabilities

The GB50 has been developed to access all your control functions from the comfort of your own PC, without the need for a controller keypad or LCD display and at a very competitive price.



Viewed using Microsoft® Internet Explorer

Technical Information

Controls Range 2007

G50 Controller / GB50 Controller

GB50 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
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	Annual or weekly. Night set back option available allowing the setpoint to be set down to 12°C
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 GB50 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)	250x38x130

GB50 Software Options - Pin Code Activation	
G50 - EC	Energy Charge
G50 - ES	Energy Saving Capability
G50 - PC	Peak Cut Control
G50 - VRC	Virtual Remote Controllers
G50 - BACnet	BACnet interface