



HRV

Heat Recovery Ventilation



- Heat purge (economiser): heat accumulated indoors is discharged at night
- Integration of air conditioning into HRV unit
- Increased static pressure thanks to improved fan performance
- Individual control via HRV remote control
- Connectable to current Daikin control systems:

DS net

Intelligent touch Controller

Intelligent Manager

BACnet Gateway

DMS-IF

VKM-GA

Ventilation & DX coil			VKM50GA	VKM80GA	VKM100GA
Fresh air conditioning load	Cooling	kW	4.71	7.46	9.12
	Heating	kW	5.58	8.79	10.69
Air flow rate	UH - H - L	m³/h	500 - 500 - 440	750 - 750 - 640	950 - 950 - 820
Sound pressure level - 220V	UH - H - L	dBA	38 - 36 - 33.5	40 - 37.5 - 34.5	40 - 38 - 35
Sound pressure level - 240V	UH - H - L	dBA	39 - 37 - 33.5	41.5 - 39 - 37	41 - 39 - 36.5
Static pressure	UH - H - L	Pa	180 - 150 - 110	170 - 120 - 80	150 - 100 - 70
Temperature exchange efficiency	UH - H - L	%	76 - 76 - 77.5	78 - 78 - 79	74 - 74 - 76.5
Enthalpy exchange efficiency - cooling	UH - H - L	%	64 - 64 - 67	66 - 66 - 68	62 - 62 - 66
Enthalpy exchange efficiency - heating	UH - H - L	%	67 - 67 - 69	71 - 71 - 73	65 - 65 - 69
Dimensions	Height	mm	387	387	387
	Width	mm	1,764	1,764	1,764
	Depth	mm	832	1,214	1,214
Weight		kg	96	109	114
Power supply		V1		1 ~, 220-240V, 50Hz	