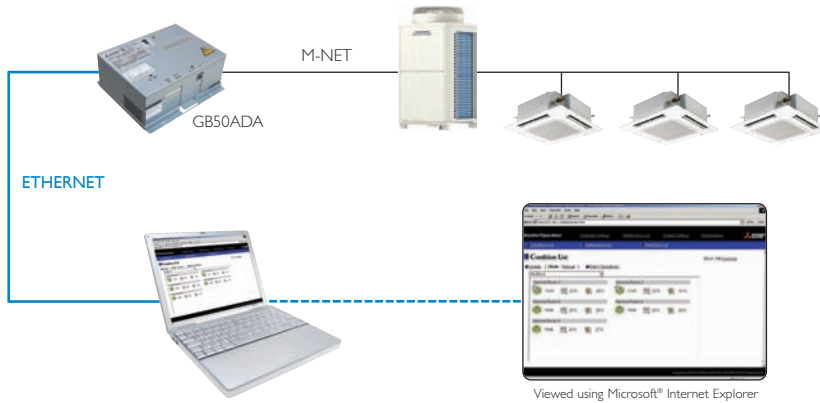


GB50ADA Controller

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.



Technical Information

GB50ADA Controller	
FUNCTION	DESCRIPTION
OPERATION PLATFORM	CPU 1000 Mhz, 512MB 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 or Windows 7
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 LOGIN	Administrator able to allow specific function access to guest
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 REFRIGERANT STATUS CHECK	Activate refrigerant volume checking function on Modular City Multi systems
WEB-INTERLOCK	The GB50 can interlock indoor unit input and output together. For instance, this function could be used for Hotel applications, if card in, set unit to ON, AUTO 21°C and if card out, set the unit to night set back. This function could also be set in conjunction with PIR sensor in meeting rooms
WEB-LOAD SHEDDING	Activate energy saving mode when energy consumption is too high
EXTERNAL INPUT/OUTPUT	Hardwired connections are available for : Inputs: Level Signal-Batch Start/Stop, Batch Emergency Stop Outputs: Start/Stop Status, Error/Normal Status
FIRE ALARM	Units will be switched off and the remote controller will be locked under fire alarm condition via a PAC-YG10HA
POWER SUPPLY	Power supply 240VAC 3.2A
COMPATIBILITY	City Multi or Mr Slim via PAC-SF81MA or M Series via MAC-3991F
DIMENSIONS - mm (WxDxH)	250x97x266

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