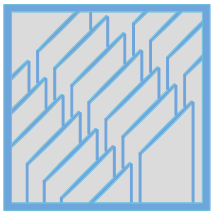


ULP Series

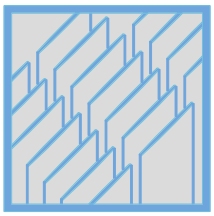
Balance between low thermal resistance Low pressure drop

ALPHA

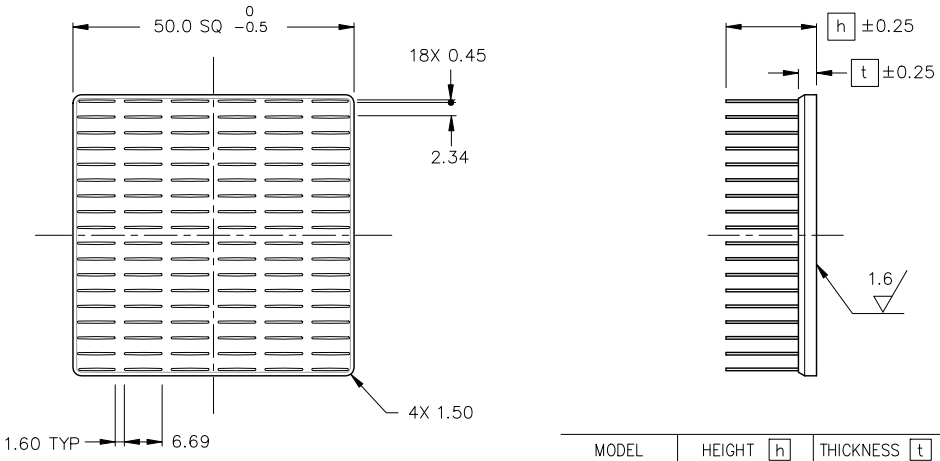
ALPHA

Balance between low thermal resistance Low pressure drop

ULP50



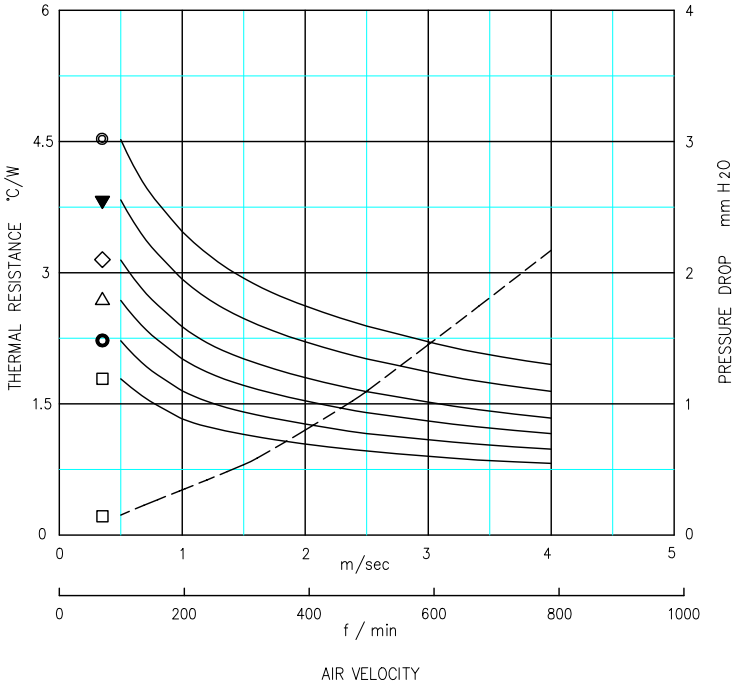
DIM



MODEL	HEIGHT h	THICKNESS t	WEIGHT (grams)
ULP50−6B	6	2.50	18.1
ULP50−8B	8		18.9
ULP50−10B	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



Alpha Company Ltd.

256-1 UEDA,NUMAZU-CITY SHIZUOKA-PREF.,JAPAN
PHONE +81(55)966 0789
FAX +81(55)966 9192
E mail : alpha@micforg.co.jp
URL : https://www.micforg.co.jp

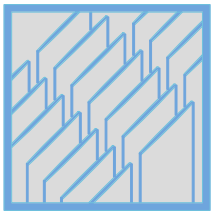
Alpha Novatech, Inc. - a subsidiary of Alpha Company.

473 Sapena Ct. #12 Santa Clara, CA 95054 USA
PHONE +1(408)567-8082
FAX +1(408)567-8053
E mail : sales@alphanovatech.com
URL : https://www.alphanovatech.com

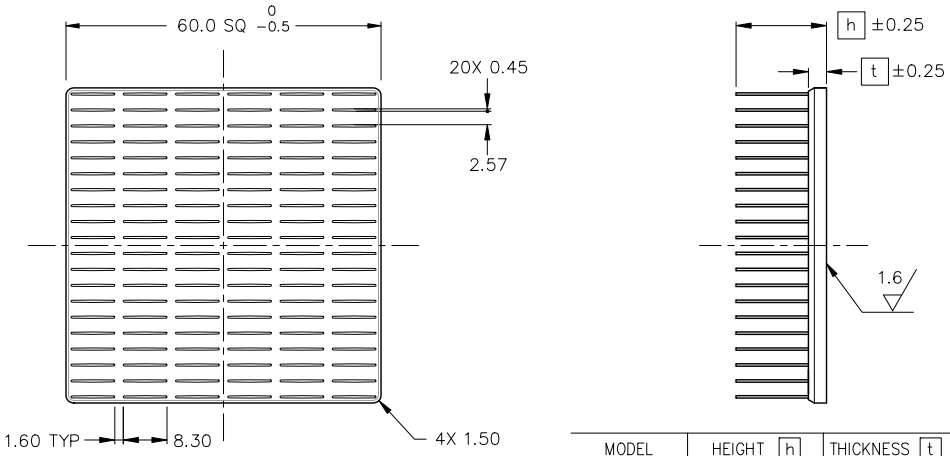
ALPHA

Balance between low thermal resistance Low pressure drop

ULP60



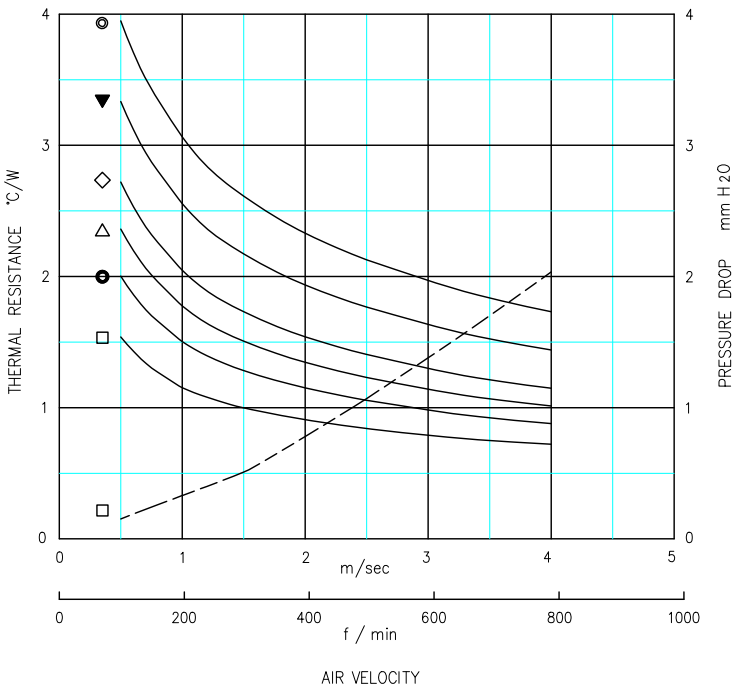
DIM



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

MATERIAL : A6063
FINISH : BLACK ANODIZE
DIMENSIONS : mm

DATA



◎ ULP60−6B
▼ ULP60−8B
◇ 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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256−1 UEDA,NUMAZU−CITY SHIZUOKA−PREF.,JAPAN
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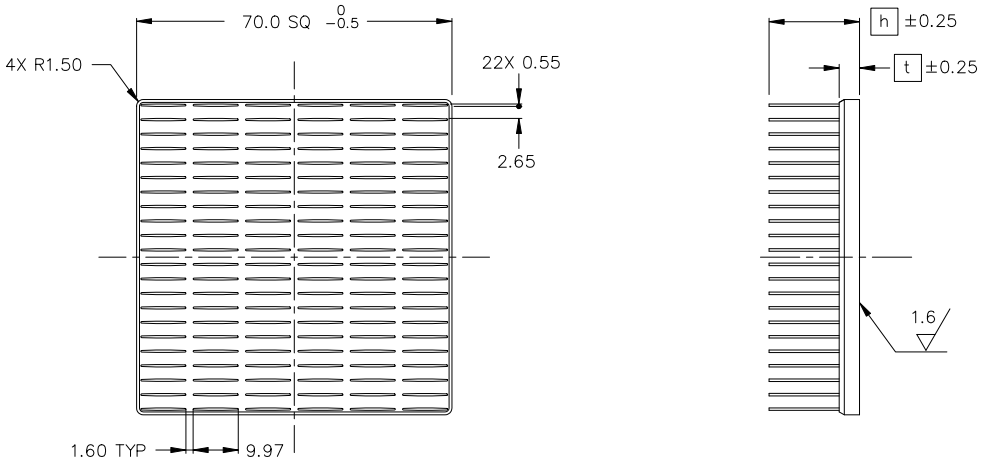
FAX +1(408)567−8053
E mail : sales@alphanovatech.com
URL : https://www.alphanovatech.com

ALPHA

Balance between low thermal resistance Low pressure drop

ULP 70

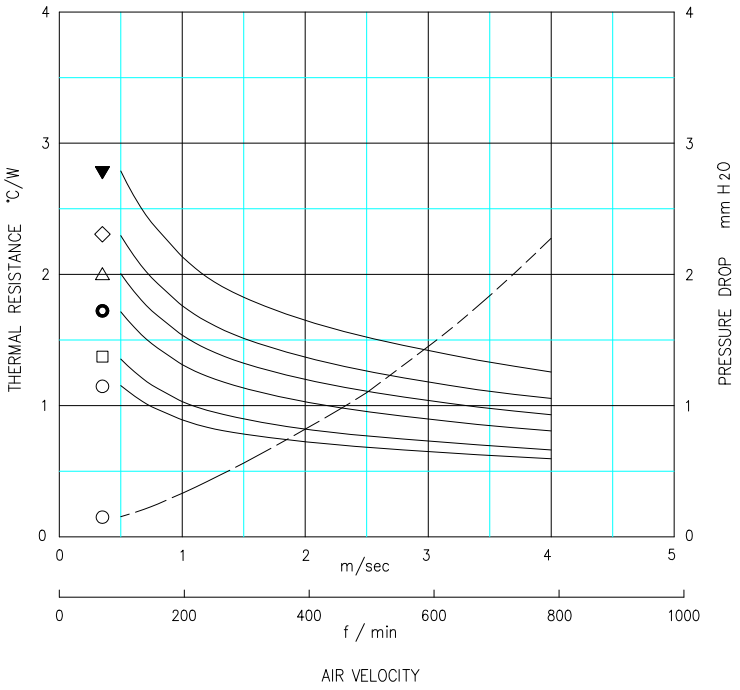
DIM



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−hB	h ≦ 12	3.00	−
	12 < h ≦ 25	4.50	−

DATA



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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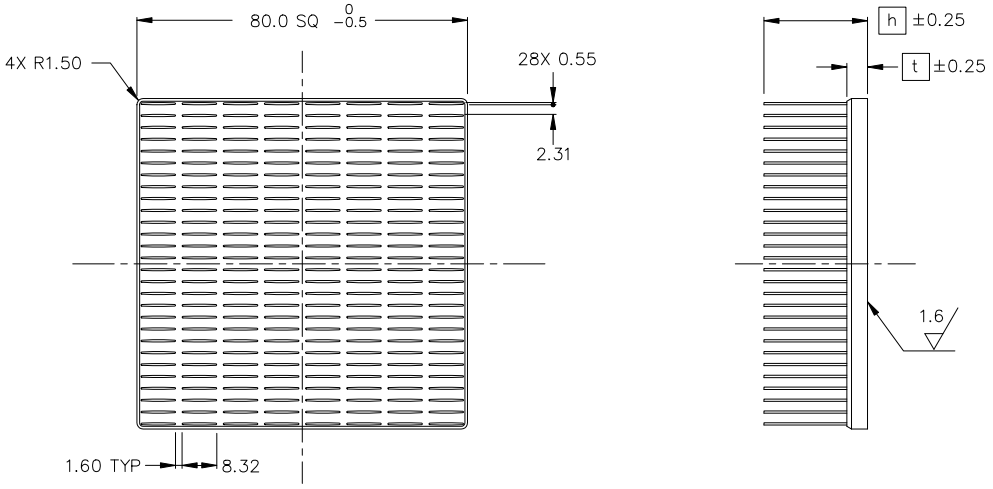
ALPHA

Balance between low thermal resistance Low pressure drop

ULP 80

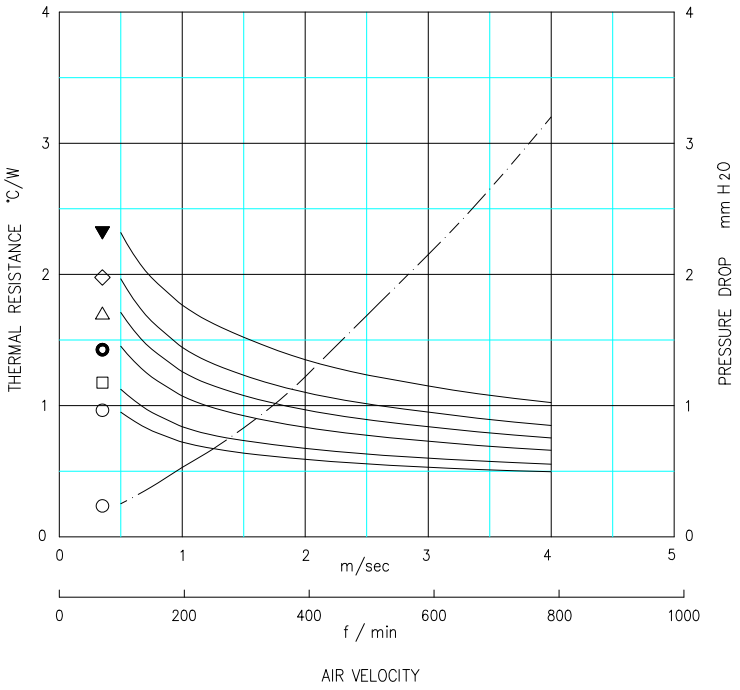
DIM



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−hB	h ≦ 12	4.00	−
	12 < h ≦ 25	5.00	−

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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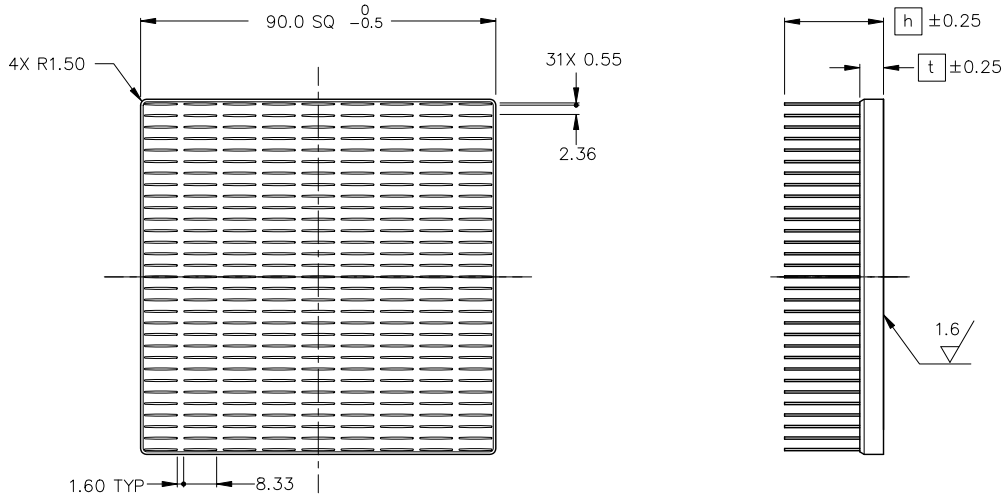
ALPHA

Balance between low thermal resistance Low pressure drop

ULP90

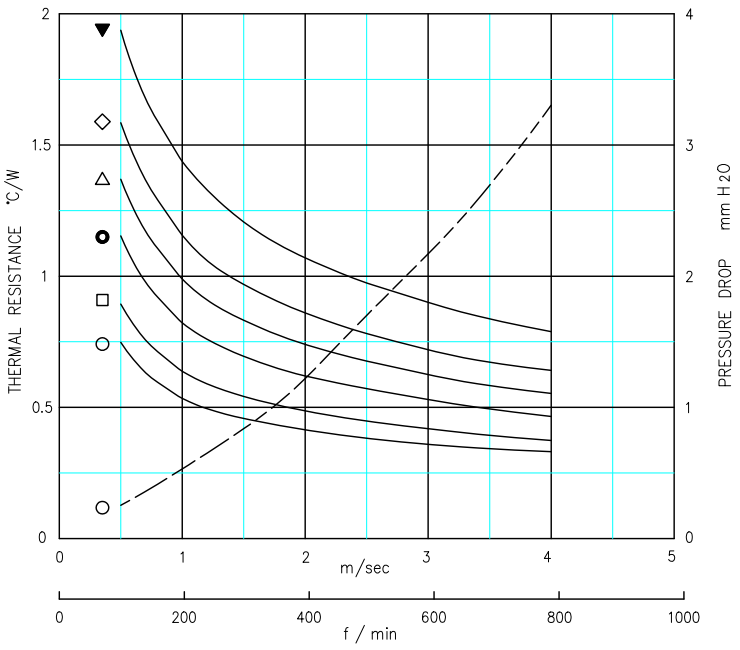
DIM



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−hB	h ≦ 12	4.00	−
	12 < h ≦ 25	6.00	−

DATA



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

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

BASED ON ALPHA'S STANDARD TEST PROCEDURE.
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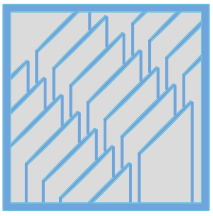
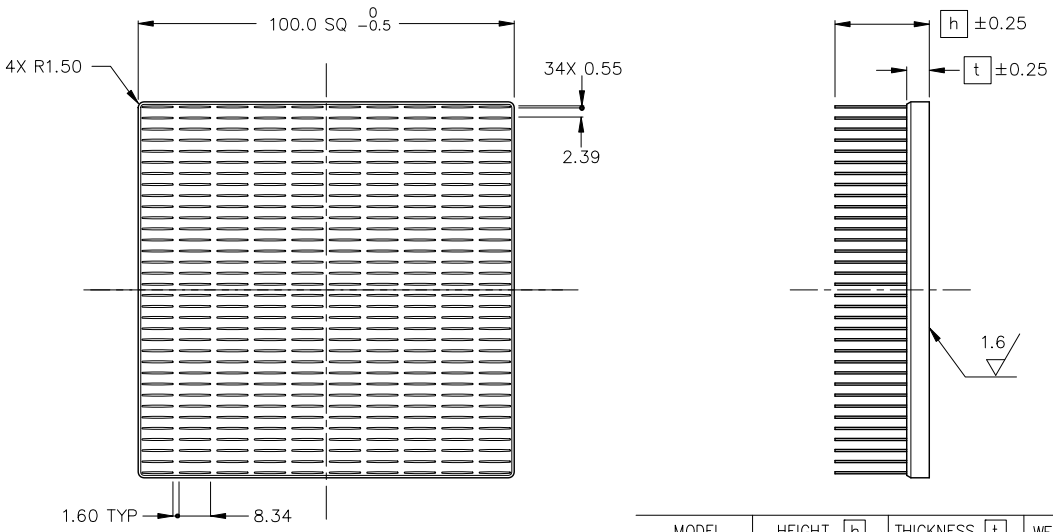
ALPHA Balance between low thermal resistance Low pressure drop ULP100



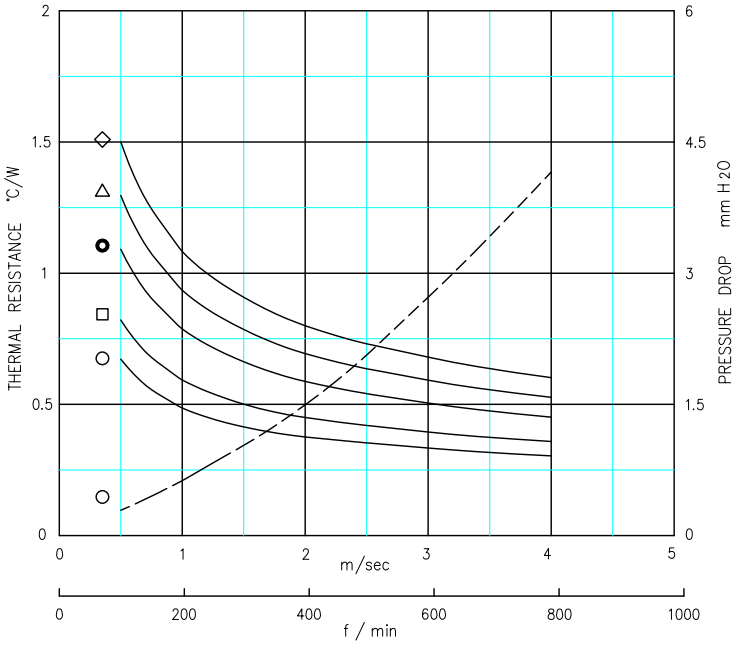
DIM



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−hB	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 — - —

BASED ON ALPHA'S STANDARD TEST PROCEDURE.
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Alpha Company Ltd.
256−1 UEDA,NUMAZU−CITY SHIZUOKA−PREF.,JAPAN
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