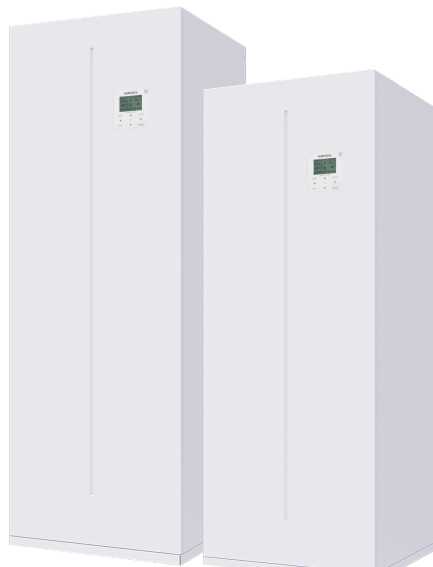


Technical Data

NORDIS Optimus Pro Split with DHW Tank



Indoor Units with DHW Tank			HOP100/190IDU			HOP100/190IDU3			HOP160/240IDU3		
Compatible Outdoor Models			HOP6W ODU	HOP8W ODU	HOP10W ODU	HOP6W ODU	HOP8W ODU	HOP10W ODU	HOP12W ODU3	HOP16W ODU3	
Efficiency Class for Hot Water Production (Temperate Climate Zone)			Class	A+							
			COP	3,10	3,02		3,10	3,02		3,00	
Water Tank Capacity	Capacity	l	190						240		
	Material		Stainless Steel, SUS 316L								
	Max Water Temperature	°C	70								
	Isolation		Polyurethane								
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				
Rated Current			A	13,5			13,5				
Power Cable			mm2	3x2,5			5x2,5				
Communication Cable, AWG18 Shielded			mm2	2x0,75							
Automatic Switch			A	C16			C16-3				
Sound Power Level 7			dB	38	40		38	40		44	
Dimension (W x H x D)			mm	600x1683x600						600x1943x600	
Dimension of Package (W x H x D)			mm	730x1920x730						730x2182x730	
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		0,4 ~ 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")		6,35 (1/4")	9,52 (3/8")				
	Gas Phase	mm (Inch)	15,88 (5/8")								
Water Pipe Connection	Heating/Cooling		R1"								
	Hot Water Preparation		R3/4"								
Net / Gross Weight			kg	140 / 161						159 / 180	
Supply Water Temperature	Heating	°C	+25 ~ +65								
	Cooling	°C	+5 ~ +25								
	DHW	°C	+30 ~ +60								
Ambient Temperature			°C	+5 ~ +35							
Water Pressure in the Heating/Cooling System			bar	1 ~ 2,5							
Water Pressure in the Hot Water System (Cold Water)			bar	1,5 ~ 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.