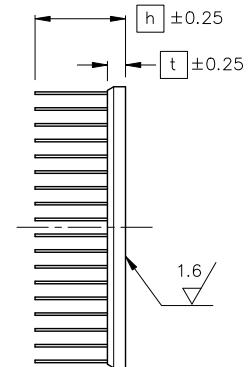
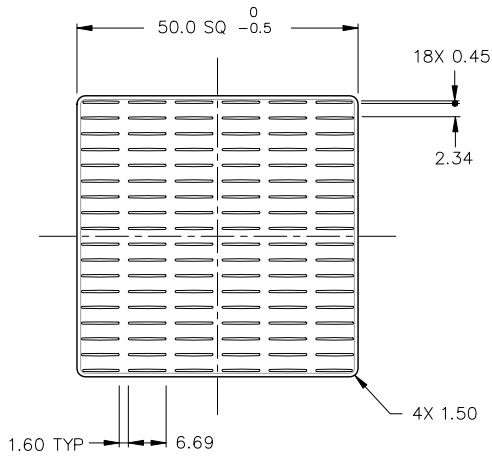
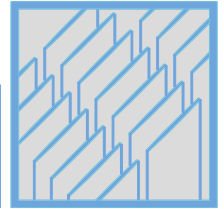


# ALPHA

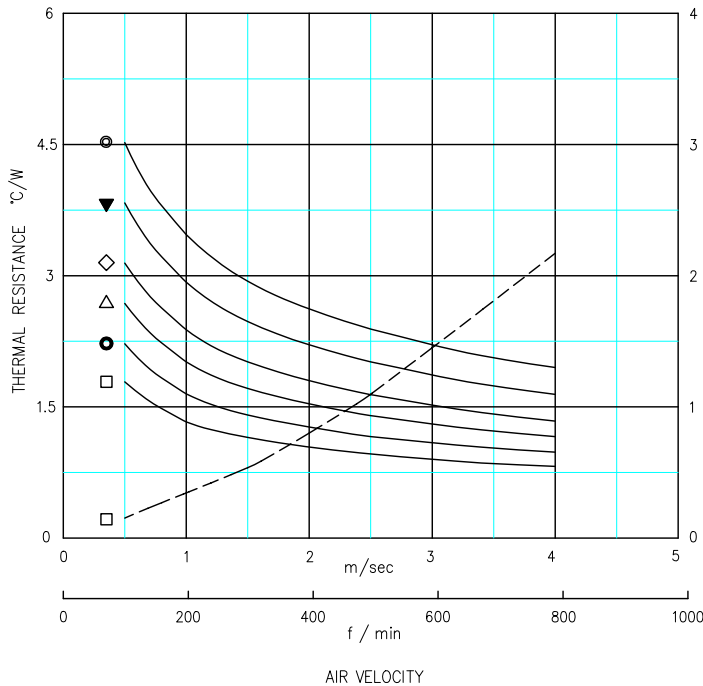
Balance between low thermal resistance Low pressure drop

# ULP50



MATERIAL : A6063  
 FINISH : BLACK ANODIZE  
 DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP50-6B	6	2.50	18.1
ULP50-8B	8		18.9
ULP50-10B	10		26.0
ULP50-12B	12	3.50	26.8
ULP50-15B	15		28.0
ULP50-20B	20		30.0
ULP50-[h]B	$h \leq 9$	2.50	-
	$9 < h \leq 20$	3.50	-



- ULP50-6B
- ▼ ULP50-8B
- ◇ ULP50-10B
- △ ULP50-12B
- ULP50-15B
- ULP50-20B

● DUCTED CONDITION  
 DUMMY HEATER SIZE: 12.7 SQ  
 THERMAL RESISTANCE ———  
 PRESURE DROP - - - - -

■ BASED ON ALPHA'S STANDARD TEST PROCEDURE.  
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 PHONE +81(55)966 0789  
 FAX +81(55)966 9192  
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 URL : <https://www.micforg.co.jp>

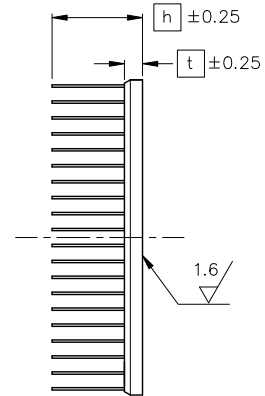
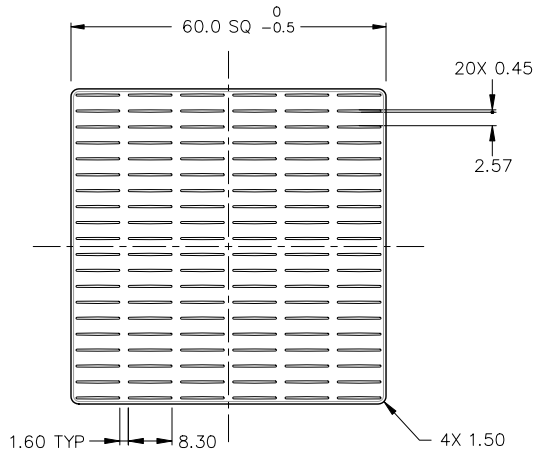
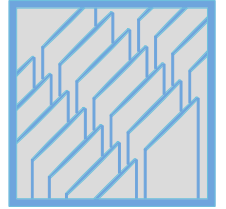
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 FAX +1(408)567-8053  
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# ALPHA

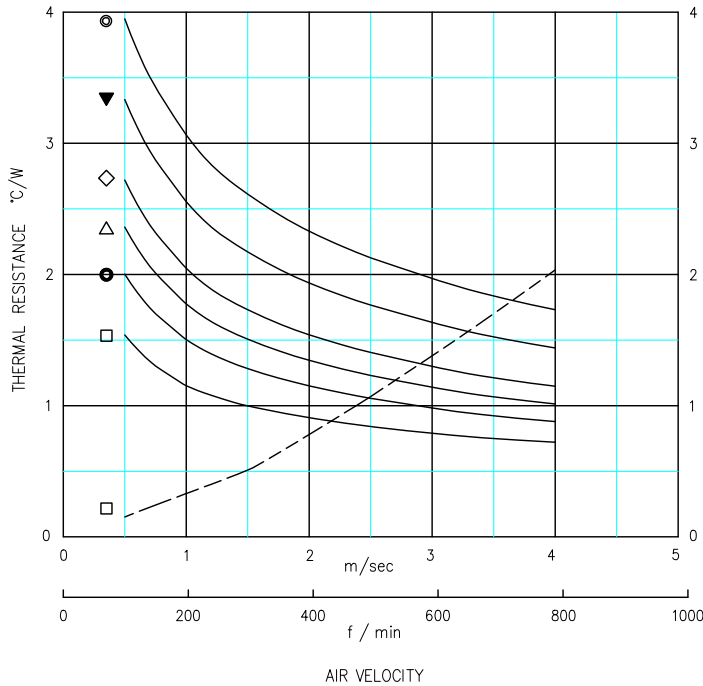
Balance between low thermal resistance Low pressure drop

# ULP60



MATERIAL : A6063  
 FINISH : BLACK ANODIZE  
 DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP60-6B	6	3.00	30.5
ULP60-8B	8		31.7
ULP60-10B	10	4.00	41.8
ULP60-12B	12		42.9
ULP60-15B	15		44.6
ULP60-20B	20		47.4
ULP60-[h]B	$h \leq 9$	3.00	-
	$9 < h \leq 20$	4.00	-



- ⊙ ULP60-6B
- ▼ ULP60-8B
- ◇ ULP60-10B
- △ ULP60-12B
- ULP60-15B
- ULP60-20B

● DUCTED CONDITION  
 DUMMY HEATER SIZE: 12.7 SQ  
 THERMAL RESISTANCE ———  
 PRESURE DROP - - - - -

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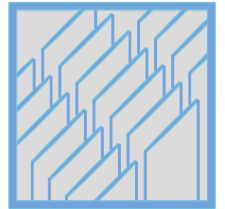
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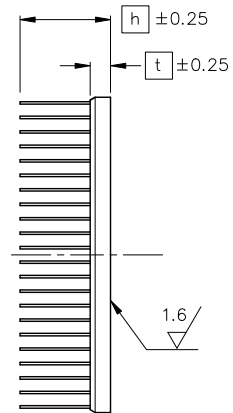
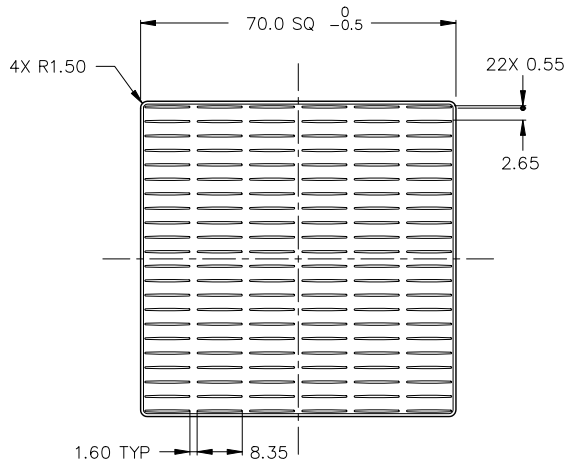
# ALPHA

Balance between low thermal resistance Low pressure drop

# ULP 70



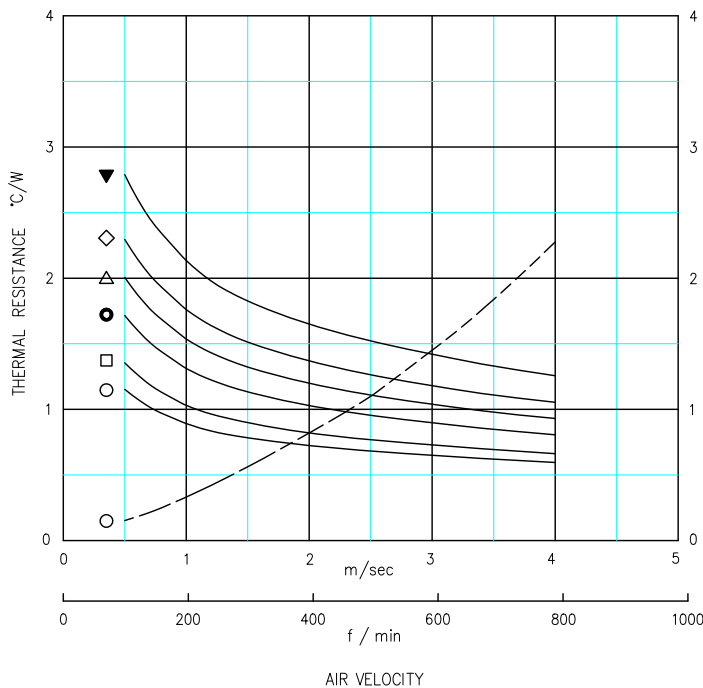
DIM



MATERIAL : A6063  
 FINISH : BLACK ANODIZE  
 DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP70-8B	8	3.00	47.9
ULP70-10B	10		51.3
ULP70-12B	12		54.7
ULP70-15B	15	4.50	76.9
ULP70-20B	20		85.4
ULP70-25B	25		93.9
ULP70-[h]B	[h] ≤ 12	3.00	-
	12 < [h] ≤ 25	4.50	-

DATA



- ▼ ULP70-8B
- ◇ ULP70-10B
- △ ULP70-12B
- ULP70-15B
- ULP70-20B
- ULP70-25B

● DUCTED CONDITION  
 DUMMY HEATER SIZE: 12.7 SQ  
 THERMAL RESISTANCE ———  
 PRESURE DROP - - - - -

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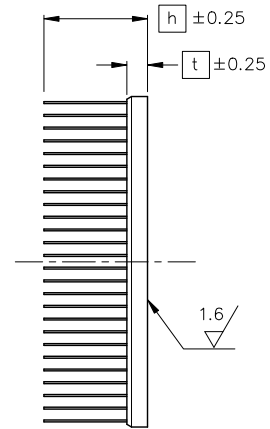
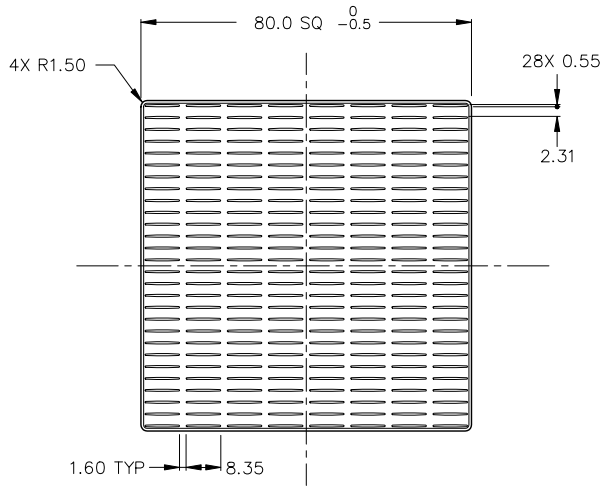
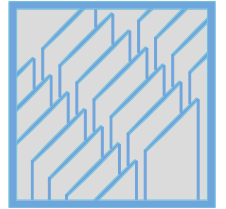
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# ALPHA

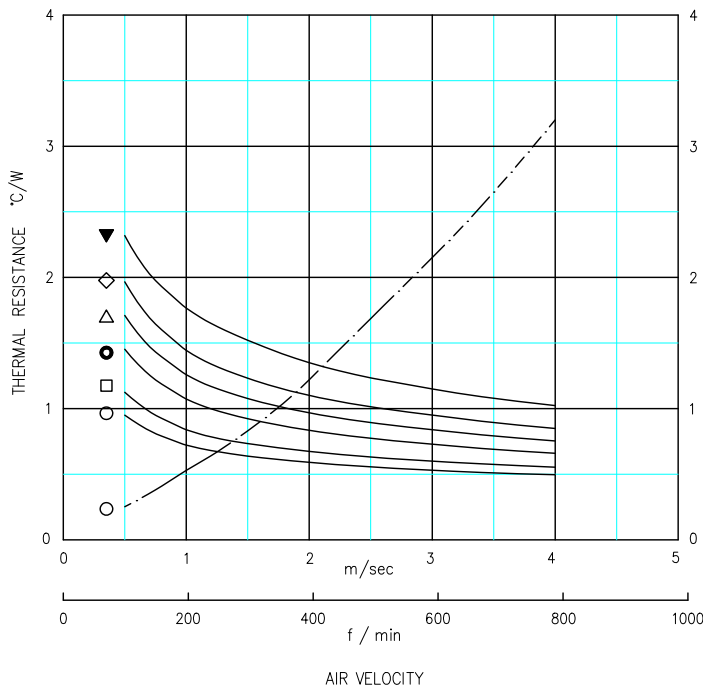
Balance between low thermal resistance Low pressure drop

# ULP 80



MATERIAL : A6063  
 FINISH : BLACK ANODIZE  
 DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP80-8B	8	4.00	78.2
ULP80-10B	10		83.0
ULP80-12B	12		87.8
ULP80-15B	15	5.00	109.8
ULP80-20B	20		121.8
ULP80-25B	25		133.9
ULP80-[h]B	[h] ≤ 12	4.00	-
	12 < [h] ≤ 25	5.00	-



▼ ULP80-8B  
 ◇ ULP80-10B  
 △ ULP80-12B  
 ● ULP80-15B  
 □ ULP80-20B  
 ○ ULP80-25B  
 ● DUCTED CONDITION  
 DUMMY HEATER SIZE: 12.7 SQ  
 THERMAL RESISTANCE ———  
 PRESURE DROP - - -  
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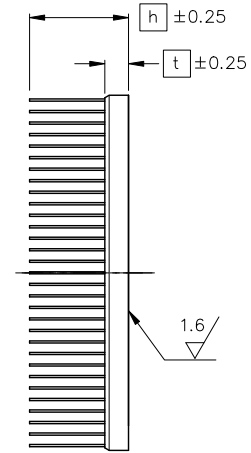
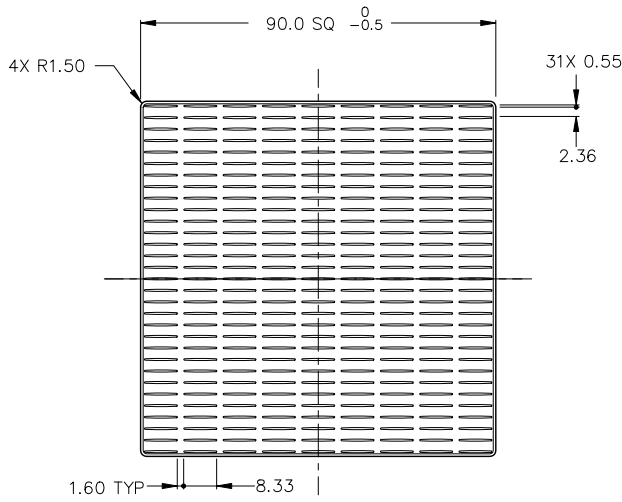
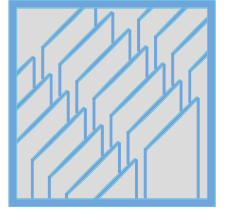
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# ALPHA

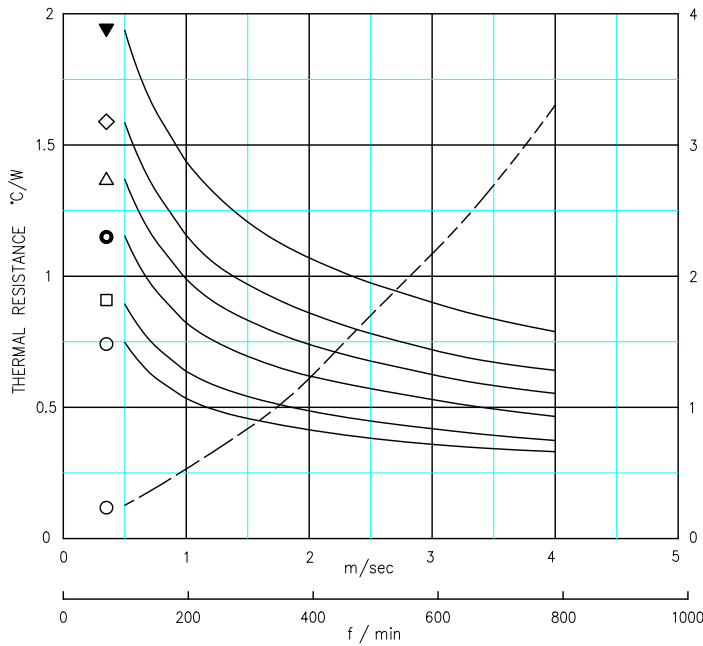
Balance between low thermal resistance Low pressure drop

# ULP90



MATERIAL : A6063  
 FINISH : BLACK ANODIZE  
 DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP90-8B	8	4.00	98.9
ULP90-10B	10		104.9
ULP90-12B	12		110.9
ULP90-15B	15	6.00	157.3
ULP90-20B	20		172.3
ULP90-25B	25		187.3
ULP90-[h]B	[h] ≤ 12	4.00	-
	12 < [h] ≤ 25	6.00	-



- ▼ ULP90-8B
- ◇ ULP90-10B
- △ ULP90-12B
- ULP90-15B
- ULP90-20B
- ULP90-25B

● DUCTED CONDITION  
 DUMMY HEATER SIZE: 12.7 SQ  
 THERMAL RESISTANCE ———  
 PRESURE DROP - - - -

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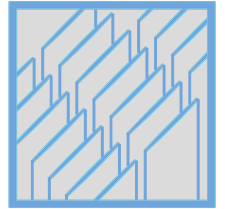
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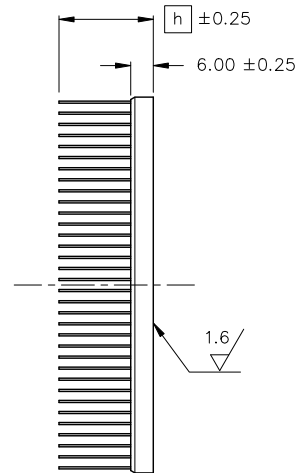
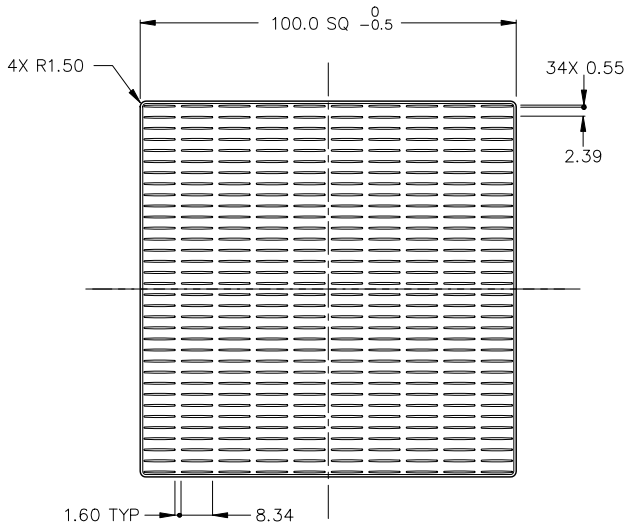
# ALPHA

Balance between low thermal resistance Low pressure drop

# ULP100



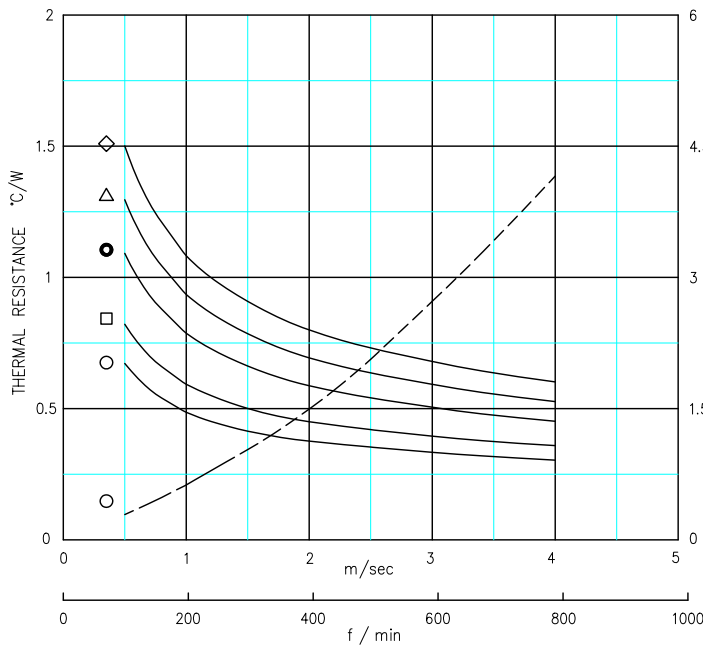
DIM



MATERIAL : A6063  
 FINISH : BLACK ANODIZE  
 DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP100-10B	10	4.50	140.9
ULP100-12B	12		148.2
ULP100-15B	15		194.0
ULP100-20B	20	6.00	212.3
ULP100-25B	25		230.6
ULP90-[h]B	[h] ≤ 12	4.00	-
	12 < [h] ≤ 25	6.00	-

DATA



- ◇ ULP100-10B
- △ ULP100-12B
- ULP100-15B
- ULP100-20B
- ULP100-25B

● DUCTED CONDITION  
 DUMMY HEATER SIZE: 25.4 SQ  
 THERMAL RESISTANCE ———  
 PRESURE DROP - - - - -

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 E mail : alpha@micforg.co.jp  
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