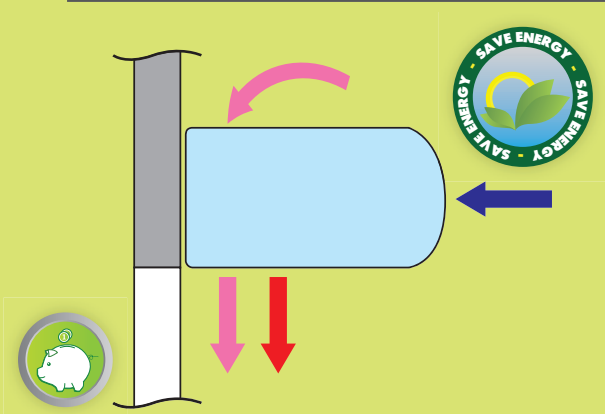




www.revo-air.nl

Comfort air curtains

Dualflow



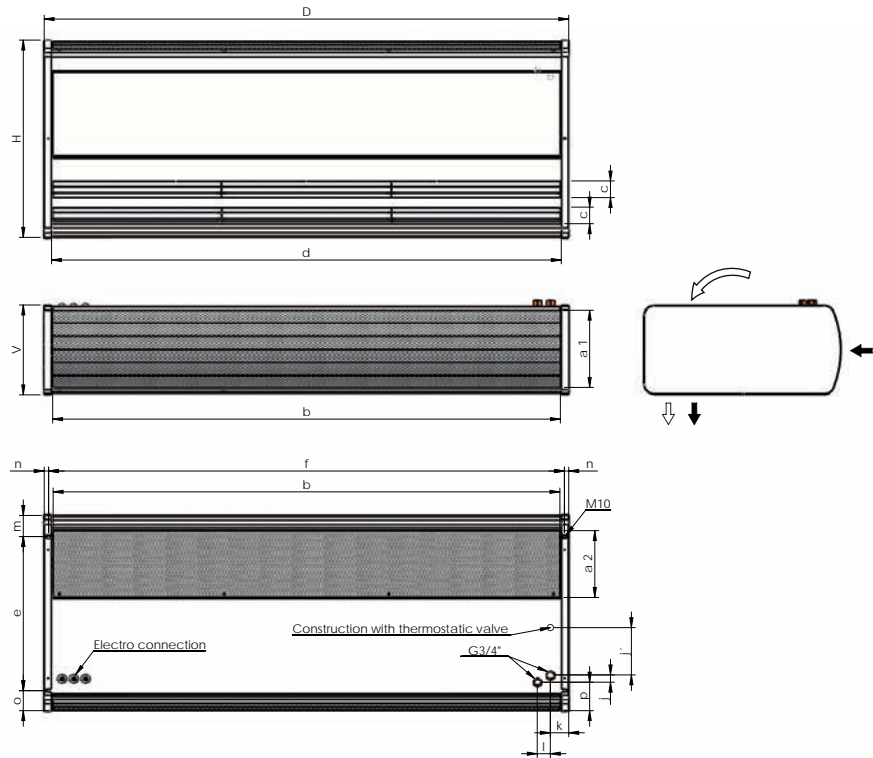
TECHNICAL DATA DUALFLOW

Comfort air curtains are intended especially for:

- banks and hotels
- offices and commercial buildings
- light industry applications
- trade-fare halls and supermarkets

- two chambers construction
- assembly: vertical/horizontal
- types: ambient / heated (water heated, electro eventually steam heated)
- for door heights of: 2,2; 2,5; 2,8; 3,5m
- for door widths of: 1,5; 2,0; 2,5m then with connection kit for any door width
- colour: RAL9010 (white) in standard
- optional also other RAL colours

- these air curtains with their design are suitable also for use in interior areas, where substantial demands in design are required
- water heated units are supplied with EU2 air filter in standard to ensure air circulation quality
- air curtains „Li – DUALFLOW“ are intended for basic environment

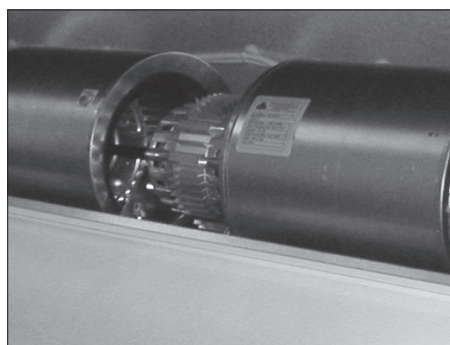


	LiX N Dualflow 150	LiX N Dualflow 200	LiX N Dualflow 250	LiO N Dualflow 150	LiO N Dualflow 200	LiO N Dualflow 250	LiI N Dualflow 150	LiI N Dualflow 200	LiI N Dualflow 250	Li2 N Dualflow 150	Li2 N Dualflow 200	Li2 N Dualflow 250
Max. air exhaust height [m]	2,2	2,2	2,2	2,5	2,5	2,5	2,8	2,8	2,8	3,5	3,5	3,5
Dimensions length D [mm]	1500	2000	2470	1500	2000	2470	1500	2000	2470	1500	2000	2470
height V [mm]	335	335	335	335	335	335	335	335	335	335	335	335
depth H [mm]	750	750	750	750	750	750	750	750	750	750	750	750
Dimensions width a [mm]	278 / 255	278 / 255	278 / 255	278 / 255	278 / 255	278 / 255	278 / 255	278 / 255	278 / 255	278 / 255	278 / 255	278 / 255
height b [mm]	1450	1950	2420	1450	1950	2420	1450	1950	2420	1450	1950	2420
width c [mm]	60 / 60	60 / 60	60 / 60	60 / 60	60 / 60	60 / 60	60 / 60	60 / 60	60 / 60	60 / 60	60 / 60	60 / 60
length d [mm]	1450	1950	2420	1450	1950	2420	1450	1950	2420	1450	1950	2420
assembly m [mm]	80	80	80	80	80	80	80	80	80	80	80	80
n [mm]	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5	12,5
o [mm]	80	80	80	80	80	80	80	80	80	80	80	80
e [mm]	590	590	590	590	590	590	590	590	590	590	590	590
f [mm]	1475	1975	2445	1475	1975	2445	1475	1975	2445	1475	1975	2445
Connection k [mm]	70	70	70	70	70	70	70	70	70	70	70	70
l [mm]	50	50	50	50	50	50	50	50	50	50	50	50
Connection k [mm]	108	108	108	108	108	108	108	108	108	108	108	108
j [mm]	28	28	28	28	28	28	28	28	28	28	28	28
j" [mm]	(200)	(200)	(200)	(200)	(200)	(200)	(200)	(200)	(200)	(200)	(200)	(200)

TECHNICAL DATA DUALFLOW

		Lix N Dualflow 150	Lix N Dualflow 200	Lix N Dualflow 250	Li0 N Dualflow 150	Li0 N Dualflow 200	Li0 N Dualflow 250	Li1 N Dualflow 150	Li1 N Dualflow 200	Li1 N Dualflow 250	Li2 N Dualflow 150	Li2 N Dualflow 200	Li2 N Dualflow 250
Air-handling capacity	[m³/h]	2980	3975	4965	3470	4625	5780	4230	5650	7050	6000	8000	10050
Heated part	[m³/h]	1485	1980	2475	1720	2290	2875	2045	2725	3405	3025	4035	5045
Not heated part	[m³/h]	1495	1995	2490	1750	2335	2905	2185	2925	3645	2975	3965	5005
Electro heater	[kW/400V]	6/9	12	12	6/9/12	12/15	12/15	9/12/1	12/15/18	12/15/18	9/12/15	12/15/18	12/15/18
Hot water heater 70/50°C													
t1=18°C	[KW]	11,3	16,2	20,3	12,3	17,7	22,3	13,7	19,6	24,7	25,4	35,1	44,1
	[kPa]	1,5	3,7	2,8	1,8	4,4	3,4	2,1	5,3	4,1	9,3	8,9	6,5
	[m³/h]	0,468	0,684	0,864	0,504	0,756	0,936	0,576	0,828	1,044	1,08	1,48	1,872
Hot water heater 60/40°C													
t1=15°C	[KW]	8,2	11,9	14,9	8,9	13	16,4	9,9	14,4	18,1	18,6	25,9	32,4
	[kPa]	0,88	2,2	1,7	1,1	2,6	2	1,2	3,1	2,4	5,5	5,4	3,9
	[m³/h]	0,324	0,504	0,612	0,36	0,54	0,684	0,396	0,612	0,756	0,792	1,08	1,368
Hot water heater 50/35°C													
t1=15°C	[KW]	7,2	10,3	12,9	7,8	11,2	14,2	8,6	12,5	15,6	16,1	22,3	28
	[kPa]	1,2	3	2,3	1,4	3,5	2,7	1,7	4,2	3,2	7,3	7,1	5,2
	[m³/h]	0,396	0,576	0,72	0,432	0,612	0,792	0,468	0,684	0,864	0,9	1,26	1,584
Connection	[DN]	20	20	20	20	20	20	20	20	20	20	20	20
Fan ventilator													
Input W	[W]	534	712	890	708	944	1180	948	1264	1580	1344	1680	2016
Fan current	[A]	4,4	5,8	7,2	5	6,7	8,3	5,8	7,7	9,6	7,8	9,7	11,7
Fan voltage	[V]	230V	230V	230V	230V	230V	230V	230V	230V	230V	230V	230V	230V
Control type		Ditronic (Ditronic plus)			Ditronic (Ditronic plus)			Ditronic (Ditronic plus)			Ditronic (Ditronic plus)		
Noise level	dB[A]	49	49	50	55	55	56	55	56	57	59	59	60
Weight	[kg]	92	121	175	92	121	175	92	121	175	106	135	189

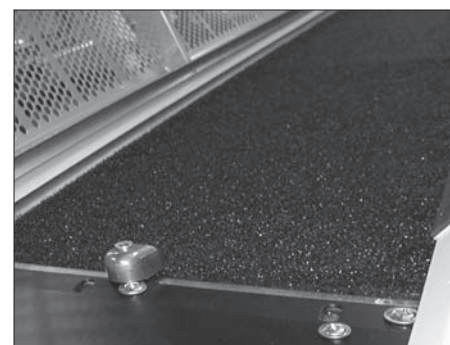
High capacity fans with motors with inbuilt overload protection.

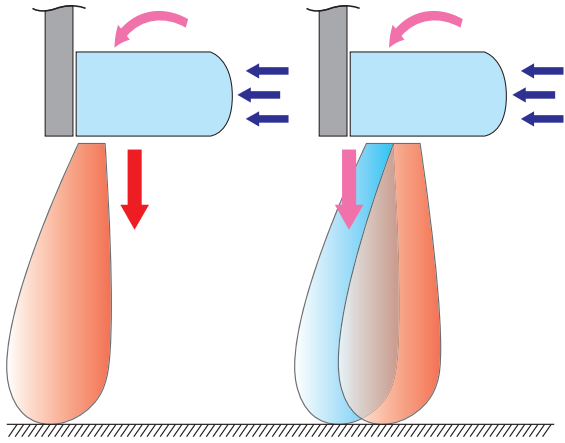


Moveable blades in both directions for optimal performance and energy savings.



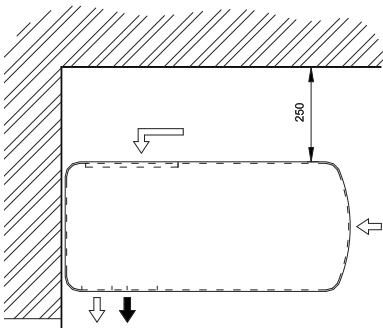
Water heated units are supplied with EU2 air filter in standard.



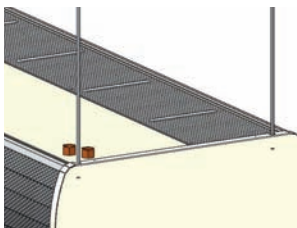


- energy consumption up to about 35% smaller
- more effective performance in the door space through dual air stream
- faster investment return

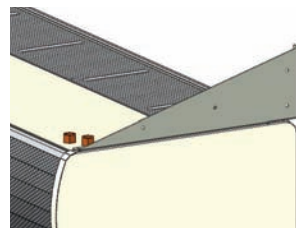
Unit placement



Suspensions possibilities



Underceiling suspension

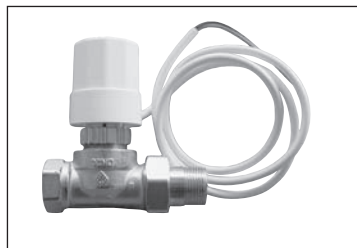


Wall suspension

Heating capacity regulation



Thermostatic head for 2-way or 3-way valve



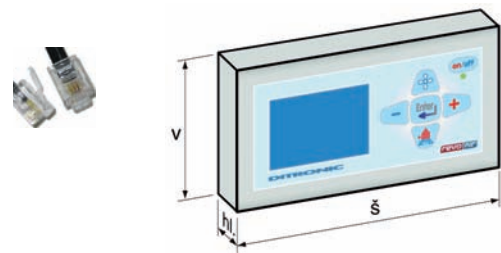
Electrothermic actuator for 2-way or 3-way valve

Control for water heated and electro units Ditrionic (PLUS)

Control description:







Regulator Ditrionic is a processor regulator of new generation, equipped with lots of additional functions in standard equipment. Because of its design and big blue display it is suitable for all kinds of interiors (from basic to the comfort ones). The control is equipped with several levels, from basic one, for easy control to user settings on customer wish. It is also possible to configure the control via PC and USB port (Ditrionic plus).

The control is intended for wall mounting IP 20. Control connection via cable with pressed connector RJ 45 see pic.



Dimensions:
DITRONIC (PLUS)
- w. 148 x h. 80 x d. 33 [mm]



-  - unit control according to the outlet or room temperature
-  - inbuilt week time clock
-  - free-potential door contact incl. adjustable time delay of unit
-  - fan and heating control from superior system (BMS) in 3-grades
-  - anti-frost protection of the room
-  - serial equipment is possibility to connect all units in the system Master/Slave, other functions see in catalogue Li 2009

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