



Superior technology. Quality workmanship.



When you see Teddington on the outside,
you can be sure of high performance inside.



Strong motors for powerful,
continuous industrial operation.



Robust workmanship – can be
individually combined for multiple units.

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®

- ✓ Solid design
- ✓ Low maintenance
- ✓ Effective controllers

- **CORRIGO**® air discharge system
- Five installation lengths 2.0 – 3.0 – 4.0 m; 5.0 and 6.0 m (each as double unit)
- Upright and suspended design
- Technology: AC and EC fans (400 V/IP54)
- ErP 2015 compliant
- Optionally with or without heat exchanger (LTHW)
- Galvanised device surface
- Controller: 5-stage and 2-stage controller

Future-oriented technology, functional flexibility, high quality and good workmanship make the **ROBUVENT** a reliable all-rounder to suit all requirements and situations.

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ROBUVENT

The smart solution for industry

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

DOORS
MADE OF
AIR

The smart energy-saving solution.

Industrial doors and workshop entrances are opened regularly. There is a very fast exchange between cold outdoor air and expensively heated indoor air.

This uses a great deal of energy and causes unpleasant draughts.

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

- ✓ SAVE ENERGY
- ✓ REDUCE COSTS
- ✓ IMPROVE THE ENVIRONMENT

Benefits for every industrial application



A great deal of energy gets lost through unprotected doors. Enormous savings potential exists here.



ROBUVENT counteracts incoming cold air using a counterflow – an invisible air door.



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



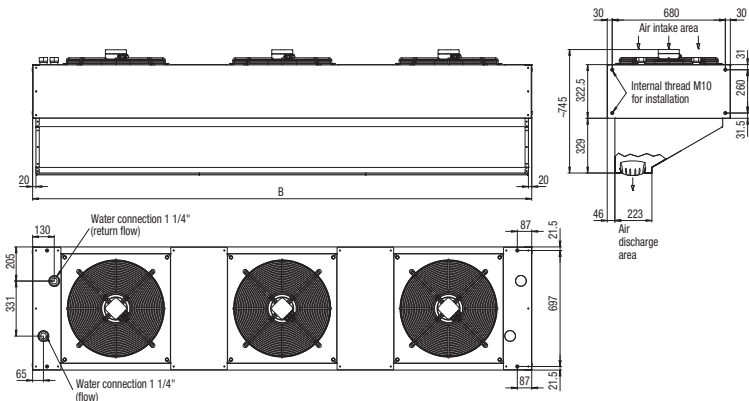
The air discharge element can be pivoted in both directions, thereby individually adapting the air curtain to suit local conditions.



ROBUVENT with the CORRIGO® air discharge system



ROBUVENT with CORRIGO air discharge system		Single unit			Multiple unit	
Model ROBUVENT		200	300	400	500	600
Installation length/height "B"	[mm]	2.000	3.000	4.000	5.000	6.000
Rec. air discharge distance up to	[m]	6,0	6,0	6,0	6,0	6,0
Weight	[kg]	130	190	250	320	380
Air volume						
Nominal flow rate	[m³/h]	15.640	23.460	31.280	39.100	46.920
Actual flow rate	[m³/h]	14.250	21.375	28.500	35.625	42.750
Max. air discharge speed	[m/s]	14,5	14,5	14,5	14,5	14,5
Max. noise level	[dB]	52-64	53-65	54-66	55-67	56-68
LTHW 70/50 air intake temperature 18°C						
Heat output	[kW]	56,6	87,5	118,3	144,1	175
Max. air discharge temperature	[°C]	30	30	30	30	30
Water resistance	[kPa]	9,8	10,4	10,6	10,4	10,4
Flow volume	[m³/h]	2,5	3,8	5,2	6,3	7,6
Connections flow/return flow	[Zoll]	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Fans						
AC technology						
Voltage/frequency	[V / Hz]	400 / 50	400 / 50	400 / 50	400 / 50	400 / 50
Output	[kW]	1,44	2,16	2,88	3,60	4,32
Power consumption	[A]	2,82	4,23	5,64	7,05	8,46
EC technology						
Voltage/frequency	[V / Hz]	400 / 50	400 / 50	400 / 50	400 / 50	400 / 50
Output	[kW]	1,88	2,82	3,76	4,70	5,64
Power consumption	[A]	3,20	4,80	6,40	8,00	9,60



Order reference ROBUVENT

Rb = Product

200, 300, 400, 500, 600 = Install. length in cm

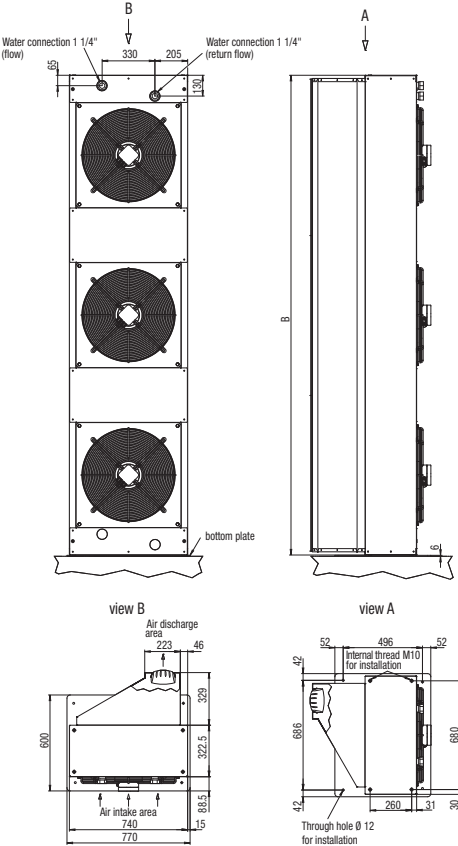
N = LTHW 70/50 °C

K = Without heat exchanger

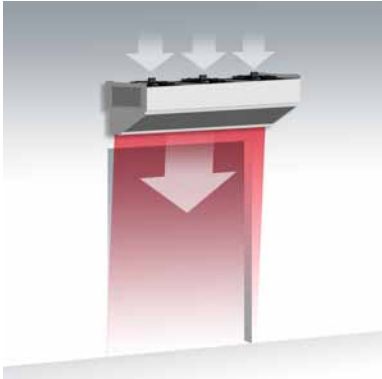
H = Horizontal installation

V = Vertical installation

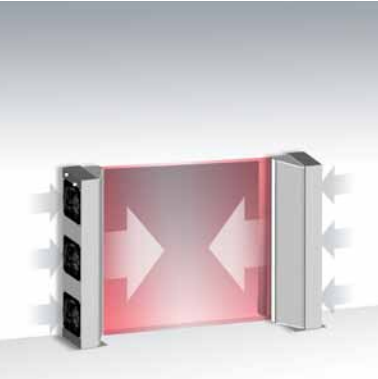
Rb 200- N- H = Example



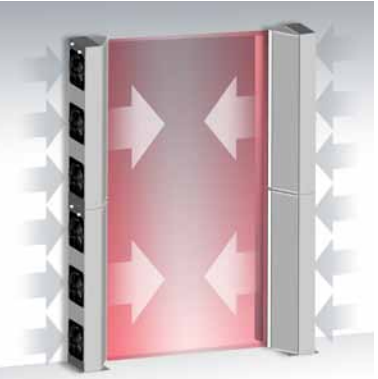
Solutions for every application:



Single unit with horizontal installation.



Double unit with vertical installation.



Multiple units can be realised extremely well with ROBUVENT.

