

Technical Data

NØRDIS Optimus Pro Split without DHW Tank



Indoor Units without DHW Tank			HOP60WIDU	HOP100WIDU		HOP100WIDU3		HOP160WIDU3	
Compatible Outdoor Models			HOP6WODU	HOP8WODU	HOP10WODU	HOP8WODU	HOP10WODU	HOP12WODU3	HOP16WODU3
Built-in Electric Heater		kW	3			9 (3+3+3) ⁸			
Power Supply		V/Ph/Hz	220-240/1/50			380-415/3/50			
Rated Power		W	3095			9095			
Nominal Current		A	13,5			13,3			
Power Cable		mm2	3x2,5			5x2,5			
Communication Cable, AWG18 Shielded		mm2	2x0,75						
Automatic Switch		A	C16			C16~3			
Sound Power Level		dB (A)	38	42			43		
Sound Pressure (1 m)		dB (A)	28	30			32		
Dimension (W x H x D)		mm	420x790x270						
Dimension of Package (W x H x D)		mm	525x1050x360						
Circulation Pump	Type		DC, Electronic						
	Maximum Lifting Height	m	9						
	Power	W	5~90						
Minimum Water Flow		m3/h	0,36			0,6			
Operating Limits for Water Flow		m3/h	0,4 ~ 1,25	0,4 ~ 2,1			0,7 ~ 3,0		
Heat Exchanger			Plate						
Expansion Tank		l	8						
Refrigerant Pipes	Liquid Phase	mm (Inch)	6,35 (1/4")	9,52 (3/8")					
	Gas Phase	mm (Inch)	15,88 (5/8")						
Water Pipe Connection			R1"						
Net / Gross weight		kg	43 / 49				45 / 51		
Supply Water Temperature	Heating	°C	+25 ~ + 65						
	Cooling	°C	+ 5 ~ + 25						
	DHW	°C	+ 20 ~ + 60						
Ambient Temperature		°C	0 ~ +35						
Water Pressure in the Heating/Cooling System		bar	1 ~ 3						

¹ Air temperature +7°C, 85% RH, water temperature +30/35°C.

² Air temperature +7°C, 85% RH, water temperature +40/45°C.

³ Air temperature +7°C, 85% RH, water temperature +47/55°C.

⁴ Air temperature +35°C, water temperature +23/18°C.

⁵ Air temperature +35°C, water temperature +12/7°C.

⁶ Defined under moderate climate zone conditions.

⁷ Tested according to the EN12102-1 standard.

⁸ If a three-phase 9kW electric heater is installed, 3kW and 6kW power levels can be selected accordingly by switching DIP micro-switches on the board.

⁹ Air temperature -7°C, 85% RH, water temperature +30/35°C.

¹⁰ In the MONO unit, the maximum 60°C hot water temperature is achieved only with an additional electric heater.

¹¹ The nominal power is specified including the built-in electric heater.