



TEDDINGTON
AIR CURTAIN SYSTEMS



T U B U S

The complete design solution

Fitted with the **CORRIGO®** air discharge system

DOORS
MADE OF **AIR**

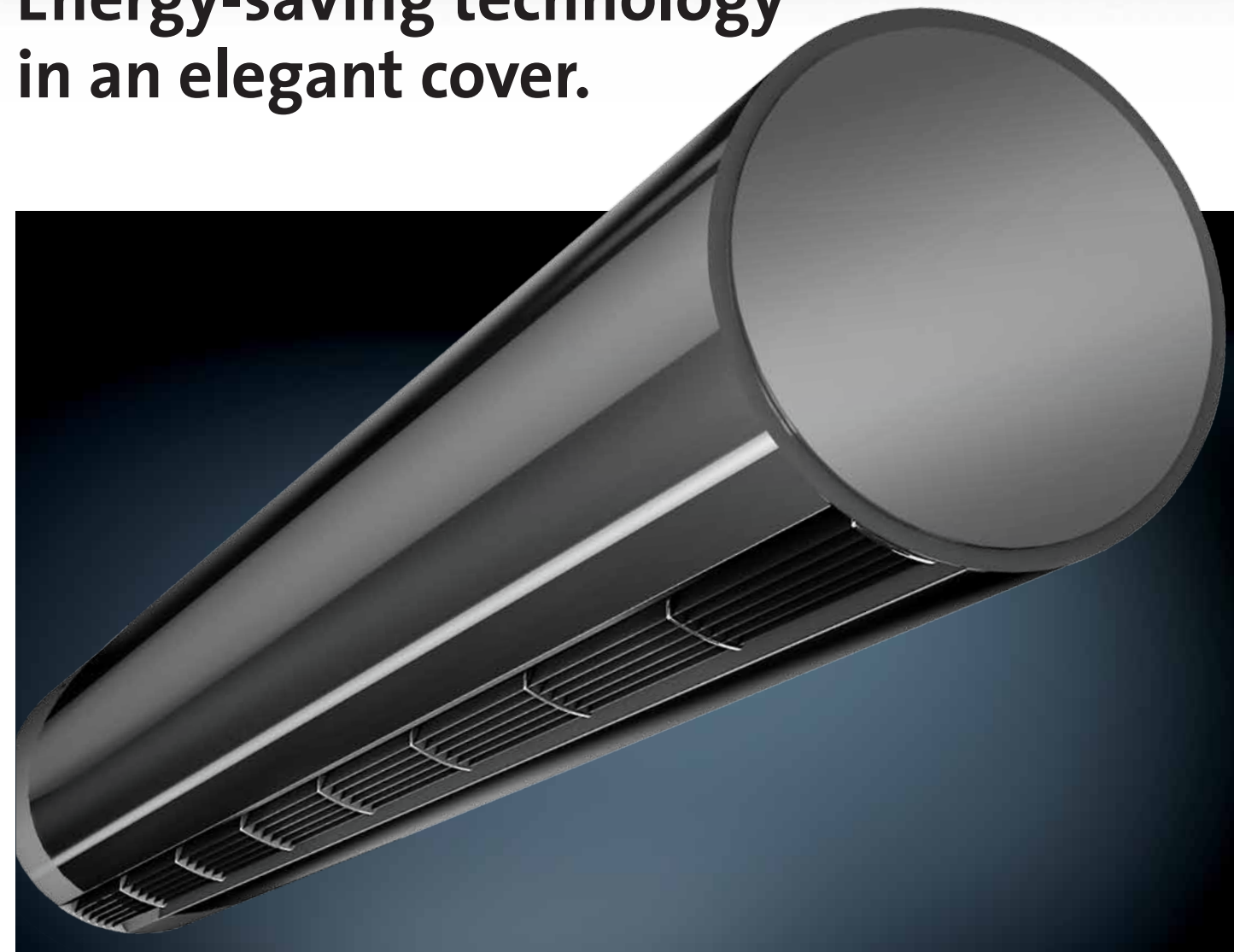
When design meets engineering.

Nothing should be allowed to interfere with perfect appearance in a sophisticated environment. Air curtain systems here must meet the highest design standards.

The TUBUS air curtain system from Teddington is simultaneously stylish, unobtrusive and powerful. The perfect symbiosis of design and engineering.



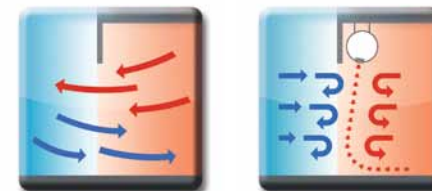
Energy-saving technology in an elegant cover.



Expensive, heated air gets lost through unprotected entrances and doors which are opened and closed frequently. This uses a great deal of energy and causes unpleasant draughts.

Teddington air curtain systems counteract this physical effect and save valuable energy.

- ✓ Energy-saving
- ✓ Good indoor climate
- ✓ Improved sales psychology
- ✓ Protect the environment



TUBUS with the CORRIGO® air discharge system



TUBUS is equipped with the CORRIGO® air discharge system. This means you can adjust the air curtain to suit the individual situation at the entrance to your building.

Compared to conventional air curtain systems it enables you to achieve significantly greater energy efficiency while also improving comfort for your customers.

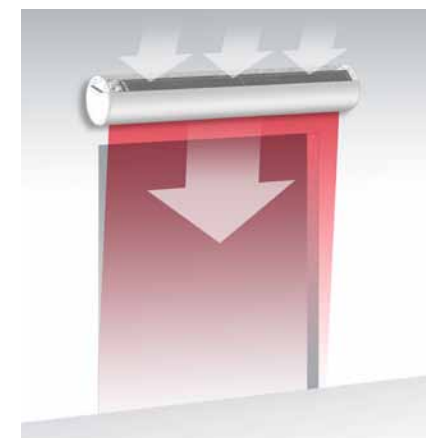
CORRIGO® raises lamella technology to a new level: compact, powerful and versatile.



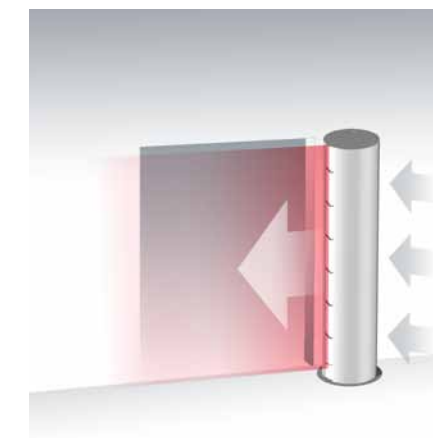
The air discharge element can be pivoted in both directions, thereby individually adapting the air curtain to suit local conditions.

- CORRIGO® air discharge system
- Two performance categories
- Three installation lengths 2.0 – 2.25 – 2.5 m
- Upright and suspended design
- Simple operation using variably adjustable (EC fans), 5-stage or 3-stage controller
- ErP 2015 compliant
- Heating medium: LTHW and electrical heater battery
- Media connections: optionally at the top or bottom or on the left or right
- Low maintenance – no filter
- Air intake grid in matching appearance with hexagonal perforation
- Powder coated device surface (in RAL colour of the customer's choice)
- Electronic controller TSC5 (LTHW) and TSC3-E (electrical)

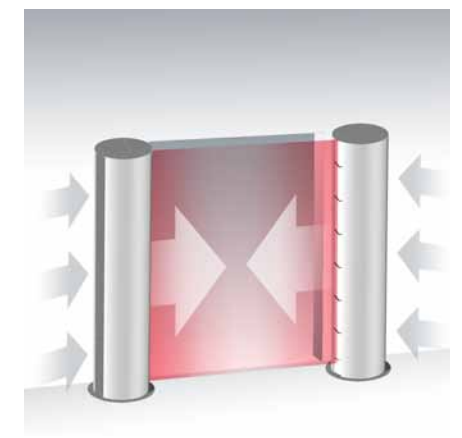
Solutions for every application



TUBUS with horizontal installation.



TUBUS with vertical installation.



TUBUS as double unit with vertical installation.

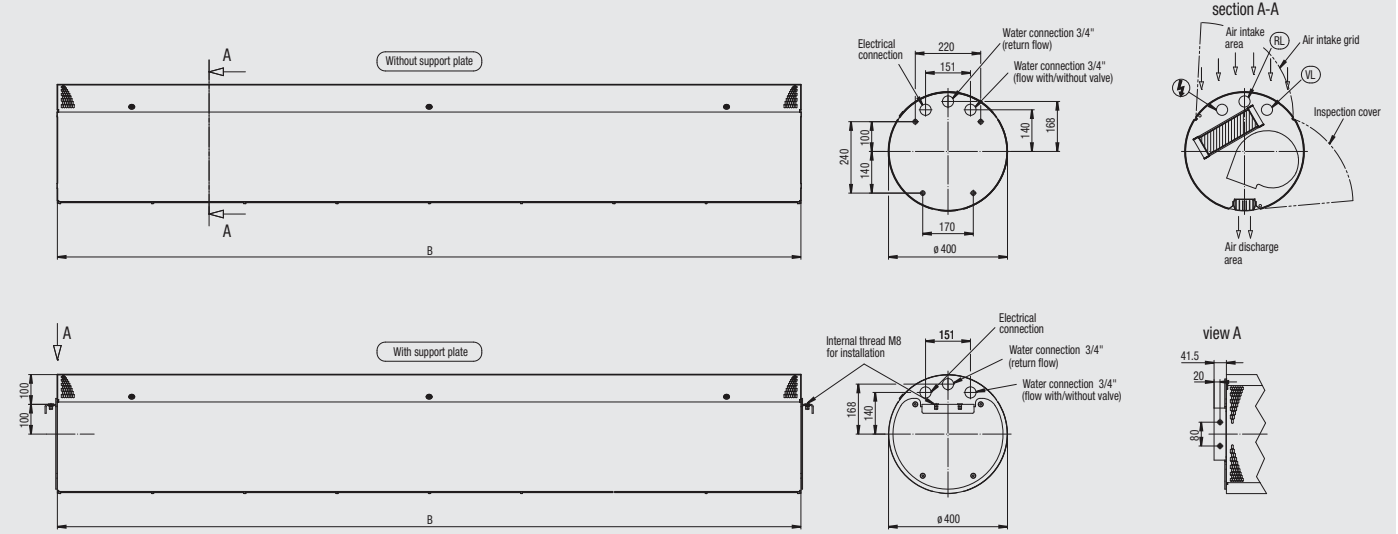
Technical data

TUBUS with CORRIGO® air discharge system						
Range		TUBUS 1			TUBUS 2	
Installation length/height "B"	[mm]	2.000	2.250	2.500	2.000	2.250
Rec. max. door width for "vertical one-sided"	[m]	1,6	1,6	1,6	1,8	1,8
Rec. max. door width for "vertical two-sided"	[m]	2,4	2,4	2,4	2,8	2,8
Rec. max. air discharge height for "horizontal"	[m]	2,4	2,4	2,4	2,7	2,7
Weight	[kg]	80	90	100	85	95
Air volume						
Nominal flow rate	[m³/h]	3.920	3.920	4.900	4.900	5.880
Actual flow rate	[m³/h]	3.600	3.600	4.500	4.500	5.400
Max. air discharge speed	[m/s]	6,8	6,8	6,8	8,2	8,2
Max. noise level	[dB]	63	64	65	65	67
Electrical data for fans						
AC technology						
Voltage/frequency	[V / Hz]	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Output	[kW]	0,92	0,92	1,15	1,15	1,38
Power consumption	[A]	4,20	4,20	5,25	5,25	6,30
EC technology						
Voltage/frequency	[V / Hz]	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Output	[kW]	0,66	0,66	0,83	0,83	0,99
Power consumption	[A]	4,80	4,80	6,00	6,00	7,20
Technical data for heater battery						
LTHW 80/60 air intake temperature 18°C						
Heat output	[kW]	28,2	29,9	36,1	32,5	34,5
Water resistance	[kPa]	9,5	11,9	18,6	12,4	15,3
Flow volume	[m³/h]	1,2	1,3	1,6	1,4	1,5
Max. air discharge temperature	[°C]	41,2	42,5	41,8	39,9	40,6
LTHW 70/50 air intake temperature 18°C						
Heat output	[kW]	22,3	23,7	28,8	25,7	27,3
Water resistance	[kPa]	6,5	8,2	12,8	8,3	10,5
Flow volume	[m³/h]	1,0	1,0	1,3	1,1	1,2
Max. air discharge temperature	[°C]	36,3	37,5	36,9	34,9	35,9
LTHW 60/40 air intake temperature 18°C						
Heat output	[kW]	16,3	17,4	21,2	18,7	20,0
Water resistance	[kPa]	3,9	4,9	7,8	4,9	6,3
Flow volume	[m³/h]	0,7	0,8	0,9	0,8	0,9
Max. air discharge temperature	[°C]	31,2	32,3	31,9	30,3	31,2
Connections flow/return flow	[Zoll]	3/4"	3/4"	3/4"	3/4"	3/4"
Electrical heater battery						
Stage 1 / 2 / 3	[kW]	4 / 8 / 12	6 / 12 / 18	6 / 12 / 18	6 / 12 / 18	8 / 16 / 24
Δt max.	[K]	9,3	14,0	11,2	11,2	14,9

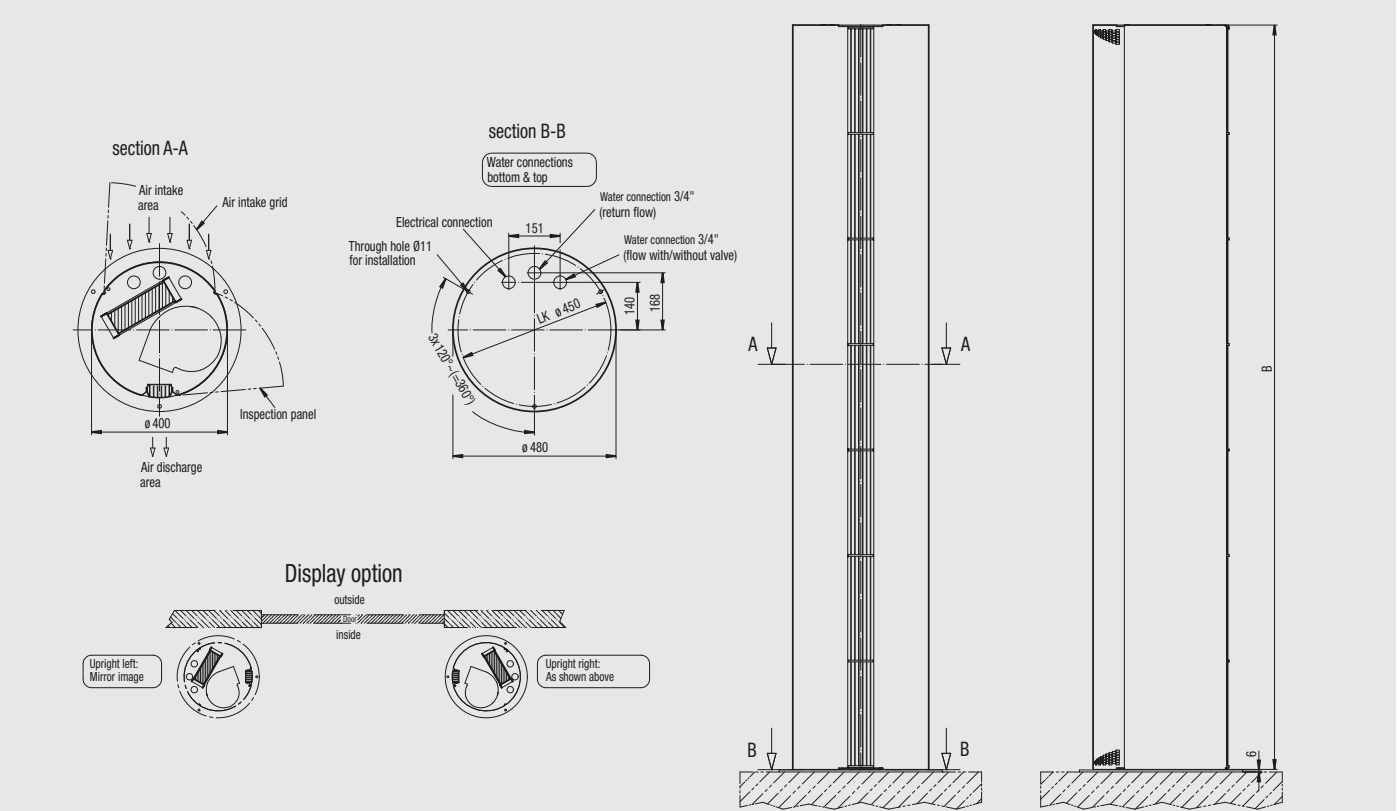
Order reference TUBUS

Tu = Product	
1 = Power setting	
2 = Power setting	
200, 225, 250 = Install. length in cm	
N = LTHW 80/60 °C - 60/40 °C	
E = Electrical heater battery	
K = Without heat exchanger	
H = Horizontal installation	
V = Vertical installation	
Tu 1- 200- N- V = Example	

Horizontal design



Vertical design





TEDDINGTON
AIR CURTAIN SYSTEMS

Our innovations have set benchmarks in air curtain technology and offer not only convenient solutions, but also first and foremost the opportunity to save a great deal of energy and money.

By doing so we also make a substantial contribution to environmental protection.

SMARTtec®

- ✓ Attractive design
- ✓ Elegant appearance
- ✓ A well-rounded matter

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