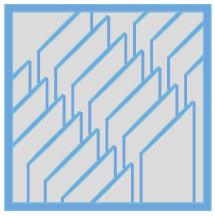


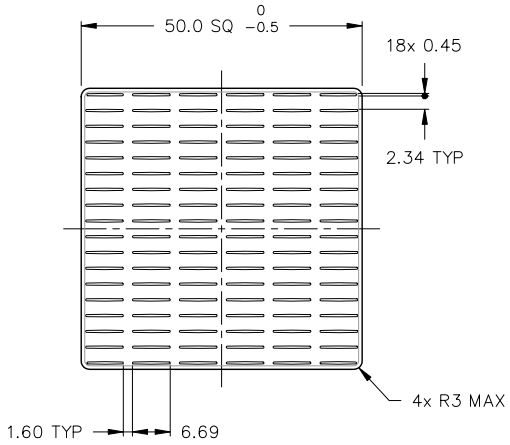
ULP Series

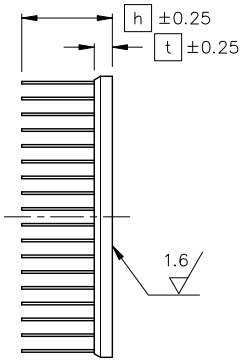
Balance between low thermal resistance Low pressure drop

ALPHA

ALPHA Balance between low thermal resistance Low pressure drop ULP50

DIM

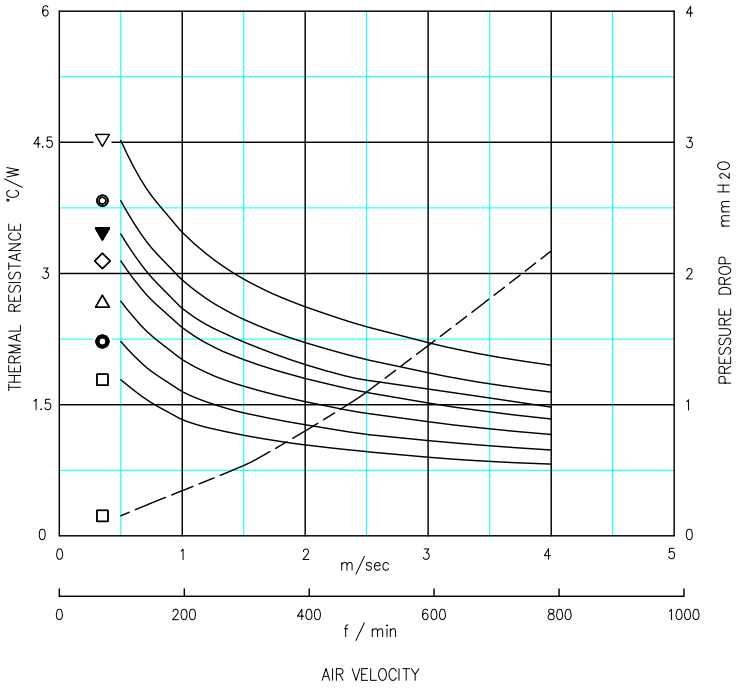




MODEL	HEIGHT h	THICKNESS t	WEIGHT (grams)
ULP50−6B	6	2.50	18.1
ULP50−8B	8		18.9
ULP50−9B	9		21.7
ULP50−10B	10	3.50	26.0
ULP50−12B	12		26.8
ULP50−15B	15		28.0
ULP50−20B	20		30.0
ULP50−hB	h ≦ 9	2.50	−
	9 < h ≦ 20	3.50	−

MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

DATA



▽ ULP50−6B
◎ ULP50−8B
▼ ULP50−9B
◇ 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.
REFER TO TECHNICAL INFORMATION.

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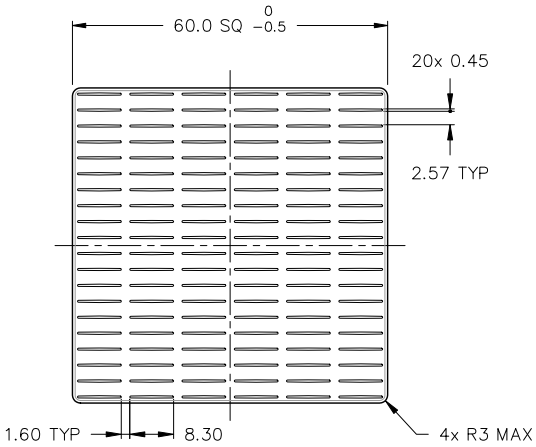
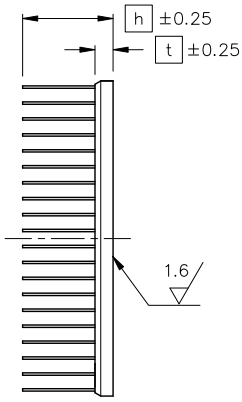
ALPHA Balance between low thermal resistance Low pressure drop ULP60

DIM

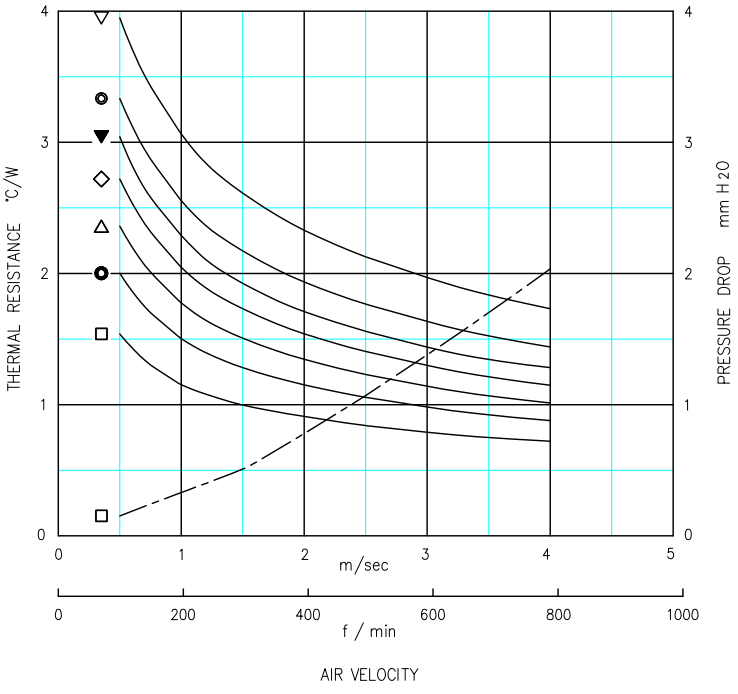




MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP60-6B	6	3.00	30.5
ULP60-8B	8		31.7
ULP60-9B	9		35.4
ULP60-10B	10	4.00	41.8
ULP60-12B	12		42.9
ULP60-15B	15		44.6
ULP60-20B	20		47.4
ULP60-[h]B	[h] ≦ 9	3.00	–
	9 < [h] ≦ 20	4.00	–

MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

DATA



▽ ULP60-6B
◎ ULP60-8B
▼ ULP60-9B
◇ ULP60-10B
△ ULP60-12B
● ULP60-15B
□ ULP60-20B

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

BASED ON ALPHA'S STANDARD TEST PROCEDURE.
REFER TO TECHNICAL INFORMATION.

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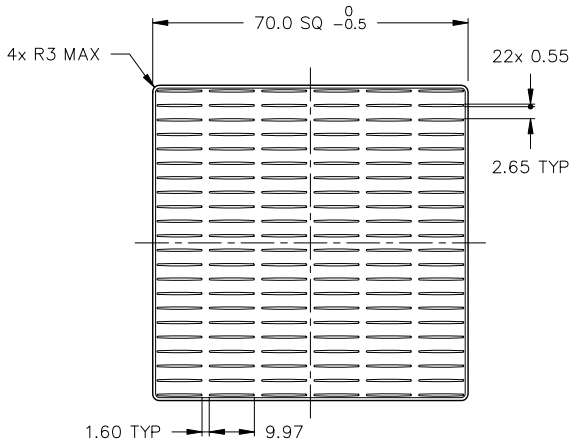
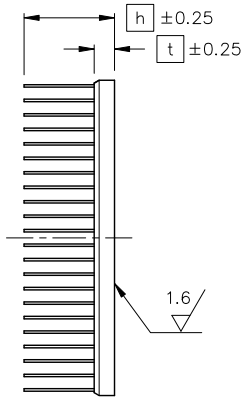
ALPHA

Balance between low thermal resistance Low pressure drop

ULP 70

DIM

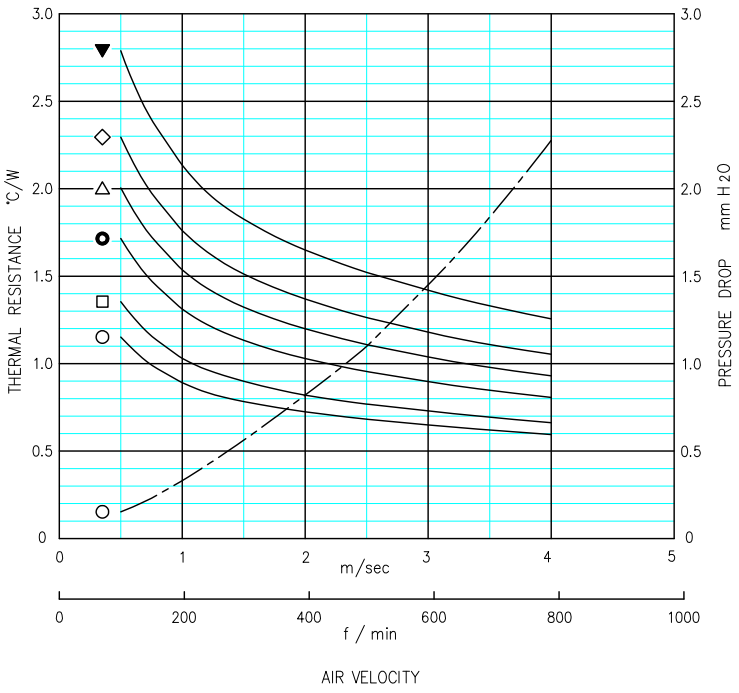




MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP70-8B	8	3.00	47.9
ULP70-10B	10		51.3
ULP70-12B	12		54.7
ULP70-15B	15	4.50	76.9
ULP70-20B	20		85.4
ULP70-25B	25		93.9
ULP70-[h]B	[h] ≦ 12	3.00	–
	12 < [h] ≦ 25	4.50	–

MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

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 — - —

BASED ON ALPHA'S STANDARD TEST PROCEDURE.
REFER TO TECHNICAL INFORMATION.

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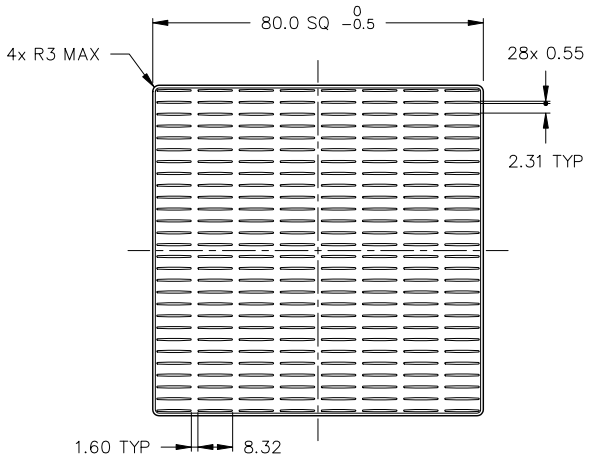
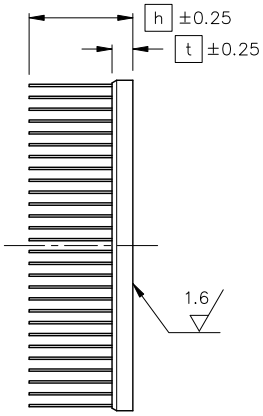
ALPHA

Balance between low thermal resistance Low pressure drop

ULP 80

DIM

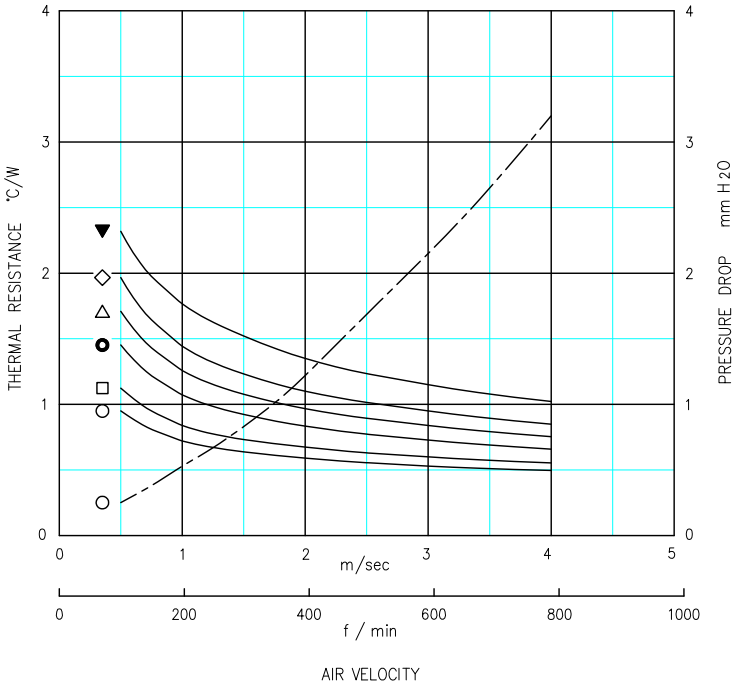




MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP80-8B	8	4.00	78.2
ULP80-10B	10		83.0
ULP80-12B	12		87.8
ULP80-15B	15	5.00	109.8
ULP80-20B	20		121.8
ULP80-25B	25		133.9
ULP80-[h]B	[h] ≦ 12	4.00	–
	12 < [h] ≦ 25	5.00	–

MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

DATA



▼ ULP80-8B
◇ ULP80-10B
△ ULP80-12B
○ ULP80-15B
□ ULP80-20B
○ ULP80-25B

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

■ BASED ON ALPHA'S STANDARD TEST PROCEDURE.
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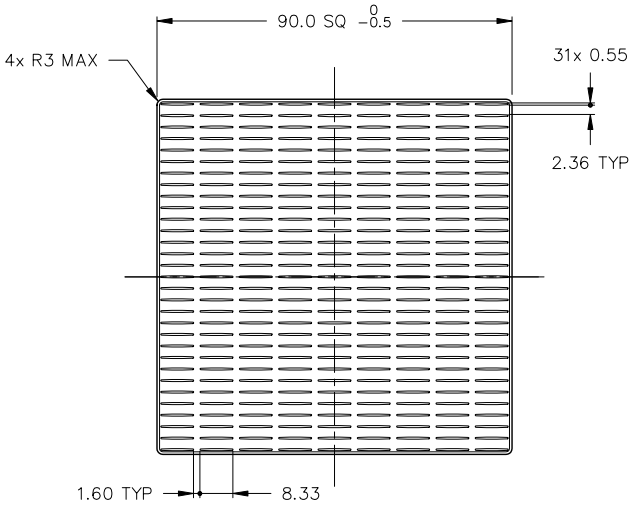
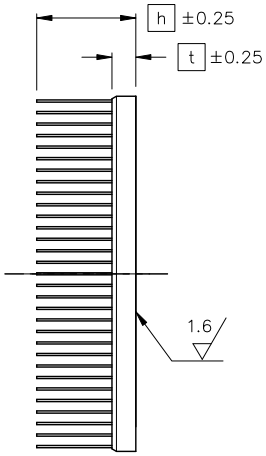
ALPHA

Balance between low thermal resistance Low pressure drop ULP90

DIM

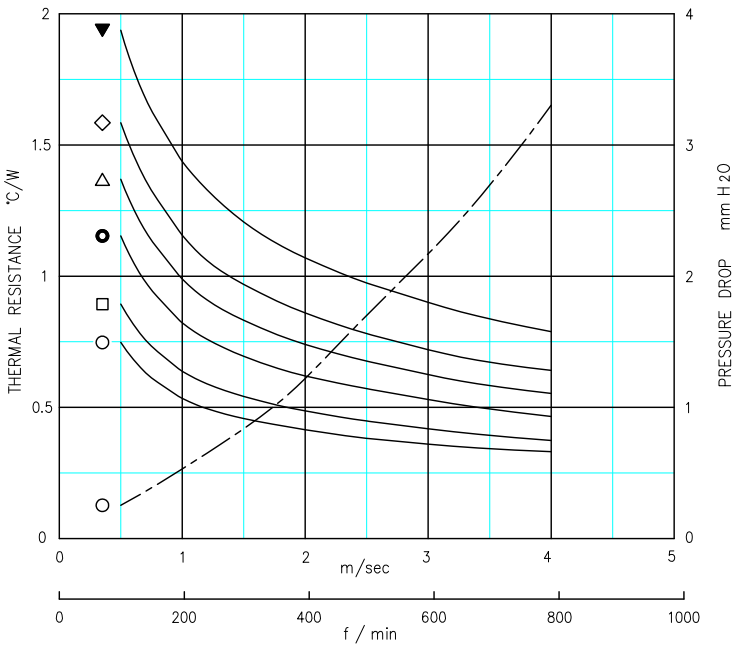




MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP90-8B	8	4.00	98.9
ULP90-10B	10		104.9
ULP90-12B	12		110.9
ULP90-15B	15	6.00	157.3
ULP90-20B	20		172.3
ULP90-25B	25		187.3
ULP90-[h]B	[h] ≦ 12	4.00	–
	12 < [h] ≦ 25	6.00	–

MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

DATA



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

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

■ BASED ON ALPHA'S STANDARD TEST PROCEDURE.
REFER TO TECHNICAL INFORMATION.

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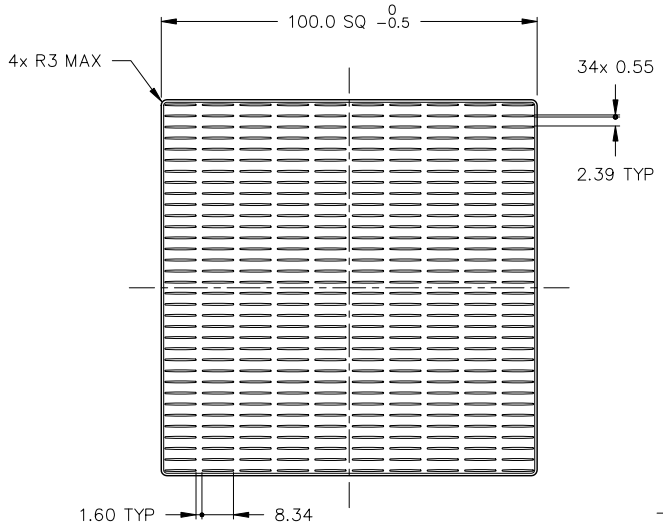
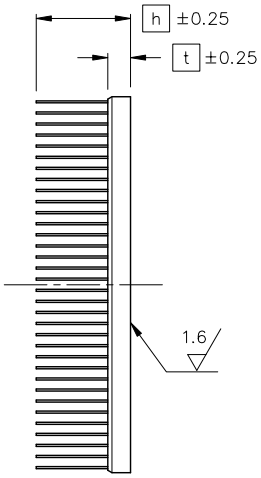
ALPHA Balance between low thermal resistance Low pressure drop ULP100

DIM

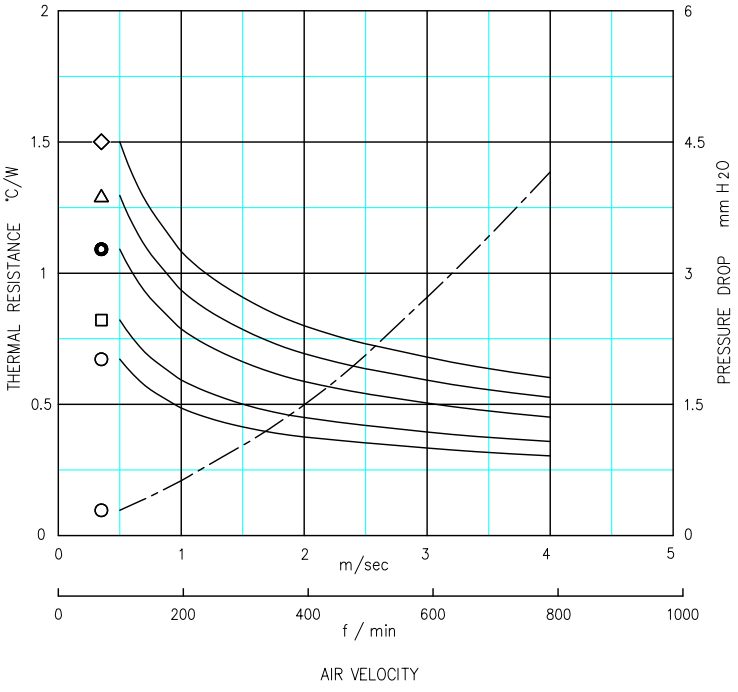




MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP100-10B	10	4.50	140.9
ULP100-12B	12		148.2
ULP100-15B	15	6.00	194.0
ULP100-20B	20		212.3
ULP100-25B	25		230.6
ULP100-[h]B	[h] ≦ 12	4.50	–
	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 — - —

■ BASED ON ALPHA'S STANDARD TEST PROCEDURE.
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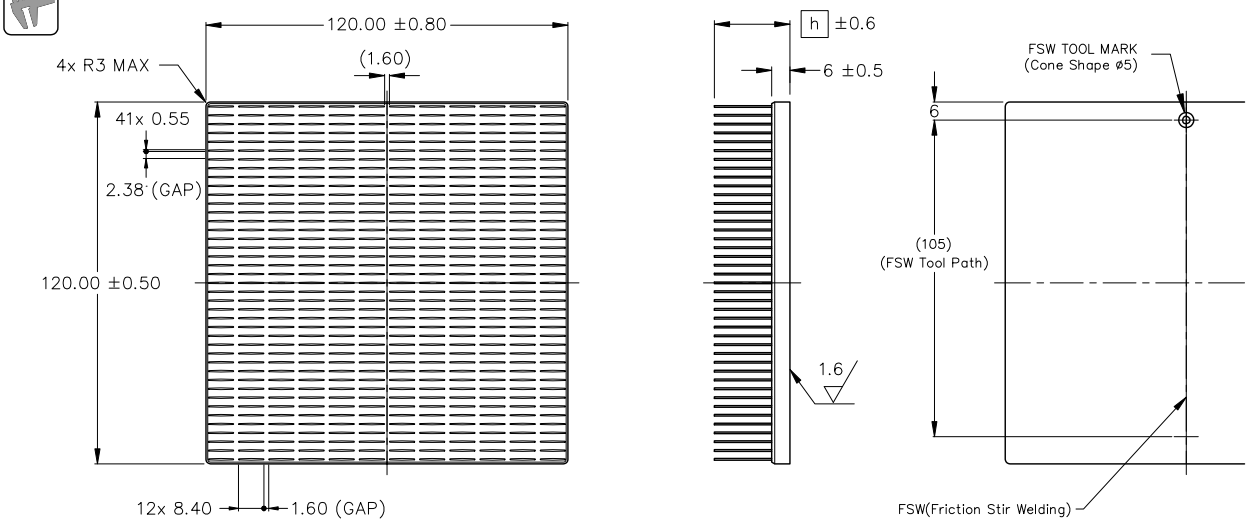
ALPHA Balance between low thermal resistance Low pressure drop ULP120

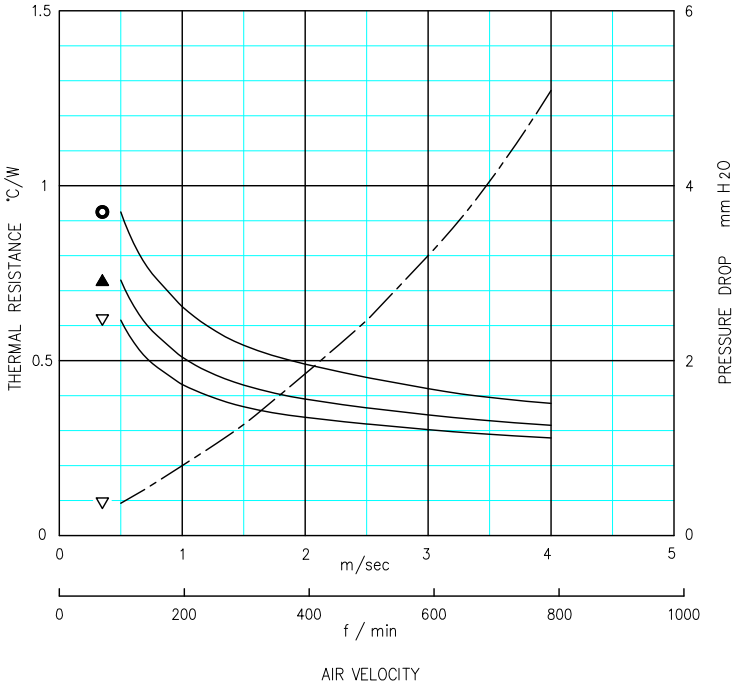
DIM



MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

MODEL	HEIGHT h	WEIGHT (grams)
ULP120-15B	15	280.8
ULP120-20B	20	307.5
ULP120-25B	25	334.2

DATA



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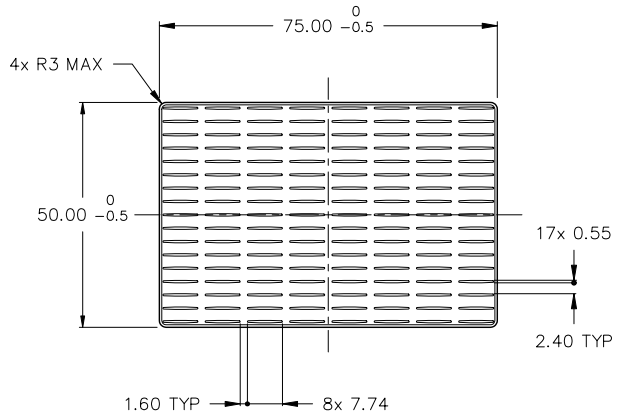
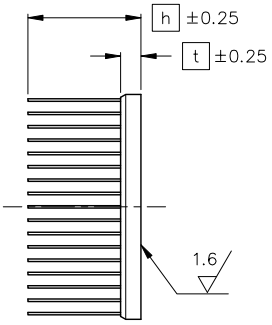
ALPHA

Balance between low thermal resistance Low pressure drop ULP5075

DIM

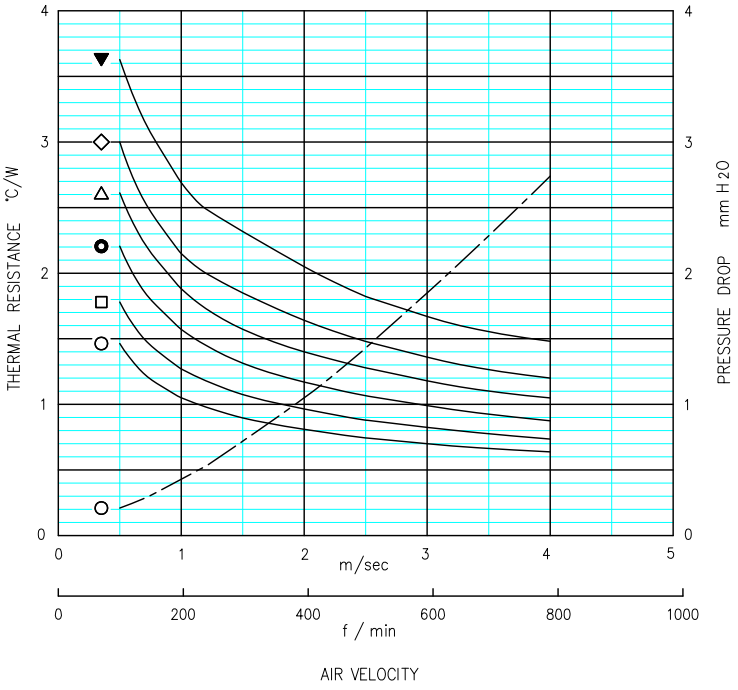




MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP5075-8B	8	3.00	36.6
ULP5075-10B	10		39.4
ULP5075-12B	12		42.1
ULP5075-15B	15	4.50	59.1
ULP5075-20B	20		65.9
ULP5075-25B	25		72.7
ULP5075-[h]B	[h] ≦ 12	3.00	–
	12 < [h] ≦ 25	4.50	–

MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

DATA



▼ ULP5075-8B
◇ ULP5075-10B
△ ULP5075-12B
○ ULP5075-15B
□ ULP5075-20B
○ ULP5075-25B

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

■ BASED ON ALPHA'S STANDARD TEST PROCEDURE.
REFER TO TECHNICAL INFORMATION.

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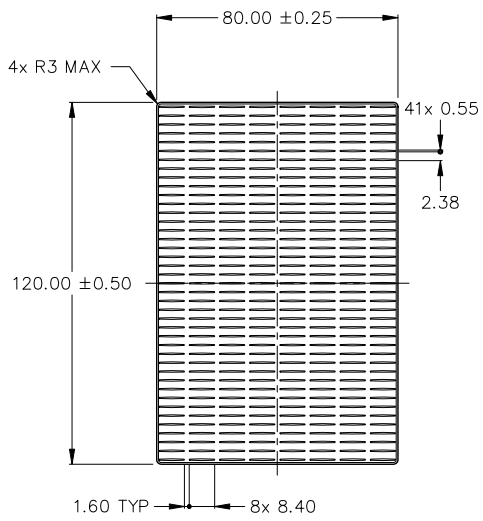
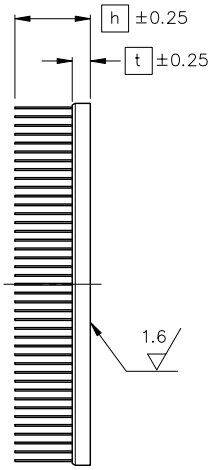
ALPHA Balance between low thermal resistance Low pressure drop **ULP12080**

DIM

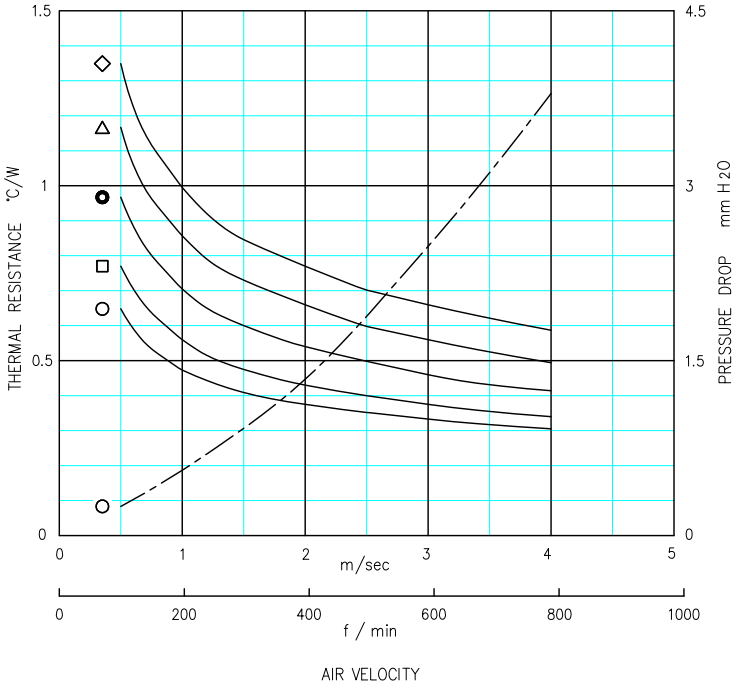




MODEL	HEIGHT [h]	THICKNESS [t]	WEIGHT (grams)
ULP12080-10B	10	4.00	124.7
ULP12080-12B	12	5.00	154.2
ULP12080-15B	15	6.00	187.2
ULP12080-20B	20		205.0
ULP12080-25B	25		222.8
ULP12080-[h]B	[h] ≦ 10	4.00	–
	10 < [h] ≦ 12	5.00	–
	12 < [h] ≦ 25	6.00	–

MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

DATA



◇ ULP12080-10B
△ ULP12080-12B
● ULP12080-15B
□ ULP12080-20B
○ ULP12080-25B

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

BASED ON ALPHA'S STANDARD TEST PROCEDURE.
REFER TO TECHNICAL INFORMATION.

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