

Job Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Purchaser: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted To: \_\_\_\_\_ For: Reference Approval Construction  
 Submitted By: \_\_\_\_\_  
 Unit Designation: \_\_\_\_\_ Schedule No.: \_\_\_\_\_ Model No.: \_\_\_\_\_



# CITY MULTI

# TG-2000a

**Submittal Data:**

**Central Control PC Software Interface**

## TG-2000 INTEGRATED SYSTEM SOFTWARE SPECIFICATIONS

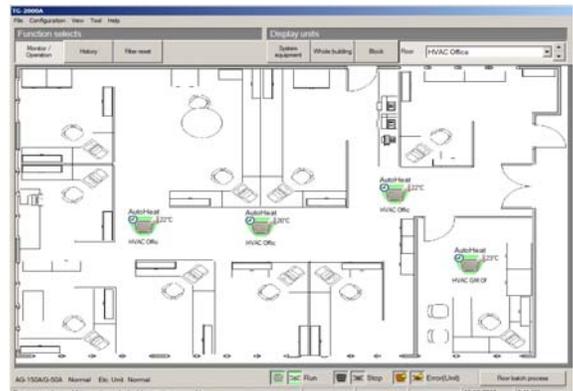
- SW-TG-2000: TG-2000 Integrated System Software enables the building manager to control up to 40 AG-150A/GB-50A Centralized Controllers with a maximum of 2,000 indoor units across multiple CITY MULTI outdoor units. Requires a field supplied dedicated networked PC and AG-150A/GB-50A software licenses (per AG-150A/GB-50A per function).

### AVAILABLE SOFTWARE FUNCTIONS

- SW-Mon: PC Monitoring
- SW-Sch: PC Scheduling
- SW-Email: Online Error Email
- SW-Maint: Online Maintenance Tool
- SW-Charge: Tenant Billing

### CHARGE FUNCTION SUMMARY

- SW-Charge: Tenant "Charge" Billing calculates per tenant CITY MULTI energy usage in kWh and in monetary amount based on the energy consumption of the outdoor unit(s) divided among the associated indoor units. Requires TG-2000 software on a dedicated network PC, and PI Controller (PAC-YG60MCA) connected to Watt Hour Meter (WHM).- (field supplied)



Energy monitoring set up wizard - Step 5: Electrical specifications of indoor units.

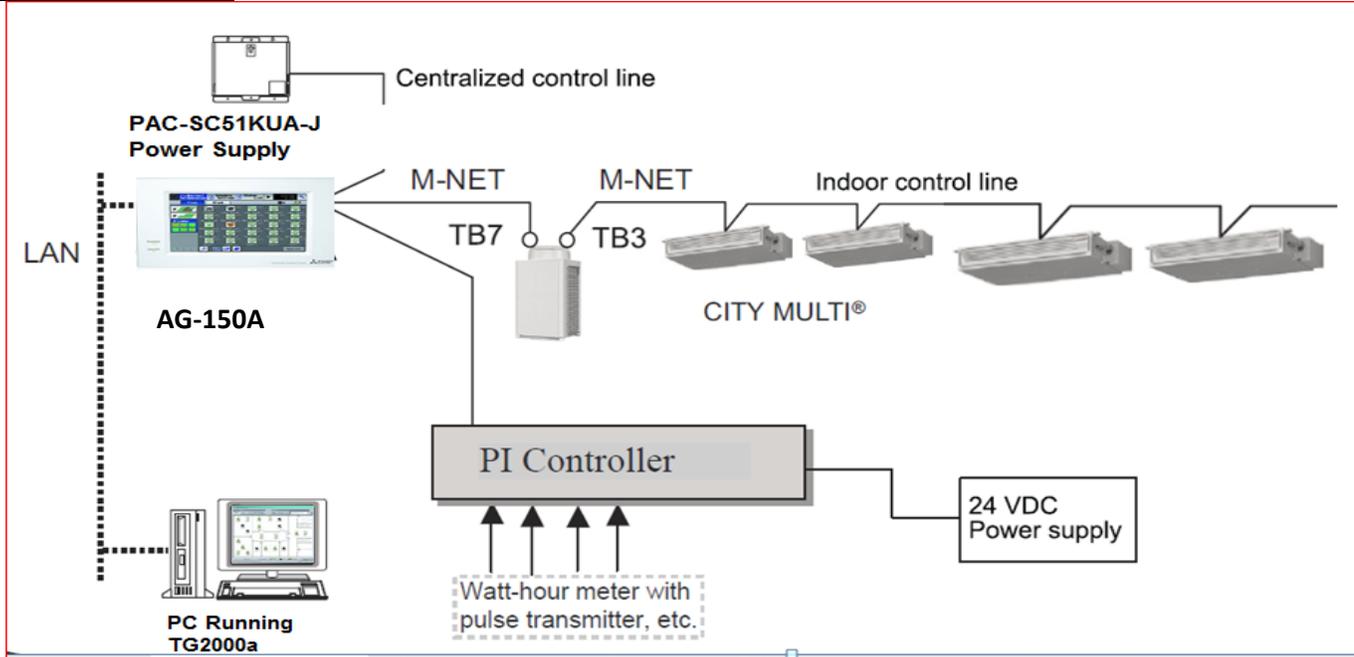
Address for indoor unit	Cooling Capacity (kW)	Power Input (kW)	Auxiliary heater (kW)
1-001	4.40	0.000	0.000
1-002	4.40	0.000	0.000
1-003	4.40	0.000	0.000
1-004	4.40	0.000	0.000
1-005	3.30	0.000	0.000
1-006	3.30	0.000	0.000
1-007	4.40	0.000	0.000
1-008	1.10	0.000	0.000

Plumbers which are required input



NOTES:

## Network Layout



## System Requirements

### TG-2000 COMPUTER REQUIREMENTS • SOFTWARE VERSION: 4.70 OR LATER

Item	Requirement	Recommended/Notes
PC	PC/AT interchangeable machine	Recommended: Dell, IBM, Compaq)
CPU	1-1000 Indoor Units: Pentium IV 1.8 GHz or faster 1001-2000 Indoor Units: Pentium IV 2.8 GHz or faster	Pentium IV 2.8 GHz or faster
OS	Windows XP Professional Windows 2000 Professional Service Pack 2	English version only
Memory	256 MB or more	512 MB or more
HDD	Standard 6 GB or more (2 GB or more of C-drive free space necessary)	4 GB or more of C-drive free space recommended. When using the trend function, the drive used for automatic output must have the following free space according to the number of groups. 200 groups = 2 GB, 500 groups = 5 GB, 1000 groups = 10 GB, 2000 groups = 20 GB
	Wide Area 20 GB or more (Free space)	Standard: max 200 MB/site
Serial Port	1 port or more	Required when using RS-485 communication for WHM
LAN	10Base-T/100Base-TX	
Modem	56k modem or TA	Required for wide area mode for TG-2000
Storage Device	CD, Disk Drive, USB, etc.	Optional
Resolution	1024x768 or higher, 65536 colors or more	
Other	Computer must be dedicated for use TG-2000 Requires 24-hour constant operation Requires UPS	Requires 24-hour constant operation

NOTES: