



HRV

Heat Recovery Ventilation



- Heat purge (economiser): heat accumulated indoors is discharged at night
- Integration of humidification and 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 Controller

Intelligent Manager

BACnet Gateway

MS-IF

VKM-GM

VENTILATION, DX COIL & HUMIDIFIER

			VKM50GM	VKM80GM	VKM100GM
Fresh air conditioning load	Cooling	kW	4.71	746	912
	Heating	kW	5.58	8.79	10.69
Air flow rate	Ultra high - high - low	m ³ /h	500 - 500 - 440	750 - 750 - 640	950 - 950 - 820
Sound pressure level - 220V	Ultra high - high - low	dB(A)	37 - 35 - 32	38.5 - 36 - 33	39 - 37 - 34
Sound pressure level - 240V	Ultra high - high - low	dB(A)	38 - 36 - 34	40 - 37.5 - 35.5	40 - 38 - 35.5
Static pressure	Ultra high - high - low	Pa	160 - 120 - 100	140 - 90 - 70	110 - 70 - 60
Temperature exchange efficiency	Ultra high - high - low	%	76 - 76 - 77.5	78 - 78 - 79	74 - 74 - 76.5
Enthalpy exchange efficiency - cooling	Ultra high - high - low	%	64 - 64 - 67	66 - 66 - 68	62 - 62 - 66
Enthalpy exchange efficiency - heating	Ultra high - high - low	%	67 - 67 - 69	71 - 71 - 73	65 - 65 - 69
Humidifier type	natural evaporating humidifier				
Humidification capacity		kg/h	2.70	4.00	5.40
Dimensions	Height	mm	387	387	387
	Width	mm	1,764	1,764	1,764
	Depth	mm	832	1,214	1,214
Weight		kg	102	120	125
Power supply		V		1 ~, 220-240V, 50Hz	

VKM-G

VENTILATION & DX COIL

			VKM50G	VKM80G	VKM100G
Fresh air conditioning load	Cooling	kW	4.71	746	912
	Heating	kW	5.58	8.79	10.69
Air flow rate	Ultra high - high - low	m ³ /h	500 - 500 - 440	750 - 750 - 640	950 - 950 - 820
Sound pressure level - 220V	Ultra high - high - low	dB(A)	38 - 36 - 33.5	40 - 37.5 - 34.5	40 - 38 - 35
Sound pressure level - 240V	Ultra high - high - low	dB(A)	39 - 37 - 35.5	41.5 - 39 - 37	41 - 39 - 36.5
Static pressure	Ultra high - high - low	Pa	180 - 150 - 110	170 - 120 - 80	150 - 100 - 70
Temperature exchange efficiency	Ultra high - high - low	%	76 - 76 - 77.5	78 - 78 - 79	74 - 74 - 76.5
Enthalpy exchange efficiency - cooling	Ultra high - high - low	%	64 - 64 - 67	66 - 66 - 68	62 - 62 - 66
Enthalpy exchange efficiency - heating	Ultra high - high - low	%	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		V		1 ~, 220-240V, 50Hz	