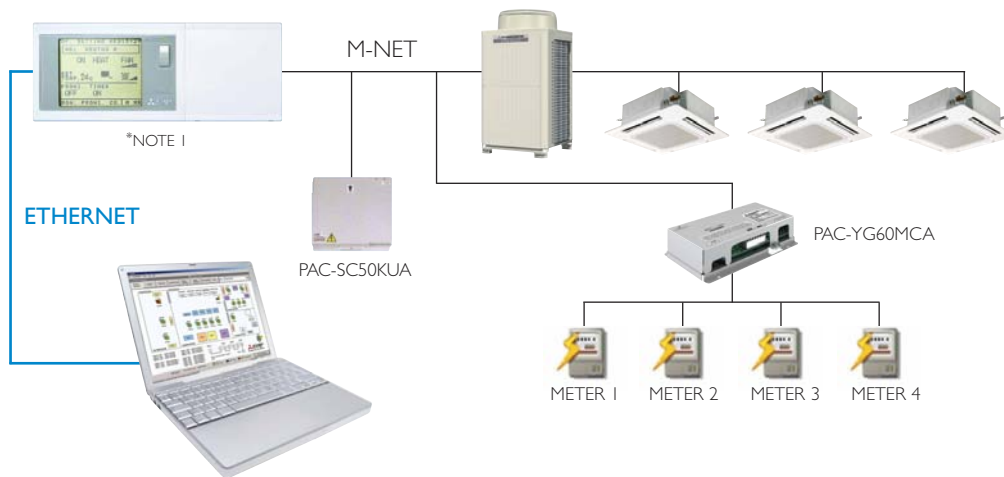


# TG2000 Software with Energy Monitoring

## PC Based Software Package

The TG2000 centralised PC based graphical software package allows the operator to control and monitor up to a maximum of 2000 indoor units. This software has been designed to connect directly to an air conditioning system via G50/GB50 controller; allowing the operator all the required functionality to control and monitor the complete air conditioning system from a central location. In addition to providing a centralised control facility, the TG2000 allows complete energy consumption data to be logged with user definable billing groups and electrical tariffs for billing purposes.



Technical Information

### TG2000 Software with Energy Monitoring

FUNCTION	DESCRIPTION
OPERATING 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	2000 Indoor units, 50 indoor units per G50/AG150/GB50
OPERATIONAL SECTIONS	The software package is split into two distinctive areas, System and Controls setting. System Setting: Password protected, System Configuration and group/block organisation, printer setting. Controls Setting: Normal Operation, monitoring and control functions as described below. The software allows individual indoor units to be allocated to logical groups, represented within user definable graphics screens, allocated during the system configuration
ON/OFF	Indicates the On/Off status of each group within the selected graphical screen or entire building
OPERATION MODE	Indicates the operational mode (Cool, Heat, Fan, Dry, Auto) for each group on the selected graphical screen
SET TEMPERATURE	Displays the set temperature for each group on the selected graphical screen. Also able to limit the set point range in both heating and cooling mode
AIR SPEED	Displays the current fan speed setting for each group on the selected graphical screen
REMOTE CONTROLLER PROHIBIT/PERMIT	Displays the current prohibit/permit status for each groups remote controller on the selected graphical screen
ABNORMALITY (FAULT) MONITORING	Individual indoor unit fault monitoring is recorded within the fault log for both viewing and printing. Fault monitoring can also be viewed via the fault log for all units associated with a particular graphical screen or the entire building. Faults can also be tracked and printed using date of failure, date of recovery and error code
ROOM TEMPERATURE MONITORING	Displays the return air temperature of the master indoor unit within a group
SCHEDULED ON/OFF	On/Off schedules can be set for each group, each graphical screen or the entire building
ENERGY CHARGING	Able to create or email bills for individual indoor units, groups of indoor units or a complete system (Optional) via the PAC-YG60MCA
WEB REFRIGERANT STATUS CHECK	Activate refrigerant volume checking function on Modular City Multi systems
ENERGY CHARGING	Able to create bills for individual indoor units, groups of indoor units or a complete system (Optional) via the PAC-YG60MCA
ENERGY SAVE CONTROL	Individual indoor unit, group of indoor units or a complete system can be controlled. There are various energy saving options available (Optional)
LOAD SHEDDING	Activate energy saving mode when energy consumption is too high
TREND LOGGING	Able to log: Return air temperature, setpoint, mode, On/Off, power consumption by group or by indoor unit, watt-hour meter and then email to customer
GRAPHICAL SCREENS	The complete system configurations can be allocated between multiple screens. Each screen can display a bitmap image representing the area of the building or floor where the units or groups are physically located
EMAIL	The following information may be sent regularly and automatically via email: energy monitoring data, energy saving data, trend logging data (temperatures etc) and fault code history

\*NOTE 1: Applicable with G50 / PAC-SC50KUA or AG150 / PAC-SC51KUA or GB50 / PAC-SC50KUA  
 NOTE 2: Energy Meters not supplied by MEUK