

Job Name/Location:

Tag #:

Date: _____ For: File Resubmit
 PO No.: _____ Approval Other _____
 Architect: _____ GC: _____
 Engr: _____ Mech: _____
 Rep: _____
 (Company) _____ (Project Manager) _____

PREMTB10U
 LG Programmable Thermostat



Electrical:

Power Supply	Powered from indoor unit
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Surrounding Conditions:

Operating Temperature	-4-158 °F
Storage Temperature	-4-176 °F
Humidity	0-90% (non-condensing)

Unit Data:

Dimensions	4-3/4" W x 4-3/4" H x 5/8" D
Maximum Number of Indoor Units (per controller)	16
Maximum Number of Controllers (per group)	2

Standard Features:

- 4-1/4" Backlit LCD
- Clock

Basic Functions:

- Room temperature display
- Operation - On/Off
- Mode - Auto/Cool/Dry/Heat/Fan Only (for AC unit)
- Ventilation mode (for ventilator unit)
- Occupied cooling and heating temperature setpoints
- Unoccupied cooling and heating setback temperature setpoints
- Fan speed - Auto/Low/Med/High/Power
- Discharge vanes - Auto/Swing/Fixed¹
- Controller lock function
- Static pressure setting
- Function setting for plasma filter, electric heat, humidifier, elevation grille, ventilation kit, and auxiliary heat option
- Error code display during unit or system malfunction
- Power failure compensation (48 hours)

Advanced Functions:

- 7-day programmable schedule, 5 events per day with control of occ/unocc, on/off, mode, setpoints, and fan speed
- Two setpoint autochangeover
- Minimum difference between setpoints (0-10°F)
- Setback button
- Timed override button

Notes:

1. Model specific, not available on all models.
2. Communication cable can be extended to a maximum of 164 feet by using the Wired Remote Group Control Cable Assembly (PZCWRG3) or Wired Remote Extension Cable (PZWRC1), maximum of 4.
3. Must follow installation instructions in the applicable LG installation manual.

Optional Accessories (sold separately):

- PZCWRG3 - 33-foot Extension Cable Assembly
- PZCWRG3 - Group Control Cable Kit
- PQWRHDF0 - Wireless Remote Controller

For continual product development, LG reserves the right to change specifications without notice.

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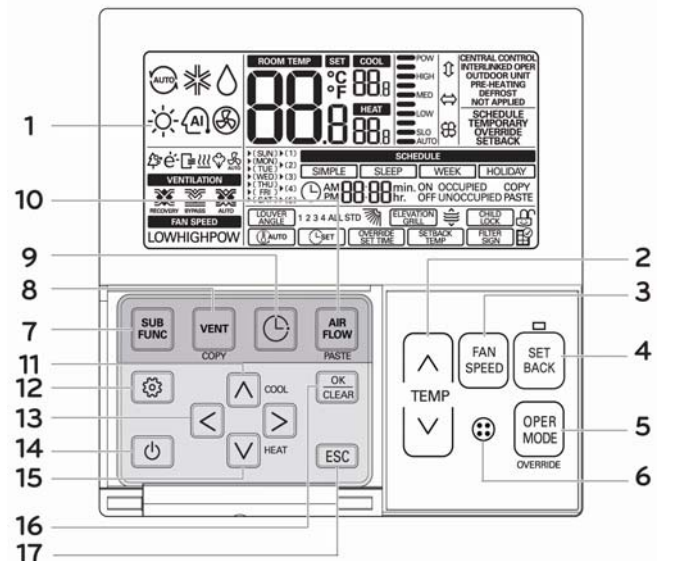
Connectivity:

LG Communications	1 Channel/RS-485 V-Net
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Communications Cabling Specifications (V-Net):

Type	Included
Size	AWG 24-3
Length ²	32 ft

AWG - American Wire Gage



- | | |
|---|---------------------------------|
| 1 Operation indication screen | 10 Air flow button |
| 2 Set temperature button | 11 Cooling desired temperature |
| 3 Fan Speed button | 12 Function setting button |
| 4 Set back button | 13 Up, Down, Left, Right button |
| 5 Operation mode ¹ selection | 14 On/Off button |
| 6 Wireless remote controller | 15 Heating desired temperature |
| 7 Sub function button | 16 Setting/Cancel button |
| 8 Ventilation button | 17 Exit button |
| 9 Reservation button | |