

TY6000Z, TY9000Z

Neostat

Room Temperature Controllers

The TY6000Z is a room temperature controller used for ON/OFF control of a heater or cooler. The TY9000Z is a proportional type temperature controller used in combination with a control motor for proportional control of heating or cooling control valves or dampers. The TY6001Z and TY9001Z models have a summer-winter changeover switch.



Specifications

Rated operating conditions	15°C to 30°C
Transportation/ storage conditions	Temperature -20°C to +50°C
	Humidity 95% RH max. (no condensation allowed)
Differential	Approx. 1°C (fixed) for TY6000Z and TY6001Z
Proportional band	Approx. 2.5°C (fixed) for TY9000Z and TY9001Z
Sensing element	Temperature-sensitive diaphragm
Materials	Cover: PC resin, pale gray Base: Modified PPE resin, pale gray
Mass	Approx. 190g
Accessories	4 mounting screws for main unit (M3, 16mm)

Selection Guide

Example: TY6000Z1000

Segment	Model No. selection	Control action	Output	Summer-winter changeover switch
I	Basic No.			
	TY6000Z	ON/OFF	SPDT contact	No
	TY6001Z			Yes
	TY9000Z	Proportional	135Ω potentiometer	No
	TY9001Z			Yes
II	Range	1000	15°C to 30°C	

* A circle (○) denotes availability.

Accessories (sold separately)

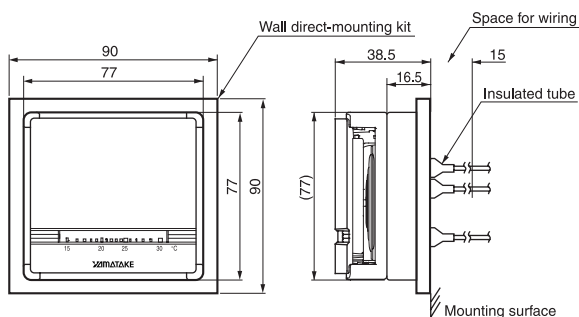
Model No.	Description
83165803-001	Wall direct-mounting kit
83165803-011	Thermoplate mounting kit
83165803-021	Multi-Thermocase mounting kit
QY1100A	Thermoplate for individual room control (with slide switch)
QY1100C, D	Thermoplate for individual room control (with rotary switch)
DY2000A1022	Thermoplate (mounts 1 unit; rectangular; vertical orientation)
DY2000A1023	Thermoplate (mounts 1 unit; rectangular; horizontal orientation)
DY2000A2023	Thermoplate (mounts 2 units; rectangular; horizontal orientation; with outlet box)
DY2000A2024	Thermoplate (mounts 2 units; rectangular; horizontal orientation; with switch box)
DY2000A3022	Thermoplate (mounts 3 units; rectangular; horizontal orientation)
DY2000A1021	Conduit connection Thermoplate (mounts 1 unit; square shape)*
DY2000A2021	Conduit connection Thermoplate (mounts 2 units; rectangular; horizontal orientation)*
DY2000A3021	Conduit connection Thermoplate (mounts 3 units; rectangular; horizontal orientation)*
TY1100Z1000	Multi-Thermocase

* Used only for open wiring.

Dimensions

(Unit: mm)

• ON/OFF control type with wall-mounting kit



• Proportional control type with wall-mounting kit

