

Heat reclaim ventilation

VAM-FA/FB



Ventilation with heat recovery as standard

- › Energy saving ventilation using indoor heating, cooling and moisture recovery
- › Free cooling possible when outdoor temperature is below indoor temperature (eg. during nighttime)
- › Prevent energy losses from over-ventilation while maintaining indoor air quality with optional CO2 sensor
- › High efficiency filters available in F6, F7, F8 grades
- › Shorter installation time thanks to easy adjustment of nominal air flow rate, so less need for dampers compared with traditional installation.

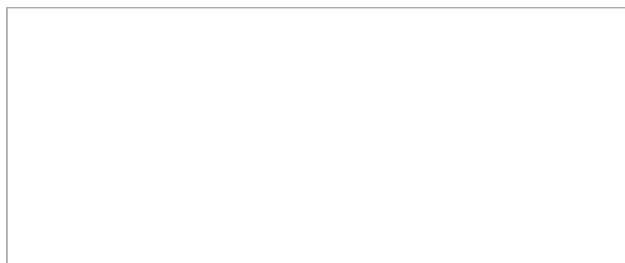
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Ventilation				VAM	150FA	250FA	350FB	500FB	650FB	800FB	-			
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high	kW	0.116	0.141	0.132	0.178	0.196	0.373	0.375	0.828	0.852	
	Bypass mode	Nom.	Ultra high	kW	0.116	0.141	0.132	0.178	0.196	0.373	0.375	0.828	0.852	
Temperature exchange efficiency - 50Hz	Ultra high/High/Low			%	74/74/79	72/72/77	75/75/80	74/74/77		74/74/76	75/75/76.5		75/75/78	
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high/High/Low		%	58/58/64	58/58/62	61/61/67	58/58/63		60/60/62	61/61/63	61/61/64	61/61/66	
	Heating	Ultra high/High/Low		%	64/64/69	64/64/68	65/65/70	62/62/67	63/63/66	65/65/67	66/66/68		66/66/70	
Operation mode	Heat exchange mode / Bypass mode / Fresh-up mode													
Heat exchange system	Air to air cross flow total heat (sensible + latent heat) exchange													
Heat exchange element	Specially processed non-flammable paper													
Dimensions	Unit	HeightxWidthxDepth		mm	285x776x525		301x828x816		364x1,004x868		364x1,004x1,156	726x1,512x868	726x1,512x1,156	
Weight	Unit			kg	24		33		52		55	64	131	152
Casing	Galvanised steel plate													
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high	m ³ /h	150	250	350	500	650	800	1,000	1,500	2,000		
	Bypass mode	Ultra high	m ³ /h	150	250	350	500	650	800	1,000	1,500	2,000		
Fan-External static pressure - 50Hz	Ultra high			Pa	69	64	98		93	137	157	137		
	High			Pa	39									
	Low			Pa	20									
Air filter	Type													
Sound pressure level - 50Hz	Heat exchange mode	Ultra high	dBA	27 / 28.5	28 / 29	32	33	34.5	36		39.5	40		
	Bypass mode	Ultra high	dBA	27 / 28.5	28 / 29	32	33.5	34.5	36		40.5	40		
Operation range	Min.			°CDB									-15	
	Max.			°CDB									50	
	Relative humidity			%									80% or less	
Connection duct diameter				mm	100	150		200		250	350			
Power supply	Phase/Frequency/Voltage			Hz/V									1~/50/60/220-240/220	
Current	Maximum fuse amps (MFA)			A	15								16	

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