

Perfera for optimal comfort thanks to high energy efficiencies

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



CTXM-R



FTXM-R



RXM-R



RXM-R9

Efficiency data		FTXM + RXM		CTXM15R	20R + 20R9	25R + 25R9	35R + 35R9	42R + 42R	50R + 50R	60R + 60R	71R + 71R
Cooling capacity	Min./Nom./Max.	kW		Multi combination only	1.30/2.00/2.60	1.30/2.50/3.20	1.40/3.40/4.00	1.70/4.20/5.00	1.70/5.00/6.00	1.70/6.00/7.00	2.30/7.10/8.50
Heating capacity	Min./Nom./Max.	kW			1.30/2.50/3.50	1.30/2.80/4.70	1.40/4.00/5.20	1.70/5.40/6.00	1.70/5.80/7.70	1.70/7.00/8.00	2.30/8.20/10.20
Power input	Cooling	Nom.	kW		0.44	0.56	0.80	0.97	1.36	1.77	2.34
	Heating	Nom.	kW		0.50	0.56	0.99	1.31	1.45	1.94	2.57
Space cooling	Energy efficiency class					A+++				A+++	
	Capacity	Pdesign	kW		2.00	2.50	3.40	4.20	5.00	6.00	7.10
	SEER					8.65		7.85	7.41	6.90	6.20
Space heating (Average climate)	Annual energy consumption		kWh/a		81	101	137	187	236	304	401
	Energy efficiency class					A+++			A+++		A+++
	Capacity	Pdesign	kW		2.30	2.40	2.50	4.00	4.60	4.80	6.20
Nominal efficiency	SCOP/A					5.10		4.71		4.30	4.10
	Annual energy consumption		kWh/a		631	659	686	1,189	1,368	1,562	2,117
	EER				4.57	4.50	4.23	4.33	3.68	3.39	3.03
Annual energy consumption	COP					5.00	4.04	4.12	4.00	3.61	3.19
	Annual energy consumption		kWh		219	278	402	485	679	885	1,172
	Energy labeling Directive	Cooling/Heating					A/A			B/D	

Indoor unit		FTXM		CTXM15R	20R	25R	35R	42R	50R	60R	71R
Dimensions	Unit	HeightxWidthxDepth	mm		295x778x272				299x998x292		
Weight	Unit		kg		10.0				14.5		
Air filter	Type				Removable/washable						
Fan	Air flow rate	Cooling	Silent operation/Low/Medium/High	m³/min	4.3/5.7/7.5/10.5	4.1/5.7/7.6/10.5	4.2/6.0/7.8/11.3	4.3/6.5/9.0/11.9	8.3/11.4/14/15.8	9.1/11.8/14/16.7	10.0/12.2/15/16.9
		Heating	Silent operation/Low/Medium/High	m³/min	5.1/6.2/8.2/9.3	4.9/6.3/8.0/9.8	4.9/6.5/8.5/9.8	4.9/6.5/9.7/12.4	10.5/12.0/14.2/15.8	11.1/12.4/15.2/16.5	11.6/12.7/15.8/17.7
Sound power level	Cooling			dBA	57		58	60	58.0	60.0	
	Heating			dBA	54			60	58.0	59.0	61.0
Sound pressure level	Cooling	Silent operation/Low/High		dBA	19/25/41		19/29/45	21/30/45	27.0/36.0/44.0	30.0/37.0/46.0	32.0/38.0/47.0
	Heating	Silent operation/Low/High		dBA	20/26/39		20/27/39	20/28/39	21/29/45	31.0/34.0/43.0	33.0/36.0/45.0
Control systems	Infrared remote control				ARC466A67						

Outdoor unit		RXM		CTXM15R	20R9	25R9	35R9	42R	50R	60R	71R
Dimensions	Unit	HeightxWidthxDepth	mm		552x840x350				734x954x401		
Weight	Unit		kg		32				49.0		
Sound power level	Cooling	Nom.	dBA		59.0	58.0	61.0				
	Heating	Nom.	dBA		59.0		61.0				
Sound pressure level	Cooling	Nom.	dBA		46.0		49.0		48.0		47.0
	Heating	Nom.	dBA		47.0		49.0	48.0	49.0		48.0
Operation range	Cooling	Ambient	Min.-Max.	°CDB	-10~-50				-10~-50		-10~-46
	Heating	Ambient	Min. -Max.	°CDB				-20~-24			-15~-24
Refrigerant	Type/GWP				R-32/675.0						
	Charge		kg/CO2Eq		0.76/0.52			1.10/0.750	1.15/0.780		
Piping connections	Liquid	OD	mm		6.35				6		
	Gas	OD	mm				9.50		12.7		15.9
	Piping length	OU - IU	Max. m		20				30		
Additional refrigerant charge	System	Chargeless	m		10						
	Level difference	IU - OU	Max. m		0.02 (for piping length exceeding 10m)						
Power supply	Phase/Frequency/Voltage		Hz/V		15			20.0			
Current - 50Hz	Maximum fuse amps (MFA)		A		10		13		16		20

Connectable indoor units			Multi cooling and heating								Multi + cooling, heating, hot water	
			2MXM40A	2MXM50A	2MXM68A	3MXM40A	3MXM52A	3MXM68A	4MXM68A	4MXM80A	5MXM90A	4MWXM52A
Wall mounted unit	CTXM-R	15	•	•	•	•	•	•	•	•	•	•
	FTXM-R	20	•	•	•	•	•	•	•	•	•	•
		25	•	•	•	•	•	•	•	•	•	•
		35	•	•	•	•	•	•	•	•	•	•
		42	•	•	•	•	•	•	•	•	•	•
		50	•	•	•	•	•	•	•	•	•	•
		60	•	•	•	•	•	•	•	•	•	•
71	•	•	•	•	•	•	•	•	•	•		
Domestic hot water tank	EKHWET-BV3	90/120							•			•

See separate drawing for operation range | See separate drawing for electrical data | 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. | Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB; equivalent piping length: 5m | Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m | Contains fluorinated greenhouse gases.