



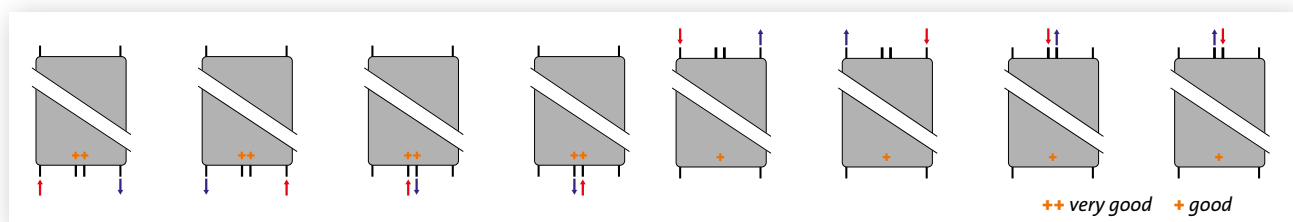
TINOS

The modern and stylish Tinos is a decorative vertical radiator. Its grand front panel with straight edge covers the latest in heating technology.

- Fittings included: wall consoles, 1 rotating air vent, 3 blind stops, screws and plugs.
- Installation: 2 vertical MCW-V wall brackets.
- Tinos radiators are available for two-pipe systems.
- The radiator is top/bottom reversible. Please note: top fitting requires a minimum water head column of 3 metres at the mouth of the radiator, at a minimum flow rate of 150 l/h.
- Colours : prices are based on white RAL 9016. Other RAL and special colours are available upon request with a 25% supplement. See p. 131/158 for more details and colour options.
- Fittings: 6 x $\frac{1}{2}$ " (15/21).
- Accessories : a towel bar and design valve set are available - see p. 152.

CONNECTION OPTIONS

See below: Standard connections that are available.



TINOS

INSTALLATION

dimensions in mm

type 11

ORDER CODE : **TIV11XXXXYYY**
EXAMPLE : **TIV111800325**

radiator
type
height
width

width (mm)	Watt + price	height (mm)		
		1800	1950	2100
325	75/65/20	653	720	
	55/45/20	339	382	
	£	269.03	288.04	
475	75/65/20	976	1056	
	55/45/20	509	549	
	£	289.31	307.89	
625	75/65/20	1298	1393	1429
	55/45/20	678	710	752
	£	320.79	343.53	369.62
775	75/65/20		1729	1749
	55/45/20		863	915
	£		384.97	415.88
75/65/20 - BTU/m		6513	6990	7170
45/35/20 - BTU/m		1977	3563	2203

stocked item

according EN 442 - 75/65/20 °C (ΔT 50) and 55/45/20 °C (ΔT 30)

To calculate from Watts to BTU's multiply by 3.412 (1000 watts x 3.412 = 3,412 btu's).

A overall width	B rad width	C centres
325	300	244
475	450	394
625	600	544
775	750	694

volume : litre

	1800	1950	2100
325	3.50	3.80	
475	5.25	5.47	
625	7.00	7.13	8.12
775		8.80	10.15

value n

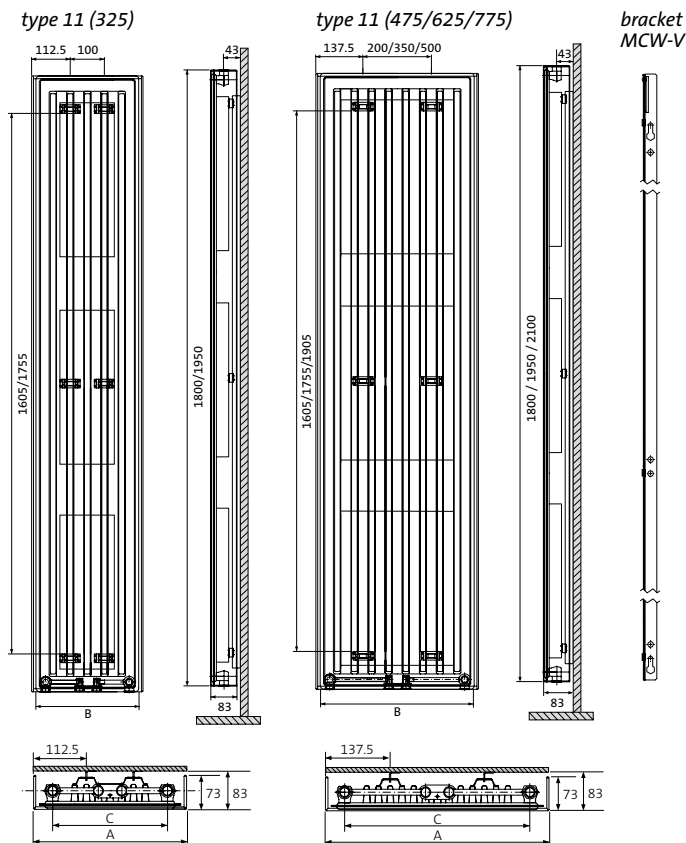
	1800	1950	2100
325	1.2810	1.2418	
475	1.2761	1.2811	
625	1.2711	1.3205	1.2575
775		1.3598	1.2685

weight: kg

	1800	1950	2100
325	21.00	23.20	
475	30.37	33.88	
625	39.73	44.57	47.75
775		55.25	59.20

bracket position: mm

	1800	1950	2100
325	1605	1755	
475	1605	1755	-
625	1605	1755	1905
775	1605	1755	1905



TINOS

type 21

INSTALLATION

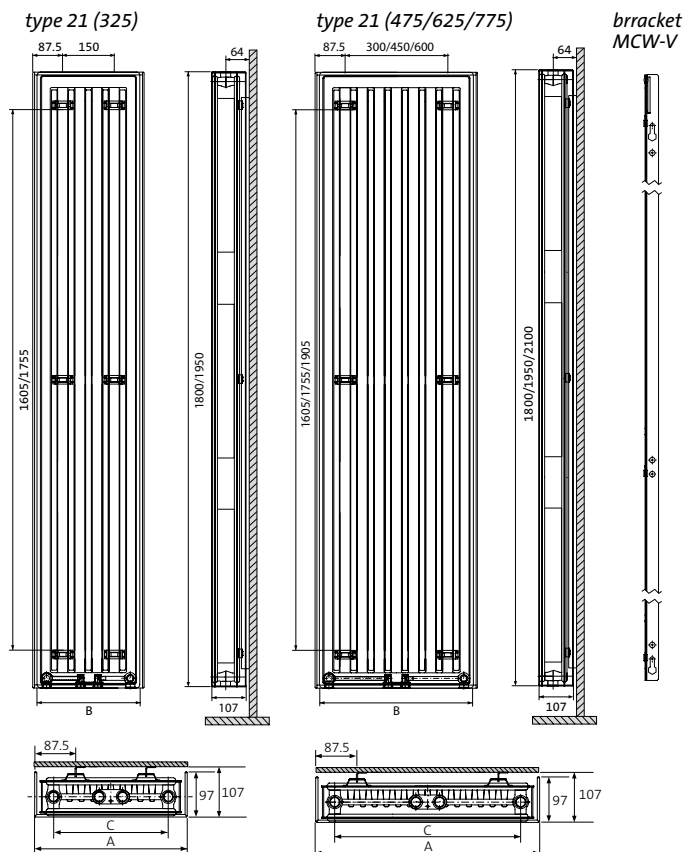
dimensions in mm

ORDER CODE : **TIV21XXXXYYY**
EXAMPLE : **TIV211800325**

radiator
type
height
width

width (mm)	Watt + price	height (mm)		
		1800	1950	2100
325	75/65/20	886	936	
	55/45/20	452	476	
	£	407.45	430.68	
475	75/65/20	1329	1405	
	55/45/20	677	715	
	£	438.43	460.68	
625	75/65/20	1772	1873	1957
	55/45/20	903	953	996
	£	485.85	513.92	541.01
775	75/65/20		2341	2446
			1191	1244
	£		575.86	608.76
75/65/20 - BTU/m		8576	9065	9471
45/35/20 - BTU/m		2488	2623	2715

stocked item



according EN 442 - 75/65/20 °C (ΔT 50) and 55/45/20 °C (ΔT 30)

To calculate from Watts to BTU's multiply by 3.412 (1000 watts x 3.412 = 3,412 btu's).

A overall width	B rad width	C centres
325	300	244
475	450	394
625	600	544
775	750	694

volume : litre

	1800	1950	2100
325	6.44	7.24	
475	9.66	10.86	
625	12.88	14.48	15.28
775		18.10	19.10

value n

	1800	1950	2100
325	1.3192	1.3231	
475	1.3192	1.3231	
625	1.3192	1.3231	1.3231
775		1.3231	1.3231

weight : kg

	1800	1950	2100
325	30.08	32.80	
475	45.12	49.20	
625	60.16	65.60	70.24
775		82.00	87.80

bracket positions : mm

	1800	1950	2100
325	1605	1755	-
475	1605	1755	1905
625	1605	1755	1905
775	1605	1755	1905



Kos H



Kos V



Faro H



Faro V



Tinos



Paros

CHARACTERISTICS

- Purmo offers you a high quality range of decorative radiators with different models, heat outputs and dimensions.
- With the many custom designs they are ideal for obtaining good heat outputs where space is at a premium.

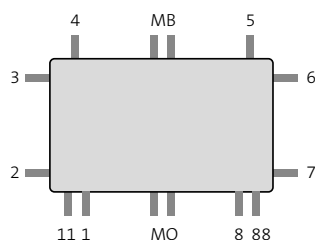
COLOURS

Our standard colour is white RAL 9016. Other RAL and special colours are available upon request with a 25% supplement. See p. 131/158 for more details and colour options.

	Kos H	Kos V	Faro H	Faro V	Tinos	Paros
side covers	✓	✓	✓	✓	✓	✓
working pressure - bar	6	6	6	6	6	6
testing pressure - bar	8	8	8	8	8	8
stock radiators	✓	✓	✓	✓	✓	✓
custom made	x	x	x	v	x	x
welded-on hanging strips	✓	x	✓	x	✓	✓
number of connections	2	6	2	6	6	6
brackets in packaging (stock radiators)	✓	✓	✓	✓	✓	✓
mid connection	x	✓	x	✓	✓	✓

✓ = yes; x = no

CONNECTION OPTIONS



HEAT OUTPUT

Heat outputs were measured according to the EN 442 standard, with a water temperature of 75/65 °C and a room temperature of 20 °C (delta $\Delta T=50$).



PACKAGING

The radiators are packed in cardboard with sturdy cardboard corner pieces and then shrink wrapped.

tested heat output Φ ,**According to EN 442:** $t_1 = 75^\circ\text{C}$, $t_2 = 65^\circ\text{C}$, $t_r = 20^\circ\text{C}$ Temperature difference $\Delta T = 50\text{K}$ For other ΔT 's use the following
correction factor:

$$U_f = \left(\frac{\Delta T}{50} \right)^n$$

where n shown in table below.

Symbols used;

 Φ = Greek letter pronounced fi

W = Watts (1W = 0.86kcal/h)

 $^\circ\text{C}$ = Degrees Celsius

K = Degrees Kelvin

Definition	Symbol	Unit
Heat Output	Φ	W
Flow Temperature	t_1	$^\circ\text{C}$
Return Temperature	t_2	$^\circ\text{C}$
Temperature Drop	$t_1 - t_2$	K
Ambient Air Temperature	t_r	$^\circ\text{C}$
Temperature Difference	ΔT	K
$\frac{t_1 + t_2}{2} - t_r$		

**temperature difference
for other ΔT 's**For flow temperatures t_1 from 85°C to
 40°C and return temperatures t_2 from
 70°C to 35°C .Please refer to specific radiator page
for the correct n value.**temperature difference ΔT**

Flow Temperature (t_1 $^\circ\text{C}$)	Ambient Air Temperature (t_r $^\circ\text{C}$)	Return Temperature (t_2 $^\circ\text{C}$)							
		70	65	60	55	50	45	40	35
85	15	63	60	58	55	53	50	48	45
	18	60	57	55	52	50	47	45	42
	20	58	55	53	50	48	45	43	40
	22	56	53	51	48	46	43	41	38
	24	54	51	49	46	44	41	39	36
80	15	60	58	55	53	50	48	45	43
	18	57	55	52	50	47	45	42	40
	20	55	53	50	48	45	43	40	38
	22	53	51	48	46	43	41	38	36
	24	51	49	46	44	41	39	36	34
75	15	58	55	53	50	48	45	43	40
	18	55	52	50	47	45	42	40	37
	20	53	50	48	45	43	40	38	35
	22	51	48	46	43	41	38	36	33
	24	49	46	44	41	39	36	34	31
70	15	-	53	50	48	45	43	40	38
	18	-	50	47	45	42	40	37	35
	20	-	48	45	43	40	38	35	33
	22	-	46	43	41	38	36	33	31
	24	-	44	41	39	36	34	31	29
65	15	-	-	48	45	43	40	38	35
	18	-	-	45	42	40	37	35	32
	20	-	-	43	40	38	35	33	30
	22	-	-	41	38	36	33	31	28
	24	-	-	39	36	34	31	29	26
60	15	-	-	-	43	40	38	35	33
	18	-	-	-	40	37	35	32	30
	20	-	-	-	38	35	33	30	28
	22	-	-	-	36	33	31	28	26
	24	-	-	-	34	31	29	26	24
55	15	-	-	-	-	38	35	33	30
	18	-	-	-	-	35	32	30	27
	20	-	-	-	-	33	30	28	25
	22	-	-	-	-	31	28	26	23
	24	-	-	-	-	29	26	24	21
50	15	-	-	-	-	-	33	30	28
	18	-	-	-	-	-	30	27	25
	20	-	-	-	-	-	28	25	23
	22	-	-	-	-	-	26	23	21
	24	-	-	-	-	-	24	21	19
45	15	-	-	-	-	-	-	28	25
	18	-	-	-	-	-	-	25	22
	20	-	-	-	-	-	-	23	20
	22	-	-	-	-	-	-	21	18
	24	-	-	-	-	-	-	19	16
40	15	-	-	-	-	-	-	-	23
	18	-	-	-	-	-	-	-	20
	20	-	-	-	-	-	-	-	18
	22	-	-	-	-	-	-	-	16
	24	-	-	-	-	-	-	-	14



Colour options

Our standard colour is white RAL 9016.

Any RAL or special colour is available on request*. To order simply add RAL or special colour code to the end of the order code eg. **AP06500830/3003** for a radiator in RAL 3003. Please note, there is a 25% supplement for non-standard colours.

*Some exclusions apply. Please see individual product pages for more details.

RAL colours

Purmo offers the choice of any RAL colour.



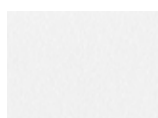
Special colours

Purmo also offers the following textured, metallic and shimmer metallic colours.

Textured



black textured
SO141



white textured
SO142

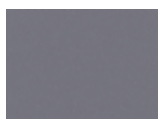
Metallic



cream
SO145



light grey
SO143



brown grey
SO144



anodic natural
SO149



anodic bronze
SO146



anodic brown
SO147



anodic black
SO148

Shimmer metallic



metal alu
SO201



metal black
SO104



metal grey
SO102

Cancellation policy for non-stocked items

All our non-stocked and special colour items are made to order. Should an order be cancelled after it has been placed with the factory an administration fee of 30% of the product value may be applied.