



pravaklíma



Toplotna črpalka

Therma V Split



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Ta ločena izvedba toplotne črpalke zrak-voda brez bojlerja je visoko učinkovito rešitev za ogrevanje, zasnovana za stanovanjske novogradnje in prenove doma.



 Ogrevanje prostorov

 Ogrevanje sanitarne vode

 Inverter tehnologija

 Hladilno sredstvo

Učinkovita inverterska tehnologija

Inverterska tehnologija vam ogrevanje omogoča vse do zunanje temperature do -20 °C in visok izkoristek energije s sestavnimi deli kot so črpalka za vodo, izmenjevalec toplote in elektromotor ventilatorja.

Poudarek na trajnosti in okolju

Na energetske varčen in okolju prijazen način ta toplotna črpalka zagotavlja doseganje energetske učinkovitosti in prijeten občutek v vašem domu.

Priročna za montažo in servis



Technical Specification			Unit	HU121MA U33	HU141MA U33	HU161MA U33	HU123MA U33	HU143MA U33	HU163MA U33
Operation Range (outdoor temp.)	Heating	Min. ~ Max.	°C DB	-25 - 35					
	Cooling								
Compressor	Quantity	EA		1					
	Type	-		Hermetic Sealed Scroll					
Refrigerant	Type	-		R410A					
	GWP (global warming potential)	-		2,088					
	Precharged Amount	g		2,500					
	t-CO ₂ eq	-		5.219					
Piping Connections	Outside Diameter	Gas	mm (inch)	Ø 15.88 (5/8)					
		Liquid	mm (inch)	Ø 9.52 (3/8)					
	Length	Standard	m	7.5					
		Max.	m	50					
	Level Difference	Max.	m	30					
	Chargeless-Pipe Length	m		7.5					
Additional Charging Volume	g/m		40						
Rated Water Flow Rate (at LWT 35°C)	LPM		34.5	40.3	46.0	34.5	40.3	46.0	
Sound Power Level	Heating	Rated	dB(A)	63	64	65	63	64	65
Sound Pressure Level (at 1m)	Heating	Rated	dB(A)	55	56	57	55	56	57
Dimensions	Unit	W x H x D	mm	950 x 1,380 x 330					
Weight	Unit	kg		84.8			85.4		
Exterior	Color / RAL Code		-	Warm Gray / RAL 7044					
Power Supply	Voltage, Phase, Frequency		V, Ø, Hz	220-240, 1, 50			380-415, 3, 50		
	Rated Running Current	Heating	A	11.5	13.8	16.3	6.6	8.0	9.4
		Cooling	A	11.3	13.4	15.7	6.5	7.7	9.0
	Recommended Circuit Breaker		A	40			20		
Wiring Connections	Power Supply Cable (included earth, H07RN-F)		mm ² x cores	6.0 x 3C			2.5 x 5C		

Description			Outdoor Unit	HU121MA U33 (1Ø)	HU141MA U33 (1Ø)	HU161MA U33 (1Ø)
				HU123MA U33 (3Ø)	HU143MA U33 (3Ø)	HU163MA U33 (3Ø)
			Indoor Unit	HN1616M NK5 (1Ø)		
				HN1636M NK5 (3Ø)		
Space Heating (according to EN14825)	Average Climate Water Outlet 35°C	SCOP	-	4.65	4.61	4.56
		Seasonal Space Heating Efficiency (η _s)	%	183	182	179
		Seasonal Space Heating Eff. Class (A+++ to D scale)	-	A+++	A+++	A+++
	Average Climate Water Outlet 55°C	SCOP	-	3.36	3.37	3.32
		Seasonal Space Heating Efficiency (η _s)	%	131	132	130
		Seasonal Space Heating Eff. Class (A+++ to D scale)	-	A++	A++	A++

Technical Specification			Unit	HN1616M NK5	HN1636M NK5
Operation Range (leaving water)	Heating	Min. - Max.	°C DB	15 - 57	
	Cooling			5 - 27 (16 - 27) ¹⁾	
	DHW			15 - 80 ²⁾	
Flow Sensor	Measuring Range	Min. - Max.	LPM	5 - 80	
Water Pressure Sensor	Measuring Range	Min. - Max.	bar(G)	0 - 20	
Expansion Vessel	Volume		ℓ	8	
Safety Valve	Pressure Limit	Upper Limit	bar	3	
Backup Heater	Type		-	Sheath	Sheath
	Number of Heating Coil		EA	2	3
	Capacity Combination		kW	3.0 + 3.0	2.0 + 2.0 + 2.0
	Heating Steps		Step	2	2
	Power Supply		V, Ø, Hz	220-240, 1, 50	380-415, 3, 50
	Rated Running Current		A	25.0	8.7
	Power Supply Cable (included earth, H07RN-F)		mm ² x cores	4.0 x 3C	2.5 x 4C
Piping Connections	Water Circuit	Inlet	Inch	Male PT 1" according to ISO 7-1 (tapered pipe threads)	
		Outlet	Inch	Male PT 1" according to ISO 7-1 (tapered pipe threads)	
	Refrigerant Circuit	Gas (outside diameter)	mm (Inch)	Ø 15.88 (5/8)	
		Liquid (outside diameter)	mm (Inch)	Ø 9.52 (3/8)	
Wiring Connections	Power and Communication Cable (included earth, H07RN-F)		mm ² x cores	0.75 x 4C	
Sound Power Level	Heating	Rated	dB(A)	44	
Dimensions	Unit	W x H x D	mm	490 x 850 x 315	
Weight	Unit		kg	40.0	41.0
Exterior	Color / RAL Code		-	Noble White / RAL 9016	

Description		OAT (DB)	LWT (DB)	Outdoor Unit	HU121MA U33 (1Ø)	HU141MA U33 (1Ø)	HU161MA U33 (1Ø)
				Indoor Unit	HU123MA U33 (3Ø)	HU143MA U33 (3Ø)	HU163MA U33 (3Ø)
					HN1616M NK5 (1Ø)		
				HN1636M NK5 (3Ø)			
Nominal Capacity	Heating	7°C	35°C	kW	12.00	14.00	16.00
		7°C	55°C		11.00	11.50	12.00
		2°C	35°C		11.00	12.00	13.80
	Cooling	35°C	18°C		10.40	12.00	13.00
		35°C	7°C		7.94	8.50	8.92
Nominal Power Input	Heating	7°C	35°C	kW	2.64	3.17	3.76
		7°C	55°C		4.31	4.51	4.71
		2°C	35°C		3.04	3.32	3.83
	Cooling	35°C	18°C		2.60	3.08	3.60
		35°C	7°C		2.66	3.02	2.53
		7°C	35°C		4.55	4.41	4.26
COP	Heating	7°C	55°C	W/W	2.55	2.55	2.55
		2°C	35°C		3.62	3.61	3.60
		35°C	18°C		4.00	3.90	3.61
EER	Cooling	35°C	7°C	W/W	2.98	2.81	3.53

Povzeto po katalogih LG.

Pridržujemo si pravico do spremembe podatkov v primeru tiskarske napake.

**Z vami od
leta 2015.**

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