



Air Conditioning Technical Data RXF-D



1 Specifications

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Technical specifications				FTXF50D + RXF50D	FTXF60D + RXF60D	FTXF71D + RXF71D
Indoor unit				FTXF50D2V1B	FTXF60D2V1B	FTXF71D2V1B
Outdoor unit				RXF50D5V1B	RXF60D5V1B	RXF71D5V1B
Cooling capacity	Min.	kW		1.70		2.30
	Min.	Btu/h		5,800		7,800
	Min.	kcal/h		1,462		1,978
	Nom.	kW		5.00	6.00	7.10
	Nom.	Btu/h		17,100	20,500	24,200
	Nom.	kcal/h		4,299	5,159	6,105
	Max.	kW		6.00	7.00	7.30
	Max.	Btu/h		20,500	23,900	24,900
	Max.	kcal/h		5,159	6,019	6,277
Cooling capacity - Low sound mode (Stb. 2020, 189)	Min.	kcal/h		-		
	Max.	kcal/h		-		
Heating capacity	Min.	kW		1.70		2.30
	Min.	Btu/h		5,800		7,800
	Min.	kcal/h		1,500		2,000
	Nom.	kW		6.00	6.40	8.20
	Nom.	Btu/h		20,500	21,800	28,000
	Nom.	kcal/h		5,159	5,503	7,051
	Max.	kW		7.70	8.00	9.00
	Max.	Btu/h		26,300	27,300	30,700
	Max.	kcal/h		6,621	6,879	7,739
Power input	Cooling	Nom. kW		1.50	1.85	2.77
	Heating	Nom. kW		1.62	1.63	2.21
Nominal efficiency	EER			3.33	3.25	2.56
	COP			3.71	3.93	3.15
	Annual energy consumption	kWh		751	923	1,387
	Energy labeling Directive	Cooling Heating		A		E
Space cooling	Energy efficiency class			A++		A
	Capacity Pdesign	kW		5.00	6.00	7.10
	SEER			6.21	6.15	5.15
	Annual energy consumption	kWh/a		282	342	483
Space heating (Average climate)	Capacity Pdesign	kW		4.60	4.80	6.20
	Energy efficiency class			A+		A
	SCOP/A			4.06		3.81
Space heating (Average climate)	SCOPnet/A			4.09		3.84
	Pdh Heating capacity at -10°	kW		4.07	4.24	5.02
	Annual energy consumption	kWh/a		1,585	1,654	2,275
	Required back up heating cap at design conditions	kW		0.53	0.56	1.18
Space heating (Warm climate)	Capacity Pdesignh	kW		2.48	2.59	3.34
	Energy efficiency class			A+++		
	SCOP			5.31	5.17	5.23
	SCOPnet			5.39	5.24	5.29
	Annual energy consumption	kWh/a		654	702	894
	Required back up heating cap at design conditions	kW		0.00		
Space cooling	A Condi- tion (35°C - 27/19)	Pdc EERd	kW	5.00	6.00	7.10
				3.33	3.25	2.56
		Power input	kW	1.50	1.85	2.77
	B Condi- tion (30°C - 27/19)	Pdc EERd	kW	3.69	4.43	5.24
				4.67	4.17	3.98
		Power input	kW	0.79	1.06	1.32
	C Condi- tion (25°C - 27/19)	Pdc EERd	kW	2.37	2.85	3.37
				6.92	7.21	6.14
		Power input	kW	0.34	0.40	0.55
	D Condi- tion (20°C - 27/19)	Pdc EERd	kW	2.12	2.39	2.60
				11.68	12.05	8.11
		Power input	kW	0.18	0.20	0.32

2 Specifications

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Technical specifications					FTXF50D + RXF50D	FTXF60D + RXF60D	FTXF71D + RXF71D		
Space heating (Average climate)	TOL	Tol (temperature operating limit)			°C	-15			
		Pdh (declared heating cap)			kW	4.07	4.22	4.24	
		COPd (declared COP)				2.06	2.33	2.24	
		Power input			kW	1.98	1.81	1.89	
	TBivalent	Tbiv (bivalent temperature)			°C	-7			
		Pdh (declared heating cap)			kW	4.07	4.25	5.49	
		COPd (declared COP)				2.71	2.22		
		Power input			kW	1.50	1.91	2.47	
	A Con- dition (+7°C)	Pdh (declared heating cap)			kW	4.07	4.25	5.49	
		COPd (declared COP)				2.71	2.22		
	B Condi- tion (2°C)	Power input			kW	1.50	1.91	2.47	
		Pdh (declared heating cap)			kW	2.48	2.59	3.34	
		COPd (declared COP)				3.98	4.28	3.91	
		Power input			kW	0.62	0.61	0.85	
C Condi- tion (7°C)	Pdh (declared heating cap)			kW	1.60	1.67	2.15		
Space heating (Average climate)	C Condi- tion (7°C)	COPd (declared COP)				5.13	5.24	4.72	
		Power input			kW	0.31	0.32	0.46	
	D Con- dition (12°C)	Pdh (declared heating cap)			kW	1.79	2.03	1.55	
		COPd (declared COP)				6.91	6.41	6.74	
		Power input			kW	0.26	0.32	0.23	
Space heating (Warm climate)	TOL	Tol (temperature operating limit)			°C	-15			
		Pdh (declared heating cap)			kW	4.07	4.22	4.24	
		COPd (declared COP)				2.06	2.33	2.24	
		Power input			kW	1.98	1.81	1.89	
	TBivalent	Tbiv (bivalent temperature)			°C	2			
		Pdh (declared heating cap)			kW	2.48	2.59	3.34	
		COPd (declared COP)				3.98	4.28	3.91	
		Power input			kW	0.62	0.61	0.85	
	B Condi- tion (2°C)	Pdh (declared heating cap)			kW	2.48	2.59	3.34	
		COPd (declared COP)				3.98	4.28	3.91	
		Power input			kW	0.62	0.61	0.85	
		C Condi- tion (7°C)	Pdh (declared heating cap)			kW	1.60	1.67	2.15
	COPd (declared COP)				5.13	5.24	4.72		
		Power input			kW	0.31	0.32	0.46	
D Con- dition (12°C)		Pdh (declared heating cap)			kW	1.79	2.03	1.55	
	COPd (declared COP)				6.91	6.41	6.74		
Power consump- tion in other than active mode	Off mode	POFF			W	1			
		Cooling			PSB	W	1		
	Standby mode	Heating			PSB	W	1		
		Thermo- stat-off mode	PTO			Cooling	W	12	14
				Heating	W	13	14		
Cooling	Cdc (Degradation cooling)				0.25				
Heating	Cdh (Degradation heating)				0.25				
Cooling function included					Yes				
Heating function included					Yes				
Average climate included					Yes				
Cold season included					No				
Warm season included					Yes				
Eurovent	Sound power level outdoor	Cooling	Nom.	dBA	61	63	66		
		Cooling	Nom.	dBA	59	60	62		
	Piping length	Cooling	Measuring condition	m	5.00				



Electrical specifications					FTXF20D + RXF20D	FTXF25D + RXF25D	FTXF35D + RXF35D	FTXF42D + RXF42D	FTXF50D + RXF50D	FTXF60D + RXF60D
Power factor	Nominal	Cooling	%						94.60	99.10
									96.30	98.30
Current	Nominal running current (RLA) - 50Hz	Heating	A						7.30	7.20
									20.00	
Current - 50Hz	Maximum fuse amps (MFA)	Cooling	A						6.90	8.10