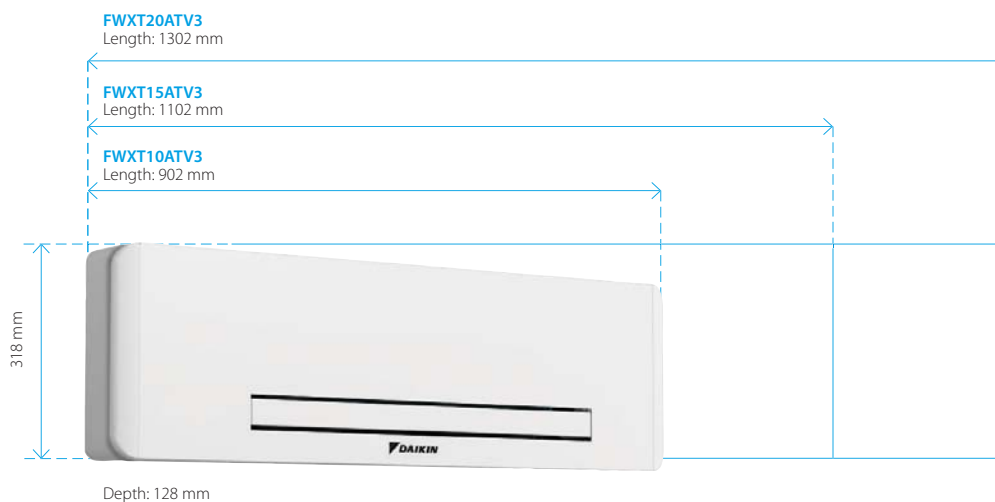


# Wall mounted model

## Slim design

Daikin Altherma HPC is a compact unit made of a design metal casing including all valves. Its wall hung application saves space on the floor for furnitures and decoration.



## Controls

Choice of:

- Fully modulating controller allowing remote control of the unit.
- Infrared remote controller and on-board touch panel.

### EKWHCTRL1

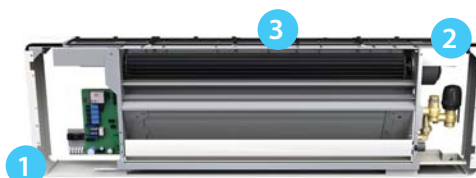


- > Wall controller
- > Fully modulating

### Infrared remote controller



## Compactness



- 1 SLIM DEPTH**  
Depth of 129 mm is an outstanding technical achievement that ensures the best fitting into any residential dwelling.
- 2 MORE SPACE FOR VALVES**  
A special attention to the easiness of installation: the space for hydraulic valves is wide and easy accessible.

- 3 MODULATED AIRFLOW**  
When there is less heating demand, the unit modulates its airflow to slow down the fan rate, and in the process, lowers the operational sound. A standard ON/OFF fan running simultaneously at full speed can increase sound pressure.

Indoor unit				FWXT10ATV3	FWXT15ATV3	FWXT20ATV3
Cooling capacity at 7/12°C	Min.		kW	0,48	0,58	0,91
	Med.		kW	0,80	1,03	1,75
	Max.		kW	1,07	1,65	2,31
Sensible cooling capacity at 7/12°C	Min.		kW	0,39	0,49	0,76
	Med.		kW	0,69	0,91	1,53
	Max.		kW	0,95	1,49	1,94
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	0,53	0,66	0,96
	Med.		kW	0,94	1,26	0,198
	Max.		kW	1,27	1,80	2,60
Power input	Min.		kW	0	0,01	0,01
	Max.		kW	0,01	0,01	0,02
Fan speed	Min.		m³/h	84	124	138
	Med.		m³/h	155	229	283
	Max.		m³/h	228	331	440
Casing	Colour	RAL 9003 (FWXV-ATV3)				
	Material	Metal sheet (FWXV-ATV3) / No casing (FWXM-ATV3)				
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	0,5	0,7	0,9
		Max Operating pressure	bar	10		
Water circuit	Piping connections diameter	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	119,4	185,4
		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.	dB(A)	34	34	35	
	Max.	dB(A)	49	51	52	
Sound pressure level	Min.	dB(A)	25	25	26	
	Max.	dB(A)	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	FWXT15ATV3	FWXT20ATV3
Power supply	Phase	1				
	Frequency	Hz				
	Voltage	V				
Electrical power consumption	Max.	W	18	20	27	
	Standby	W	5	5	6	
Current	Maximum running current	A	0,2			

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	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	

Daikin Europe N.V. Naamloze Vennootschap Zandvoordestraat 300 · 8400 Oostende · Belgium · www.daikin.eu · BE 0412 120 336 · RPR Oostende (Publisher)



ECPEN20-793 11/19



The present publication is drawn up by way of information only and does not constitute an offer binding upon Daikin Europe N.V. Daikin Europe N.V. has compiled the content of this publication to the best of its knowledge. No express or implied warranty is given for the completeness, accuracy, reliability or fitness for particular purpose of its content and the products and services presented therein. Specifications are subject to change without prior notice. Daikin Europe N.V. explicitly rejects any liability for any direct or indirect damage, in the broadest sense, arising from or related to the use and/or interpretation of this publication. All content is copyrighted by Daikin Europe N.V.

Printed on non-chlorinated paper.