



T-Series

Elegant Air Curtain for visible vertical installation

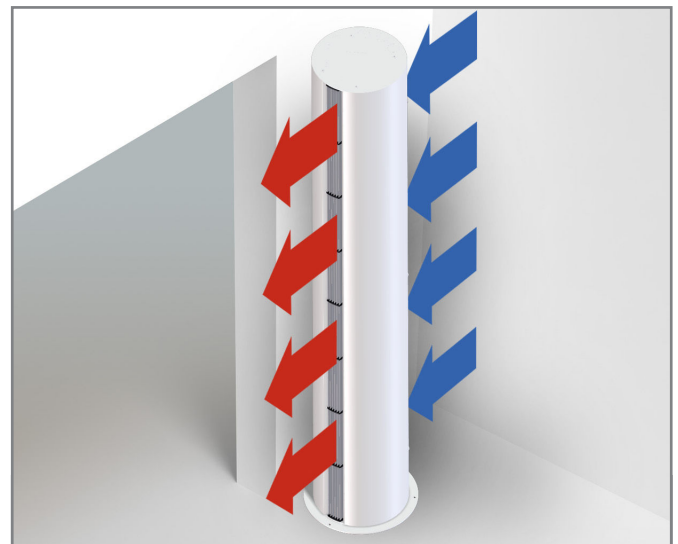
The Air Curtain systems of the T-Series are designed for vertical use, where the appearance and small footprint of the Air Curtain are of great importance. Thanks to the filterless design the T-Series is also low-maintenance and achieves compared to conventional Air Curtains significantly higher energy efficiency.

Application

The vertical T-Series Air Curtain is suitable for right and/or left of the door. The air intake is from the room and creates an effective separation of indoor and outdoor air.

Teddington works

As an Air Curtain specialist, Teddington has developed CORRIGO®, an air discharge system that enables optimum adaptation to the given entrance situation. Teddington Air Curtains with the CORRIGO® air discharge system achieve noticeably better room comfort and significantly better screening compared to conventional louvre units.



Vertical design

Visible vertical installation,
air intake at the rear.



VARIOUS OPTIONS

Individual device colour



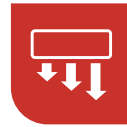
Teddington Air Curtain units are powder-coated to a high standard. You can choose between 6 popular, timeless RAL Classic colours. But we can also offer you the right colour for any other colour request and make your Air Curtain an eye-catcher. Talk to us about your desired colour.

Heating modes



The Teddington T-Series is available as an ambient unit without heating and can be heated in the versions LTHW (water) and electric.

2 power levels



The Teddington T-Series is available in two power levels. This means that your Air Curtain is configured precisely for the respective requirement in order to guarantee optimum shielding and the lowest possible energy consumption.

Shielding up to 1.8 m door width



Our powerful and fast-starting T-Series fans, in conjunction with our CORRIGO® air discharge system allow a maximum door width of 1.8 m (unit on one side).

AC or EC fans



A distinction is made between two fan technologies: AC and EC. Teddington is one of the few Air Curtain manufacturers to offer both technologies. This allows us to respond flexibly to project requirements and offer the optimal unit.

AC: The fast-starting AC fans are particularly suitable for doors and gates that open and close quickly or are only open for a short time.

EC: The energy-saving and infinitely variable EC fans are particularly suitable for doors and gates that are open for long periods (e.g. open glass front of a shop).

TSC 3-E / TSC 5 controller— Intuitive and user-friendly

With their 3- or 5-stage electronic air volume control for setting the operating parameters and LEDs for displaying the operating status, the TSC 3-E / TSC 5 control units ensure convenient control of your Air Curtain system.

- High process reliability
- Perfect integration
- Simple, intuitive operation
- Solid workmanship

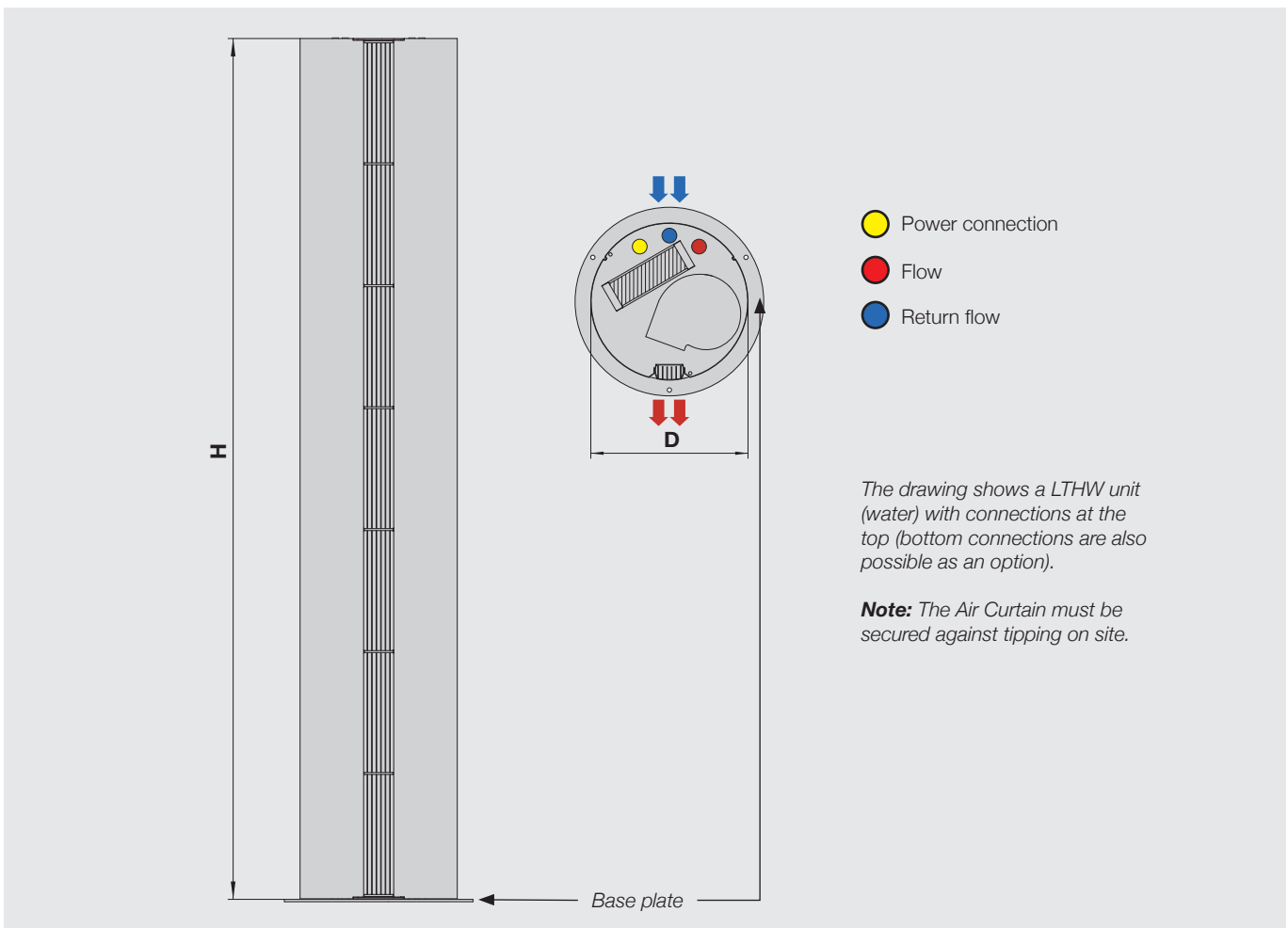




TECHNICAL DATA

	Power level	T-Series 1			T-Series 2		
		Height of the unit (cm)			Height of the unit (cm)		
		200	225	250	200	225	250
Performance data							
Max. recommended door width (one-sided standing)	[m]	1.60			1.80		
Max. nominal flow rate	[m³/h]	3450	3450	4300	4950	4950	5950
Average air discharge speed*	[m/s]	10			10.5		
Sound pressure level at a distance of 3 metres to the sound source (anechoic chamber)							
Max. operating level	[dB(A)]	64.0	63.0	65.0	66.0	65.0	67.0
Average operating level	[dB(A)]	57.8	56.8	58.8	59.8	58.8	60.8
Minimum operating level	[dB(A)]	47.8	46.8	48.8	49.8	48.8	50.8


*Data are based on measurements in accordance with ISO 27327 conducted by the Institute of Air Handling and Refrigeration (ILK) in Dresden




	Power level	T-Series 1			T-Series 2			
		Height of the unit (cm)			Height of the unit (cm)			
		200	225	250	200	225	250	
Measurements								
Height (without base plate)	H	[mm]	2000	2250	2500	2000	2250	2500
Diameter (without base plate)	D	[mm]	400	400	400	400	400	400
Dimensions of the base plate		[mm]	H = 6 mm, D = 480 mm			H = 6 mm, D = 480 mm		
Weight without heater battery		[kg]	69	78	87	75	83	93
Weight with heater battery		[kg]	80	90	100	85	95	105




TECHNICAL DATA

	Power level	T-Series 1			T-Series 2		
	Height of the unit (cm)	200	225	250	200	225	250
Technical data of fans (230 V)							
AC technology							
Output	[kW]	0.74	0.74	0.93	0.93	0.93	1.11
Power consumption	[A]	3.40	3.40	4.25	4.25	4.25	5.10
EC technology							
Output	[kW]	0.68	0.68	0.85	0.85	0.85	1.01
Power consumption	[A]	5.40	5.40	6.75	6.75	6.75	8.10

	Power level	T-Series 1			T-Series 2		
	Height of the unit (cm)	200	225	250	200	225	250
Technical data of LTHW heater battery							
Pipe connections							
Flow / Return flow	[inch]	3/4	3/4	3/4	3/4	3/4	3/4
LTHW 70/50 at an air intake temperature of 20°C and air discharge temperature of 32°C							
Heat output	[kW]	14.18	14.45	18.63	19.52	19.18	24.65
Flow rate	[m³/h]	0.60	0.60	0.80	0.90	0.80	1.10
Water resistance	[kPa]	2.92	3.42	5.96	5.14	5.63	9.76
LTHW 70/50 at an air intake temperature of 10°C and air discharge temperature of 32°C							
Heat output	[kW]	26.13	27.66	33.52	32.79	34.85	41.19
Air discharge temperature	[°C]	32.61	33.94	33.28	29.78	31.02	30.67
Flow rate	[m³/h]	1.10	1.20	1.50	1.40	1.50	1.80
Water resistance	[kPa]	8.58	10.72	16.76	12.80	16.10	24.08
LTHW 50/35 at an air intake temperature of 20°C and max. air discharge temperature							
Heat output	[kW]	10.85	11.63	14.20	13.57	14.60	17.39
Air discharge temperature	[°C]	29.39	30.06	29.86	28.19	28.81	28.73
Flow rate	[m³/h]	0.60	0.70	0.80	0.80	0.80	1.00
Water resistance	[kPa]	3.23	4.12	6.53	4.79	6.16	9.34

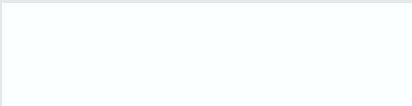



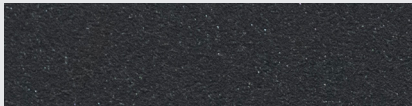

Ask our experts for data on your individual media temperatures.

	Power level	T-Series 1			T-Series 2		
	Height of the unit (cm)	200	225	250	200	225	250
Technical data electrical heater battery							
Electrical heater battery (three-stage, 400V, 3 Ph, 50 Hz)							
Level 1	[kW]	4.0	6.0	6.0	6.0	8.0	8.0
Level 2	[kW]	8.0	12.0	12.0	12.0	16.0	16.0
Level 3	[kW]	12.0	18.0	18.0	18.0	24.0	24.0
Max dt.	[K]	9.7	14.6	11.7	10.1	13.5	11.3



Individual colours

Teddington Air Curtain systems are powder-coated to a high quality. Our industrial units are manufactured in RAL 7011 Iron Grey as standard. On request, you can choose from six timeless colours for a small surcharge. – Would you like a very special colour? Talk to us about your desired colour.

		
RAL 9016 Traffic White	RAL 9005 Deep Black	RAL 9006 White Aluminium
		
RAL 9010 Pure White	Black grey metallic Metallic fine structure / matt	DB 703 Dark Grey



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