

Sky Air Alpha-series

Industry leading technology for commercial applications and technical rooms

- › Top efficiency:
 - energy labels up to A++ in both cooling and heating
 - compressor offers substantial improvements in efficiency
- › The perfect balance in efficiency and comfort due to Variable Refrigerant Temperature: top seasonal efficiency throughout most of the year and quick reaction speed on the hot days.



- › For high sensible infrastructure cooling applications
- › Replace existing systems without having to replace the piping



- › Extended operation range down to -20°C in heating and cooling
- › With a gas cooled PCB, reliable cooling is guaranteed, as it is not influenced by ambient temperature
- › Maximum piping length up to 85m



RZAG100-140MV1/MY1

Comfort cooling combination table

		FCAHG-G				FCAG-A				FFA-A			FDA-A			FDXM-F3			FBA-A				FHA-A				FAA-A			FUA-A			FNA-A			FVA-A									
capacity class		71	100	125	140	35	50	60	71	100	125	140	35	50	60	125	35	50	60	35	50	60	71	100	125	140	35	50	60	71	100	125	140	71	100	71	100	125	35	50	60	71	100	125	140
RZAG71MV1	RZAG71MY1					2			P				2				2						P				2			P				P	P			2				P			
RZAG100MV1	RZAG100MY1		P			3	2			P			3	2			3	2					P				3	2		P				P	P			3	2			P			
RZAG125MV1	RZAG125MY1			P		4	3	2			P		4	3	2		4	3	2				P				4	3	2	P				P	P			4	3	2		P			
RZAG140MV1	RZAG140MY1	2			P	4	3		2			P	4	3			4	3									4	3		P	4	3		P	2		2	4	3			2			P

P = application ; 2/3/4 = twin/triple/double twin application

Infrastructure cooling combination table



		FAA-A				FHA-A				FBA-A				FDXM-F3			FUA-A			FVA-A			FFA-A			FCAHG-G				FCAG-A														
capacity class		71	100	35	50	60	71	100	125	140	35	50	60	71	100	125	140	35	50	60	71	100	125	71	100	125	140	35	50	60	71	100	125	140	35	50	60	71	100	125	140			
RZAG71MV1	RZAG71MY1		P	3	2			P			3	2			P			3	2					P						3	2						P				P			
RZAG100MV1	RZAG100MY1	2		4	3		2			P	4	3		2			P	4	3		2			2			2			P	4	3		2			P	4	3		2			P
RZAG125MV1	RZAG125MY1	2		4	3		2			P	4	3		2			P	4	3		2			2			2			P	4	3		2			P	4	3		2			P
RZAG140MV1	RZAG140MY1	2		4	3		2			P	4	3		2			P	4	3		2			2			2			P	4	3		2			P	4	3		2			P

P = Pair, 2 = Twin, 3 = Triple, 4 = Double twin; For more information on infrastructure cooling options refer to infrastructure cooling catalogue.



RZAG-MV1



RZAG-MY1

More details and final information can be found our my.daikin.eu

Outdoor unit		RZAG		71MV1	100MV1	125MV1	140MV1	71MY1	100MY1	125MY1	140MY1	
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320		1,430x940x320		990x940x320		1,430x940x320	
Weight	Unit	kg		70	92		70		92		70	
Sound power level	Cooling	Nom.		dB	64	66	69	70	65	66	69	70
	Heating	Nom.		dB	46	47	50	51	46	47	50	51
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-20~52							
	Heating	Ambient	Min.~Max.	°CWB	-20~18.0							
Refrigerant	Type/GWP	R-32/675										
	Charge	kg/TCO2Eq		2.95/1.99	3.75/2.53		2.95/1.99		3.75/2.53			
Piping connections	Liquid/Gas	mm										
	Piping length	OU - IU	Max.	m	55	85		55		85		
		System	Equivalent	m	75	100		75		100		
		Chargeless	m	40								
		Additional refrigerant charge	kg/m	See installation manual								
Power supply	Level difference	IU - OU	Max.	m	30.0							
	Phase/Frequency/Voltage	Hz/V	1~/50/220-240					3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)	A	20	32		16						