

# 2

## Installation

### 2.3 Installation site

#### ■ Installation location requirements

Consider the following points to ensure safe and appropriate unit operation when selecting the installation site.

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#### 2.3.1 Ambient temperature and humidity

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For optimal performance, operate this unit within the following temperature and humidity specifications.

Temperature range:	18 °C to 28 °C
Relative humidity range:	50 % to 60 % (Avoid use under conditions where condensation forms)
Operating temperature range:	5 °C to 40 °C
Operating humidity range:	5 % to 90 % (Avoid use under conditions where condensation forms)

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#### 2.3.2 Installation location

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Install the unit on a firm, stable and flat base.

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#### 2.3.3 Corrosive gas and dust

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Avoid exposure to corrosive gas and excessive dust to prolong the service life and maintain optimal unit performance.

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#### 2.3.4 Electro-magnetic fields and power supply noise

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This unit should not be used near strong electro-magnetic fields. The power supply must have little or no noise. These items can cause instrument problems.  
Do not use a cell phone near a detector (especially TCD or FTD).

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#### 2.3.5 Other precautions

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For optimal performance, avoid the following conditions during installation:

- (1) Fluctuating ambient temperature.
- (2) Temperature changes from heating or air conditioning.
- (3) Direct sunlight.
- (4) Vibrations.