

Air Sheathed Heaters

Configurable

Air Sheathed Heaters – Configurable U / S

MAHUS U Type
100V, 200V Single-Phase

MAHUS
Material: Element: 321 Stainless Steel
Bushing: 304 Stainless Steel (M16 x 1.5)

Accessory: (2 pcs. for each)
Gasket: Non Asbestos
Flat Washers: 304 Stainless Steel
Nut: 304 Stainless Steel (M16 x 1.5) Thickness: 6, Opposite side: 24, Opposite angle: 27.7

MAHSS S Type
100V, 116V, 200V Single-Phase

MAHSS
Material: Element: 321 Stainless Steel Accessories: Flanged Insulator – Aluminum Ring (2 pcs. each)

Configurable U-Type

Part Number		1 mm Increment		V (Voltage) Selection	W (Electrical Power) 10 W Increment	Electrical Power Density (W/cm ²)
Type	No.	L	A			
MAHUS	12	200–600	60–100	100 200	150–1750	0.3 ≤ W/cm ² ≤ 4.0 ⊖ W/cm ² = W/3.77[(2L+0.57A-84)/10]

Configurable S-Type

Part Number		L 10 mm Increment	V (Voltage) Selection	W (Electrical Power) 10 W Increment	Electrical Power Density (W/cm ²)
Type	No.				
MAHSS	12	200–1500	100 116 200	150–2250	0.7 ≤ W/cm ² ≤ 4.0 ⊖ W/cm ² = W/3.77(L/10)

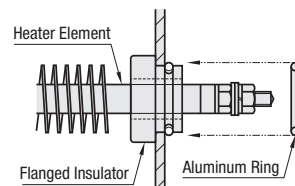
⊖ Be sure to refer to "cautions for use" stated in the heaters for air heating guide on P.3733.

Part Number Example
 Part Number: MAHUS12 - L350 - A100 - V200 - W600

Part Number: MAHSS12 - L400 - V200 - W150

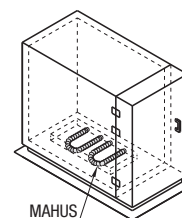
Mounting Method for MAHSS

- Slit has been added to aluminum rings.
- Can be installed by hands.
- Use mounting plate with thickness 3 mm or less.



Application Example

Dryer
(Natural Convection Type)
Equipped with a rack on the top



Air Sheathed Heaters / Finned Tubes

Standard

Air Sheathed Heaters – Standard

MAHU U Type
100V, 200V Single-Phase

MAHM M Type
100V, 200V Single-Phase

MAHS S Type
200V Single-Phase

Material: Element : 304 Stainless Steel
Bushing : 304 Stainless Steel
Gasket : Non Asbestos (only for U and M Types)
Flat Washers : 304 Stainless Steel
Nut : 304 Stainless Steel

Accessory: (1) Bushing for S Type: Insulator (only for S type) 2 pcs.
(2) Nut for S Type : Insulator (only for S type) 2 pcs.

⊖ Maximum Operating Temperature: 160°C

Standard Heaters

Part Number		L	W (Electrical Power)	V (Voltage)	Electrical Power Density (W/cm ²)
Type	No.				
MAHU	1	200	500	100	4.0
	2	270	1000		
	3	400	1500	200	5.5
	4	510	2000		
MAHM	1	200	500	100	2.0
	2	250	1000		
	3	280	1500	200	3.0 4.0 4.5
	4	330	2000		
MAHS	1	330	500	200	3.9 4.1 4.2 4.3
	2	420	667		
	3	500	833		
	4	590	1000		

Part Number Example
 Part Number: MAHU4

⊖ Be sure to refer to "cautions for use" stated in the heaters for air heating guide on P.3733.