



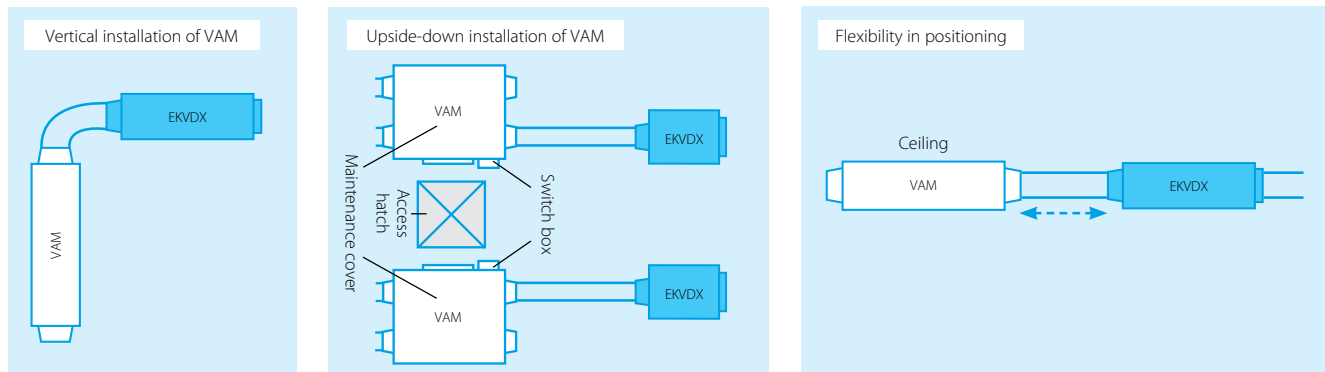
Fresh and clean air for commercial and industrial spaces

EKVDX-A



DX coil for air processing

Post heating or cooling of fresh air to lower the load on the air conditioning system

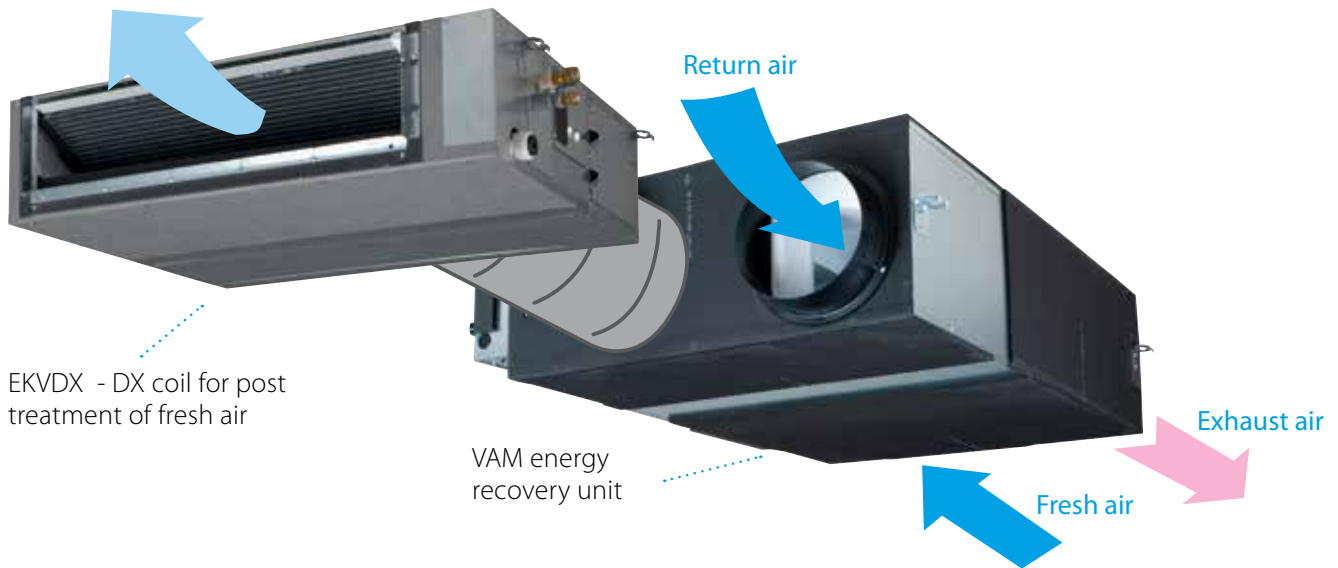


- › Creates a high quality indoor environment by pre conditioning of incoming fresh air
- › Maximum installation flexibility thanks to separate DX coil
- › Wide range of units covering fresh air flows of 500 up to 2,000 m³/h
- › High ESP up to 150 Pa
- › Can be integrated in both R-32/R-410A VRV systems



DX coil for post treatment of fresh air

Supply air



EKVDX - DX coil for post treatment of fresh air

VAM energy recovery unit



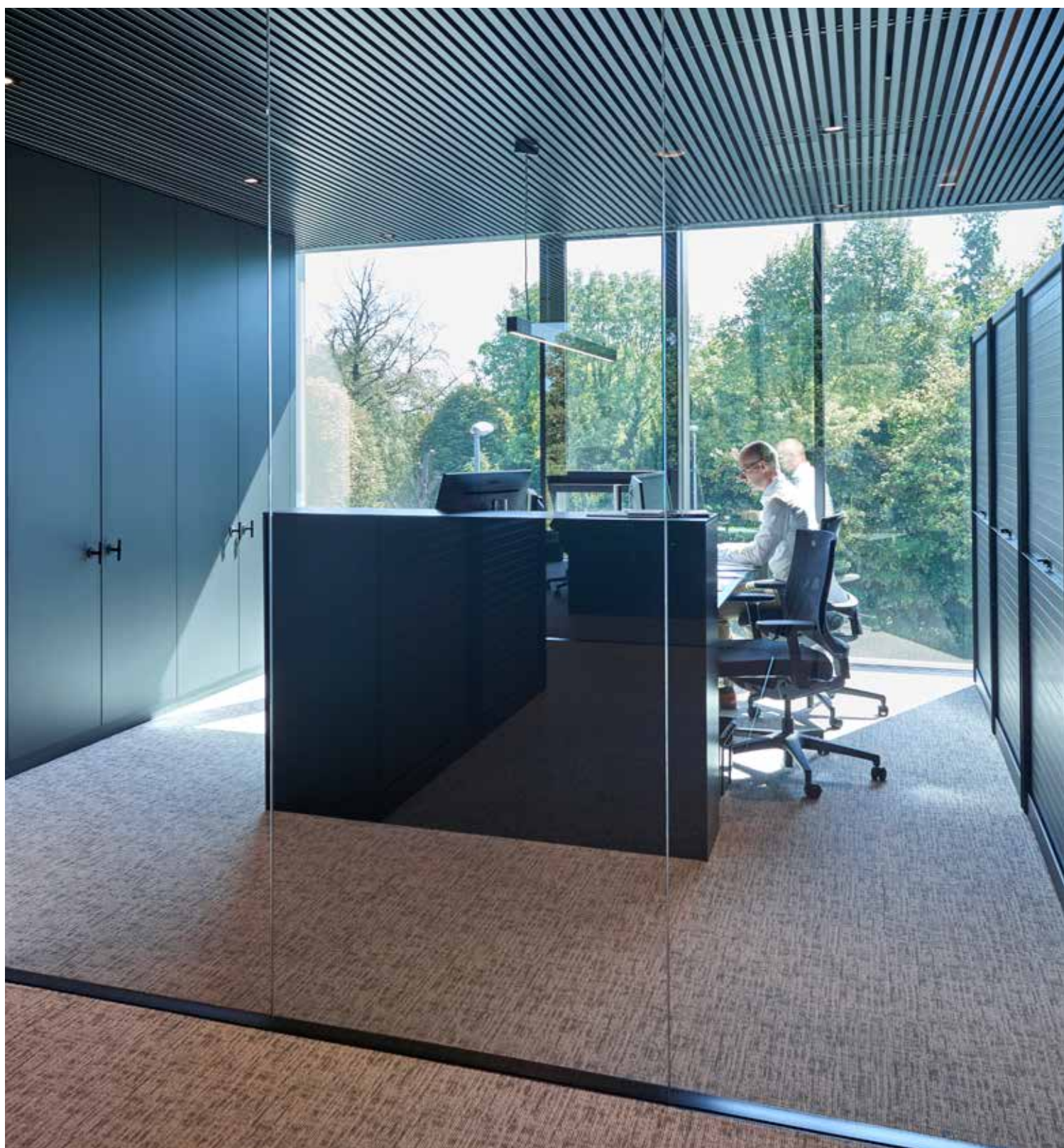
EKVDX-A

More details and final information can be found by scanning or clicking the QR codes.

					EKVDX32A	EKVDX50A	EKVDX80A	EKVDX100A
Power input - 50Hz	Cooling	Nom.	kW		0,035	0,035	0,035	0,035
	Heating	Nom.	kW		0,035	0,035	0,035	0,035
Casing	Galvanised steel plate							
Insulation material	Opcell and anti-sweat material							
Dimensions	Unit	Height	mm		250			
		Width	mm		550	700	1000	1400
		Depth	mm		809			
Weight	Unit		kg		19	23,4	30,1	37,7
Operation range	Around unit				°CDB			
					0-40			
	On coil temperature	Cooling	Max.	°CDB	35	35	35	35
Piping connections	Liquid	OD		mm	11	11	11	11
		OD		mm				
		OD		mm				
Refrigerant	Type	6,35						
		12,7						
		VP20 (OD Ø 26, ID Ø 20)						
Heat exchange system	GWP	R410A/R32						
		2087,5/675						
		Direct expansion						
Power supply	Phase				single phase			
	Frequency				50/60			
	Voltage				220-240/220			

					EKVDX32A + VAM500J8	EKVDX50A + VAM650J8	EKVDX50A + VAM800J8	EKVDX80A + VAM1000J8	EKVDX100A + VAM1500J8	EKVDX100A + VAM2000J8
Cooling capacity	Total (VAM+DX coil)	At ultra high fan speed	kW		5.1	7.1	8.6	9.3	15.4	18.4
					3.4	4.8	5.5	5.7	9.5	11.2
					2.7	4.1	4.4	4.5	8.8	9.2
Heating capacity	Total (VAM+DX coil)	At ultra high fan speed	kW		6.7	8.5	11	11.9	18.7	22.9
					4.2	5.1	6.9	7	10.8	13
					3.6	4.6	5.8	6.3	9.6	11.7
Fan	Air flow rate - 50Hz	Heat exchange mode	Ultra high	m³/h	500	650	800	1000	1500	2000
			High	m³/h	425	550	680	850	1275	1700
			Ultra high	m³/h	500	650	800	1000	1500	2000
	External static pressure - 50Hz	Bypass mode	High	m³/h	425	550	680	850	1275	1700
			Maximum	Pa	81.9	73.0	133.7	106.0	153.6	92.1
			Ultra high	Pa	51.9	43.0	23.7	26.0	43.6	12.1
Sound pressure level - 50Hz	Cooling	Ultra high		Pa	39.0	33.9	19.4	21.4	35.1	11.9
	Heating	Ultra high		dBA	32	34	35.5	40.5	38.5	43.5
				dBA	30.5	32	34	38	37	40
Current	Maximum fuse amps (MFA)	A			32.5	34.5	36	40.5	39	44
					31.5	32	34	38.5	37	40.5

The heat reclaim ventilation unit and the EKVDX indoor unit MUST share the same electrical safety devices and power supply



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