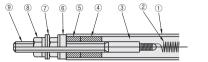
Features

As all the areas exposed to air are made of stainless steel (SUS316L, SUS321, SUS304), it is excellent for corrosion resistance.
 Maximum Operating Temperature: 160°C (Ambient Temperature).

Basic Structure

In the center of the metal pipe is the heater, which is made of spiral heat generating body filled with high insulating material.

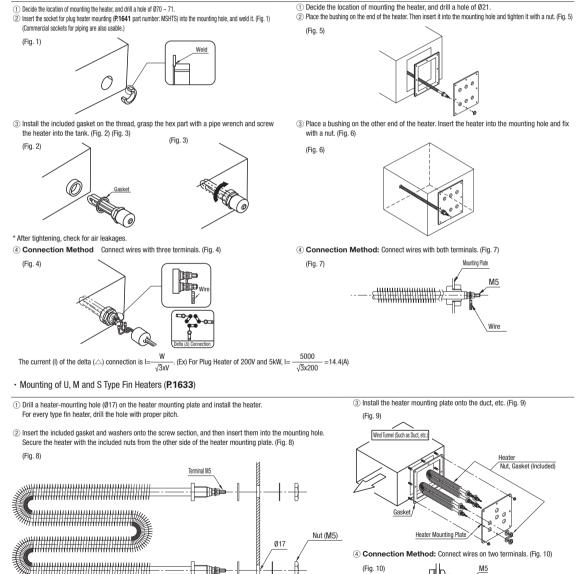


Stainless Steel Tubes
 () Stainless Steel Tubes
 () Stainless Steel Tubes
 () Ferminal Section Isolation Material (Ceramic)
 () Washer
 () Isoulation Powder (Magnesia)
 () Isoulation Sealing on Terminal
 () Isoulation Sealing on Terminal

How to Mount



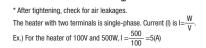




Flat Washer

M16×P1.5

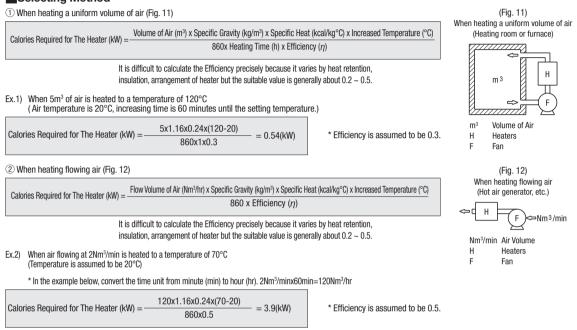
Gaske



Precautions for Use

Prevent heater terminals from getting wet. Otherwise, leakage or short circuit may be caused.
Pay attention to the current contact conditions to connect wire terminals properly.
Do not use over the rated voltage (V).
When removing the heater from the heated object, make sure the power is turned off. Do not touch the heater immediately after the power is turned off.
Use the temperature controller for safety.
Heater will slightly inflate by heating. Make room between the mounting part and the end surface.

Selecting Method



Specific Heat and Specific Gravity of Air

Substance	Specific Gravity (kg/m ³)	Specific Heat (kcal/kg°C)
Air	1.16	0.24

Actual Measurement Data: Time of Increasing / Decreasing Temperature for Each Electric Power

