

# Perfera for optimal heating comfort thanks to high energy efficiencies

Efficiency data				STANDARD				OPTIMISED FOR HEATING	
				CVXM20A2V1B + Multi	FVXM25A + RXM25R	FVXM35A + RXM35R	FVXM50A + RXM50R	FVXM25A + RXTP25N8	FVXM35A + RXTP35N8
Cooling capacity	Nom.	kW		2.40	3.40	5.00	2.50	3.50	
	Min.	kW		1.30	1.40	1.40	1.00	1.10	
	Max.	kW		3.50	4.00	5.80	4.20	4.30	
Heating capacity	Nom.	kW		3.40	4.50	5.80	3.20	4.00	
	Min.	kW		1.30	1.30	1.40	1.00	1.10	
	Max.	kW		4.70	5.80	8.10	5.70	6.20	
Seasonal efficiency (according to EN14825)	Cooling	Energy efficiency class	kW	A <sup>++</sup>	A <sup>+</sup>	A <sup>+</sup>	A <sup>++</sup>	A <sup>++</sup>	
		Pdesign	kW	2.40	3.40	5.00	2.50	3.50	
	Heating	SEER	kW	8.55	8.11	7.30	6.50	6.10	
		Energy efficiency class	kW	A <sup>+</sup>	A <sup>+</sup>	A <sup>+</sup>	A <sup>+</sup>	A <sup>+</sup>	
		Pdesign	kW	2.30	2.80	4.10	2.50	3.00	
SCOP/A			4.65	4.63	4.31	4.70	4.60		
<b>Indoor unit</b>				<b>CVXM20A</b>	<b>FVXM25A</b>	<b>FVXM35A</b>	<b>FVXM50A</b>	<b>FVXM25A</b>	<b>FVXM35A</b>
Dimensions	Unit	HeightxWidthxDepth	mm	600x750x238				600x750x238	
Weight	Unit		kg	17				17	
Air filter	Type			removable / washable				removable / washable	
Sound power level	Cooling		dBA	52/52	52/52	53/53	61/62	52/52	53/53
	Heating		dBA	52/52	52/52	53/53	61/62	52/52	53/53
Sound pressure level	Cooling	Silent operation/Low/High	dBA	22**/25/32/38	20/25/32/38	20/25/32/39	27/31/38/44	21*/25/32/38	21*/25/32/39
	Heating	Silent operation/Low/High	dBA	21**/25/32/38	19/25/32/38	19/25/32/39	29/35/40/46	20*/25/32/38	20*/25/32/39
Power supply	Phase/Frequency/Voltage								
<b>Outdoor unit</b>				<b>RXM25R</b>	<b>RXM35R</b>	<b>RXM50R</b>	<b>RXTP25N8</b>	<b>RXTP35N8</b>	
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	550x765x285	734x870x373	551x763x312		
Weight	Unit		kg	32		50	38		
Sound power level	Cooling		dBA	58	61	62	61		
	Heating		dBA	59	61	62	61		
Sound pressure level	Cooling	Nom.	dBA	46	49	48	48		
	Heating	Nom.	dBA	47	49	49	49		
Operation range	Cooling	Ambient	Min.~Max.	-10 ~ +46			-10 ~ +46		
	Heating	Ambient	Min.~Max.	-15 ~ +18			-25 ~ +18		
Refrigerant	Type			R-32			R-32		
	GWP			675			675		
	Charge		kg/TCO2Eq	0.76/0.52		1.15/0.78	1.10/0.75		
Piping connections	Liquid	OD	mm	6.35			6.35		
	Gas	OD	mm	9.5	12.7		9.5		
	Piping length	OU - IU	Max.	20	30		20		
		System	Chargeless	m	10			10	
Additional refrigerant charge			kg/m	0.02 (for piping length exceeding 10 m)			0.02 (for piping length exceeding 10 m)		
	Level difference	IU - OU	Max.	15	20		15		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240			1~/50/220-240		
Current - 50Hz	Circuit breaker value		A	13	16		16		

\*\* +2dBA in SL-tap for Multi combination

\* +1dBA in SL-tap for RXTP combination

See separate drawing for electrical data | See separate drawing for operation range | Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. | Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. | Contains fluorinated greenhouse gases

Multi Model Application	CVXM20A	FVXM25A	FVXM35A	FVXM50A
2MXM40N	4	4	4	-
2MXM50N	4	4	4	4
3MXM40N8*	4	4	4	-
3MXM52N8*	4	4	4	4

\* In case of 3MXM40N8 and 3MXM52N8 combination, maximum piping length of the installation must be limited to 30m