



Παγκόσμιος Ηγέτης στο **Ιδανικό** Κλίμα.

## Fan Coil Slim



Κεντρικά Γραφεία | Ελ. Βενιζέλου 5  
'Εκθεση | Αριστείδου 40 & Ελ.Βενιζέλου 3  
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## Heat pump convectors - FWXV-ATV3(R)

Indoor unit				FWXV10ATV3(R)	FWXV15ATV3(R)	FWXV20ATV3(R)	
Cooling capacity at 7/12 °C	Min.		kW	0,65	1,30	1,82	
	Med.		kW	1,36	2,16	2,52	
	Max.		kW	1,77	2,89	3,20	
Sensible cooling capacity at 7/12 °C	Min.		kW	0,39	0,99	1,22	
	Med.		kW	0,98	1,53	1,55	
	Max.		kW	1,33	2,10	1,78	
Heating capacity at 35/30 °C	Min.		kW	0,4	0,45	0,93	
	Med.		kW	0,82	1,29	1,66	
	Max.		kW	1,14	1,73	2,15	
Heating capacity at 45/40 °C	Min.		kW	0,95	1,24	1,90	
	Med.		kW	1,63	2,33	3,05	
	Max.		kW	2,18	3,11	3,88	
Power input	Min.		kW	0,004	0,005	0,010	
	Med.		kW	0,011	0,012	0,016	
	Max.		kW	0,020	0,020	0,030	
Fan speed	Min.		m <sup>3</sup> /h	18	180	246	
	Med.		m <sup>3</sup> /h	210	318	410	
	Max.		m <sup>3</sup> /h	294	438	566	
Casing	Colour			RAL 9003			
	Material			Metal sheet			
Dimensions	Unit	Height	mm	601			
		Width	mm	999	1199	1299	
		Depth	mm	135	135	135	
	Packed unit	Height	mm	690			
		Width	mm	1230	1430	1630	
		Depth	mm	210			
Weight	Unit		kg	20	23	26	
	Packed unit		kg	21	24	27	
Packing	Material			Carton			
	Weight		kg	1			
Heat exchanger	Quantity			1	1	1	
	Internal coil volume		l	0,8	1,3	1,46	
Water circuit	Piping connections diameter		inch	3/4" male			
				EUROKONUS			
	Heating - Water pressure drop at 35/30 °C	Min.		kPa	0,3	2,0	1,2
		Med.		kPa	1,5	7,5	4,0
		Max.		kPa	2,4	12,3	8,0
	Heating - Water pressure drop at 45/40 °C	Min.		kPa	1,3	8,6	3,8
		Med.		kPa	4,2	3,3	11,2
		Max.		kPa	7,2	11,5	21,3
	Cooling - Water pressure drop at 7/12 °C	Min.		kPa	1,2	4,3	2,1
		Med.		kPa	2,8	19,3	13,1
		Max.		kPa	2,9	27,0	24,0
	Heating - Water flow rate at 35/30 °C	Min.		kg/h	63,9	73,6	160,2
		Med.		kg/h	141,4	221,1	285,3
		Max.		kg/h	195,2	297,2	369,9
	Heating - Water flow rate at 45/40 °C	Min.		kg/h	163,5	212,5	324,0
		Med.		kg/h	280,3	401,1	524,6
		Max.		kg/h	314,1	534,5	667,5
	Cooling - Water flow rate at 7/12 °C	Min.		kg/h	113,5	223,7	313,0
		Med.		kg/h	254,1	371,7	433,6
		Max.		kg/h	303,6	496,6	550,6
	Pressure	Heating/Max.		bar	10	10	10
	Sound power level	Super silent		dB(A)	29	31	32
Min.			dB(A)	34	35	35	
Max.			dB(A)	55	57	58	
Sound pressure level	Super silent		dB(A)	20	22	23	
	Min.		dB(A)	25	26	26	
	Max.		dB(A)	42	44	45	
Operation range	Heating	Water side	Min.	°C	30		
			Max.	°C	85		
	Cooling	Water side	Min.	°C	5		
			Max.	°C	18		
	Indoor installation	Ambient	Min.	°CDB	0		
			Max.	°CDB	45		
Control systems	Infrared remote control			no			
	On-board control			yes			
Electrical specifications				FWXV10ATV3(R)	FWXV15ATV3(R)	FWXV20ATV3(R)	
Power supply	Phase			1			
	Frequency		Hz	50			
	Voltage		V	230			
Electrical power consumption	Max.		W	19	20	29	
	Standby		W	3	4	5	
Current	Maximum running current		A	0,16	0,16	0,26	

### ΚΛΙΜΑΜΗΧΑΝΙΚΗ Α.Ε

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## Heat pump convectors - FWXM-ATV3(R)

Indoor unit				FWXM10ATV3(R)	FWXM15ATV3(R)	FWXM20ATV3(R)	
Cooling capacity at 7/12 °C	Min.		kW	0,75	1,15	1,32	
	Med.		kW	1,36	2,08	2,39	
	Max.		kW	2,12	2,81	3,30	
Sensible cooling capacity at 7/12 °C	Min.		kW	0,59	0,83	1,02	
	Med.		kW	1,07	1,51	1,84	
	Max.		kW	1,72	2,11	2,71	
Heating capacity at 35/30 °C	Min.		kW	0,41	0,45	0,93	
	Med.		kW	0,82	1,29	1,66	
	Max.		kW	1,14	1,73	2,15	
Heating capacity at 45/40 °C	Min.		kW	0,82	1,20	1,47	
	Med.		kW	1,53	2,16	2,59	
	Max.		kW	2,21	3,02	3,81	
Power input	Min.		kW	0,004	0,005	0,006	
	Med.		kW	0,008	0,011	0,011	
	Max.		kW	0,019	0,020	0,029	
Fan speed	Min.		m <sup>3</sup> /h	118	180	246	
	Med.		m <sup>3</sup> /h	210	318	410	
	Max.		m <sup>3</sup> /h	294	438	566	
Casing	Material			No casing			
Dimensions	Unit	Height	mm	576			
		Width	mm	725	925	1125	
		Depth	mm	126	126	126	
	Packed unit	Height	mm	690			
		Width	mm	830	1030	1230	
		Depth	mm	210			
Weight	Unit		kg	12	15	18	
	Packed unit		kg	13	16	19	
Packing	Material			Carton			
	Weight			kg			
Heat exchanger	Quantity			1			
	Internal coil volume			l	0,8	1,13	1,46
Water circuit	Max Operating pressure			bar			
	Piping connections diameter			inch			
	Piping material			3/4" male EUROKONUS			
	Heating - Water pressure drop at 35/30 °C	Min.		kPa	0,3	2,0	1,2
		Med.		kPa	1,3	7,5	4,0
		Max.		kPa	2,4	12,3	8,0
	Heating - Water pressure drop at 45/40 °C	Min.		kPa	1,3	8,6	3,8
		Med.		kPa	4,2	3,3	1,2
		Max.		kPa	7,2	11,5	21,3
	Cooling - Water pressure drop at 7/12 °C	Min.		kPa	1,2	4,3	2,1
		Med.		kPa	2,8	19,3	13,1
		Max.		kPa	2,9	27,0	24,0
	Heating - Water flow rate at 35/30 °C	Min.		kg/h	69,9	73,6	160,2
		Med.		kg/h	141,4	221,1	285,3
		Max.		kg/h	195,2	297,2	369,9
	Heating - Water flow rate at 45/40 °C	Min.		kg/h	163,5	212,5	327,0
		Med.		kg/h	280,3	401,1	524,6
		Max.		kg/h	374,1	534,5	667,5
	Cooling - Water flow rate at 7/12 °C	Min.		kg/h	135,5	223,7	313,0
		Med.		kg/h	234,1	371,7	433,6
Max.			kg/h	303,6	496,6	550,6	
Sound power level	Pressure Heating/Max.			bar			
	Super silent			dB(A)			
	Min.		dB(A)	29	31	32	
	Max.		dB(A)	35	35	36	
Sound pressure level	Super silent			dB(A)			
	Min.		dB(A)	20	22	23	
	Max.		dB(A)	25	26	26	
Operation range	Heating	Water side	Min.	°C	30		
			Max.	°C.	85		
	Cooling	Water side	Min.	°C.	5		
			Max.	°C	18		
	Indoor installation	Ambient	Min.	°CDB	0		
			Max.	°CDB	45		
Control systems	Infrared remote control			no			
	On-board control			no			
Electrical specifications				FWXM10ATV3(R)	FWXM15ATV3(R)	FWXM20ATV3(R)	
Power supply	Phase			1			
	Frequency			Hz			
	Voltage			V			
Electrical power consumption	Max.			19	20	29	
	Standby			3	4	5	
Current	Maximum running current			0,16	0,16	0,26	

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## Heat pump convectors - FWXT-ATV3(C)(CL)

Indoor unit				FWXT10ATV3(C)(CL)	FWXT15ATV3(C)(CL)	FWXT20ATV3(C)(CL)	
Cooling capacity at 7/12 °C	Min.		kW	0,53	0,65	0,74	
	Med.		kW	0,98	1,20	1,35	
	Max.		kW	1,21	1,62	2,12	
Sensible cooling capacity at 7/12 °C	Min.		kW	0,13	0,15	0,36	
	Med.		kW	0,40	0,55	0,70	
	Max.		kW	1,01	1,44	1,99	
Heating capacity at 35/30 °C	Min.		kW	0,29	0,23	0,47	
	Med.		kW	0,48	0,69	1,08	
	Max.		kW	0,66	1,00	1,44	
Heating capacity at 45/40 °C	Min.		kW	0,61	0,85	1,08	
	Med.		kW	1,12	1,51	1,95	
	Max.		kW	1,51	2,03	2,62	
Power input	Min.		kW	0,004	0,005	0,006	
	Max.		kW	0,019	0,020	0,029	
Fan speed	Min.		m <sup>3</sup> /h	84	124	138	
	Med.		m <sup>3</sup> /h	155	229	283	
	Max.		m <sup>3</sup> /h	228	331	440	
Casing	Colour	RAL 9003					
	Material	Metal sheet					
Dimensions	Unit	Height	mm	335			
		Width	mm	902	1100	1300	
		Depth	mm	128			
	Packed unit	Height	mm	490			
		Width	mm	1030	1230	1430	
		Depth	mm	210			
Weight	Unit		kg	14	16	19	
	Packed unit		kg	15	17	20	
Packing	Material	Carton					
	Weight		kg	1			
Heat exchanger	Quantity	1					
	Internal coil volume		l	0,54	0,74	0,93	
Water circuit	Piping connections diameter		inch	3/4" male			
		Piping material		EUROKONUS			
	Heating - Water pressure drop at 35/30 °C	Min.		kPa	0,2	1,9	0,3
		Med.		kPa	0,9	2,9	1,4
		Max.		kPa	1,6	3,3	2,3
	Heating - Water pressure drop at 45/40 °C	Min.		kPa	1,1	2,8	1,1
		Med.		kPa	3,1	3,5	4,1
		Max.		kPa	5,4	4,0	6,6
	Cooling - Water pressure drop at 7/12 °C	Min.		kPa	1,1	3,9	1,3
		Med.		kPa	3,0	4,8	4,2
		Max.		kPa	5,2	5,7	6,9
	Heating - Water flow rate at 35/30 °C	Min.		kg/h	39,3	39,0	80,8
		Med.		kg/h	81,8	119,1	185,1
		Max.		kg/h	114,0	172,4	247,8
	Heating - Water flow rate at 45/40 °C	Min.		kg/h	91,9	112,6	164,8
		Med.		kg/h	162,0	216,6	341,0
		Max.		kg/h	218,4	310,0	447,2
	Cooling - Water flow rate at 7/12 °C	Min.		kg/h	82,1	98,9	156,5
		Med.		kg/h	138,1	177,4	300,6
		Max.		kg/h	184,4	283,0	396,8
Pressure	Heating/Max.		bar	10	10	10	
Sound power level	Min.		dBA	35	36	36	
	Max.		dBA	53	54	55	
Sound pressure level	Min.		dBA	25	25	26	
	Max.		dBA	40	42	43	
Operation range	Heating	Water side	Min.	°C	30		
			Max.	°C	85		
	Cooling	Water side	Min.	°C	5		
			Max.	°C	18		
	Indoor installation	Ambient	Min.	°CDB	0		
			Max.	°CDB	45		
Electrical specifications				FWXT10ATV3(C)(CL)	FWXT15ATV3(C)(CL)	FWXT20ATV3(C)(CL)	
Power supply	Phase	1					
	Frequency		Hz	50			
	Voltage		V	230			
Electrical power consumption	Max.		W	176	19,8	26,5	
	Standby		W	5	5	5,8	
Current	Maximum running current		A	0,16			

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