

- HRU with efficiency $\geq 75\%$
- Counterflow
- $Q_v \leq 4500 \text{ m}^3/\text{h}$
- Horizontal, side by side



High efficiency heat recovery units type GTDHR First S

Heat recovery unit with high efficiency 90%

Application

- Ventilation for non-residential and industrial applications

Certification

- Heat exchanger is Eurovent certified
- Efficiency of the heat exchanger of more than 90% (EN308), in accordance with RT2012 and the directive ErP 2009/125/EC
- Construction according to EN 1886
 - Classifications: L1 T2 TB2 D2

Accessories

- MVX-RM
- MVX-AGC
- MTS

Order example

GTDHR 9023 F S -L

Explanation

GTDHR = Type heat recovery unit

9023 = Size 6

F = First

S = Season

L = Configuration (configuration P only available on demand)

- $P_{ab} [W] *$ = Absorbed power per fan
- $L_{pa} @ 4m$ = Sound pressure level in free field with inlets and outlets connected

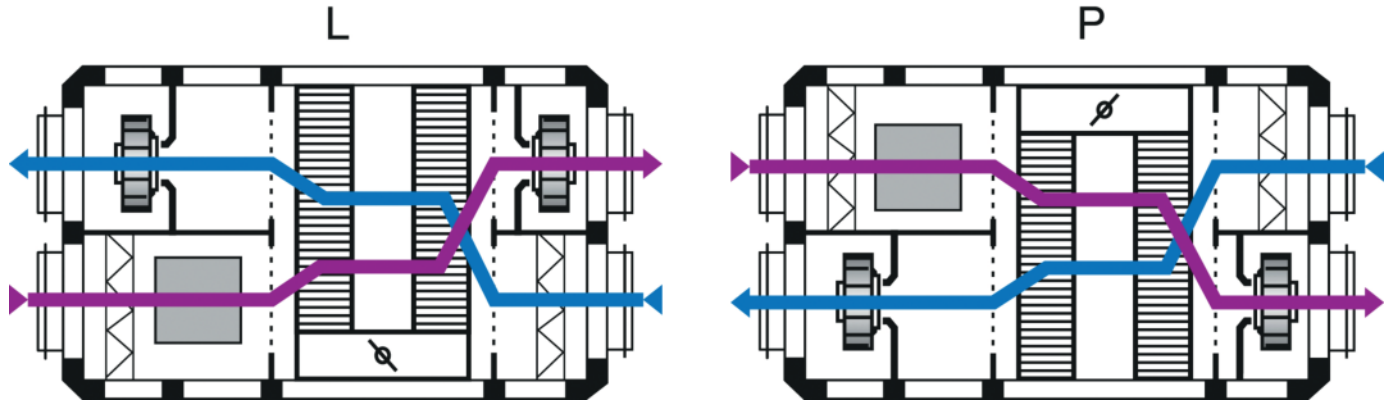
Technical data								
	$Q_{max} [m^3/h]$	$P_{Smax} @ Q_{max} [Pa]$	$U [V]$	$P [W]$	$I_{max} [A]$	$t_m [^\circ C]$	$t_o [^\circ C]$	IP
GTDHR 9008	800*	250*	1 x 230	2 x 220	3.4	60	-20	IP44
GTDHR 9010	980*	500*	1 x 230	2 x 480	4.3	60	-20	IP54
GTDHR 9016	1550*	400*	1 x 230	2 x 480	4.3	60	-20	IP54
GTDHR 9023	2300*	350*	1 x 230	2 x 700	6	40	-20	IP54
GTDHR 9035	3500*	700*	3 x 400	2 x 2500	7.7	40	-20	IP54

* Fan curve is adjustable by means of potentiometers

- t_m = Maximum air temperature
- t_o = Minimum operating temperature

Horizontal configurations - side by side flow - top view

GTDHR 9008 - 9035

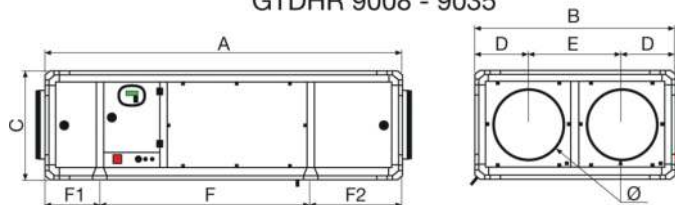


Blue arrow: Fresh air
 Purple arrow: Return air

Configuration P is only available on demand

Product drawing horizontal configuration

GTDHR 9008 - 9035



	Dimensions									
	Ø [mm]	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	F1 [mm]	F2 [mm]	[kg]
GTDHR First S 9008	315	2010	915	505	255	405	1097	362	517	210
GTDHR First S 9010	315	2010	915	505	255	405	1097	362	517	215
GTDHR First S 9016	400	2230	1115	605	305	505	1261	362	607	295
GTDHR First S 9023	450	2345	1315	705	355	605	1376	362	607	390
GTDHR First S 9035	500	2625	1515	805	405	705	1520	450	655	545

Attention

- The GTDHR 9048 and 9070 only exist in vertical configuration