



## System ceiling air heater

The Mark TANNER ZDA is a water-supplied air heater designed to be integrated into a system ceiling. The unit is fitted with an axial fan. The unit is supplied as standard with a white powder coating, and is suitable for location in rooms where high demands are placed on the interior architecture. The unit is supplied in several models with varying air inlets and outlets. The TANNER ZDA MULTI is a low maintenance and silent air heater. Several units are linked to one another electrically and operated by the optional thermostat.

The ZDA is designed for use in showrooms, offices, changing rooms and shops.

### Features

- Attractive appearance
- Low maintenance cost
- Powerful fan

**mark**<sup>®</sup>

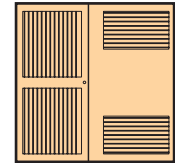
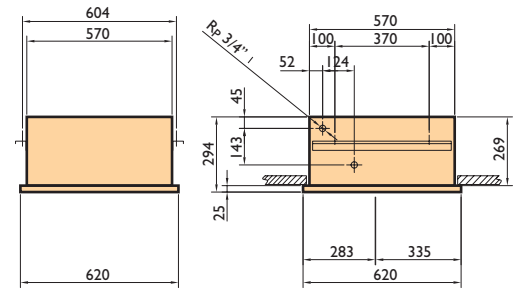
### Get In Touch

 Call: [0845 6880112](tel:08456880112)  
 Email: [info@adremit.co.uk](mailto:info@adremit.co.uk)

### Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,  
Settle, North Yorkshire, BD24 9RH

# Dimensions



# Technical information

	rpm	940		800		515	
Air displacement at intake	m <sup>3</sup> /h	1020		890		580	
Temperature air intake	t <sub>intake</sub>	kW	t <sub>out</sub> °C	kW	t <sub>out</sub> °C	kW	t <sub>out</sub> °C
Heat with medium water 50/40 °C	-15	10,0	14	9,3	15	7,2	20
	+/-0	7,5	21	7,0	23	5,4	26
	15	4,9	29	4,6	30	3,6	32
	20	4,0	32	3,7	32	2,9	34
Heat with medium water 60/50 °C	-15	11,0	19	11,0	21	8,5	26
	+/-0	9,3	27	8,7	28	6,7	32
	15	6,7	34	6,3	36	4,9	38
	20	5,9	37	5,5	38	4,2	40
Heat with medium water 70/50 °C	-15	12,4	21	11,5	23	9,0	28
	+/-0	9,8	28	9,2	30	7,2	34
	15	7,3	36	6,7	37	5,3	40
	20	6,4	38	6,0	40	4,7	42
Heat with medium water 80/60 °C	-15	14,2	26	13,2	28	10,3	34
	+/-0	11,7	34	10,9	36	8,5	41
	15	9,2	41	8,6	43	6,7	47
	20	8,3	44	7,7	46	6,0	49
Heat with medium water 90/70 °C	-15	16,1	31	15,0	33	11,7	41
	+/-0	13,6	39	12,6	41	9,8	47
	15	11,0	47	10,3	49	8,0	53
	20	10,2	49	9,5	52	7,4	55
Motor power	W	150		135		105	
Maximum current consumption	A	1,45		1,3		1,0	
Consumed current 230V	A	1,05		0,97		0,79	
Throw / Side	m	4,5		4,0		2,5	
Water content	dm <sup>3</sup>	7		7		7	
Noise level	dB(A)	54		51		41	

Hot water-supplied air heaters - 128

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Conversion table for other water temperatures (factor 1.00 = 90°/70°C intake temperature 15°C).

	35	40	45	50	55	60	65	70	75	80	85	90	95
10	0,53	0,62	0,71	0,81	0,91	1,01	1,11	1,21	1,31	1,42	1,53	1,63	1,74
20	0,47	0,56	0,65	0,73	0,82	0,91	1,00	1,09	1,19	1,28	1,38	1,47	1,57
30	0,44	0,52	0,60	0,68	0,76	0,84	0,93	1,01	1,10	1,19	1,28	1,37	1,46
40	0,41	0,49	0,57	0,64	0,72	0,80	0,88	0,96	1,04	1,13	1,21	1,30	1,38
50	0,40	0,47	0,54	0,61	0,69	0,76	0,84	0,91	0,99	1,07	1,15	1,23	1,31
60	0,38	0,45	0,52	0,59	0,66	0,73	0,80	0,88	0,95	1,03	1,11	1,19	1,26

DTI = temperature difference of hot water supply / return

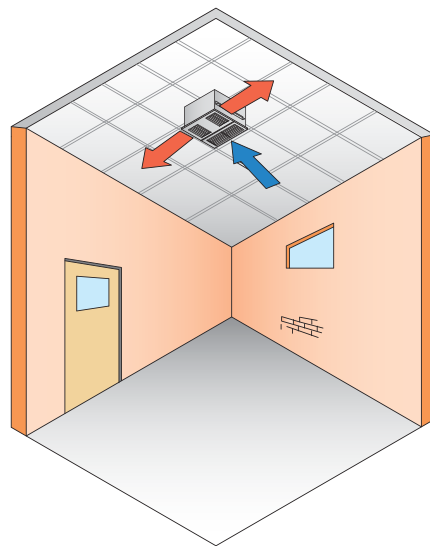
Calculation example: conversion factor water 60°/40°C and 15°C intake temperature

$$\frac{(60 + 40)}{2} - 15^{\circ}\text{C} = 35$$

$$\Delta\text{TI} = 60 - 40 = 20$$

conversion factor = 0,47

## Assembly/location suggestions



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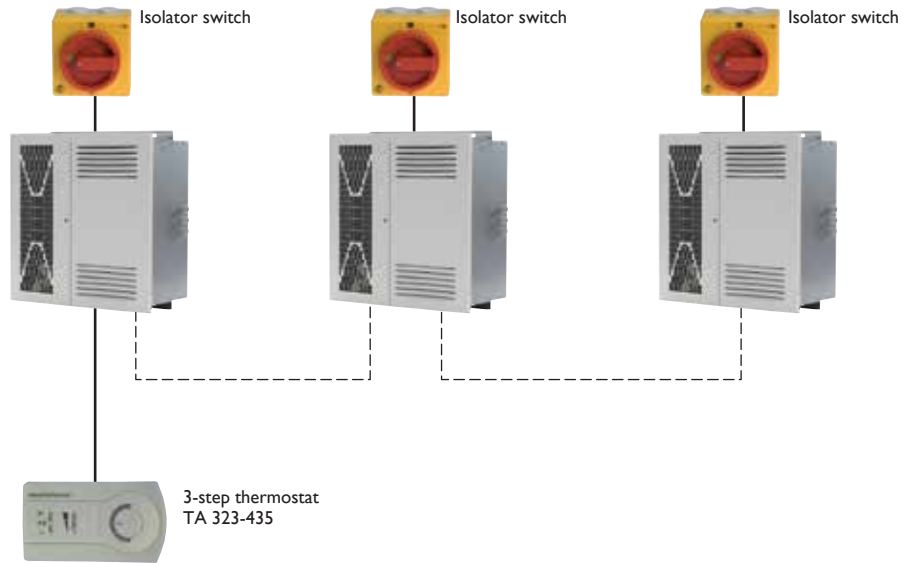
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## Prices Mark TANNER ZDA Multi

### PRODUCT - TANNER ZDA MULTI R, 230V



code nr.	Description	Price
5997200	ZDA Multi R	€ 2122

### ACCESSORIES - CONTROL

code nr.	Description	Price
5997241	Room thermostat 230V, with a 3-step control. (6A)	€ 172
0631163	Isolator switch 4-poles 230V, separate delivery.	€ 55
5017098	Isolator switch 4-poles 230V, pre-wired.	€ 193

For function explanations see chapter on control

Hot water-supplied air heaters - 130

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