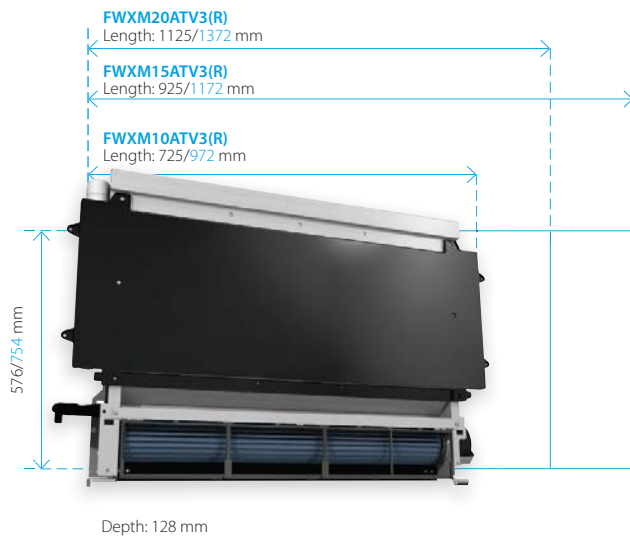


Concealed model



Slim design

Blue dimensions are for the front cover.



Controls

EKWHCTRL1



- > Wall controller
- > Fully modulating
- > In combination with EKWHCTRL0



Flexible installation

Daikin Altherma HPC can be installed in 4 different ways, allowing you to install it in almost all conditions. The unit can be positioned horizontally or vertically. For horizontal, in ceiling installation, 3 different possibilities are offered:

- > Horizontal cover panel and vertical grill for air outlet
- > Horizontal intake grill and vertical grill for air outlet
- > Horizontal in and out grills for air outlet



Indoor unit				FWXV/M10ATV3	FWXV/M15ATV3	FWXV/M20ATV3
Cooling capacity at 7/12°C	Min.		kW	0,66	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	0,41	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	0,95	1,26	1,90
	Med.		kW	1,63	2,33	3,05
	Max.		kW	2,18	3,11	3,88
Power input	Min.		kW	0,003	0,004	0,005
	Med.		kW	0,018	0,020	0,027
	Max.		kW	0,018	0,020	0,027
Fan speed	Min.		m³/h	118	180	246
	Med.		m³/h	210	318	410
	Max.		m³/h	294	438	566
Casing	Colour	RAL 9003				
	Material	Metal sheet				
Dimensions	Unit	Height	mm	601		
		Width	mm	999	1199	1399
		Depth	mm	135	135	135
	Packed unit	Height	mm	690		
		Width	mm	1230	1430	1630
		Depth	mm	210		
Weight	Unit		kg	20/12	23/15	2618
	Packed unit		kg	21/13	24/16	2719
Packing	Material	Carton				
	Weight	kg				
Heat exchanger	Quantity	1				
	Internal coil volume		l	0,8	1,13	1,46
		Max Operating pressure		bar	10	
Water circuit	Piping connections diameter		inch	3/4" male		
	Piping material			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	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	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	113,5	223,7	313,0
		Med.	kg/h	234,1	371,7	433,6
		Max.	kg/h	303,6	496,6	550,6
Pressure	Heating/Max.		bar	10	10	10
			bar	10	10	10
Sound power level	Super silent		dB(A)	29	31	32
	Min.		dB(A)	34	35	35
	Max.		dB(A)	51	53	55
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	20	
	Indoor installation	Ambient	Min.	°CDB	0	
			Max.	°CDB	45	
Control systems	Infrared remote control			no		
	On board control			yes		
	Wired remote control			yes		
Electrical specifications				FWXV10ATV3	FWXV15ATV3	FWXV20ATV3
Power supply	Phase			1		
	Frequency		Hz	50		
	Voltage		V	230		
Electrical power consumption	Max.		W	21	22	32
	Standby		W	3	4	5
Current	Maximum running current		A	0,18	0,19	0,28

FWXV10ATV3(R)	FWXM10ATV3(R)	FWXM15ATV3(R)	FWXM20ATV3(R)	FWXT10ATV3
FWXV15ATV3(R)				FWXT15ATV3
FWXV20ATV3(R)				FWXT20ATV3
DC Inverter fan coil unit with sheet metal cabinet (white colour)	Built in DC Inverter fancoil for horizontal and vertical			High Wall fancoil

Material name	Description	Picture					
EKRTCTRL1	On board electronic control SMART TOUCH with PID full modulating fan and thermostat		Opt				
EKRTCTRL2	On board electronic control SMART TOUCH 4 speeds with thermostat		Opt				
EKPCBO	On board 4 speeds control switch to be combine with Daikin combinable thermostats		Opt				
EKWHCTRL0	On board controller for EKWHCTRL1		Opt	Opt	Opt	Opt	
EKWHCTRL1	SMART LCD wall controller with temperature probe, white casing		Opt	Opt	Opt	Opt	Opt
EKFA	Aestetical feet		Opt				
EK2VK0	Motorized 2-way valve (FWXV/M)		Opt	Opt	Opt	Opt	
EKT2VK0	Motorized 2-way valve (FWXT)						Opt
EK3VK1	Motorized 3-way valve (FWXV/M)		Opt	Opt	Opt	Opt	
EKT3VK1	Motorized 3-way valve (FWXT)						Opt
EKEUR90	L-bow 90°C		Opt	Opt	Opt	Opt	
EKDIST	Extension piece		Opt	Opt	Opt	Opt	
EKM10COH	Condensate collector tray for horizontal installation		FWXV10ATV3(R)				
EKM15COH			FWXV15ATV3(R)				
EKM20COH			FWXV20ATV3(R)				
EKM10CS	Metal casing			Opt			
EKM15CS				Opt			
EKM20CS					Opt		
EKM10CH	Front cover for ceiling installation			Opt			
EKM15CH					Opt		
EKM20CH						Opt	
EKM10CV	Front cover for wall installation			Opt			
EKM15CV					Opt		
EKM20CV						Opt	
EKM10DH	Air intake fitting			Opt			
EKM15DH					Opt		
EKM20DH						Opt	
EKM10D90	90°C exhaust bend (Horizontal)			Opt			
EKM15D90					Opt		
EKM20D90						Opt	
EKM10DT	Telescopic air flow duct			Opt			
EKM15DT					Opt		
EKM20DT						Opt	
EKM10IS	Aluminum air intake grill with straight airflow			Opt			
EKM15IS					Opt		
EKM20IS						Opt	
EKM10SV	Straight airflow vent			Opt			
EKM15SV					Opt		
EKM20SV						Opt	
EKM10IC	Aluminum air intake grill with curved airflow			Opt			
EKM15IC					Opt		
EKM20IC						Opt	
EKM10CA	Aluminum air outlet grill with curved airflow			Opt			
EKM15CA					Opt		
EKM20CA						Opt	



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