

# HIGH TEMPERATURE

HN1610H.NK2  
HU161H.U32



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HIGH TEMP. SLIT (OUTDOOR UNIT)		Capacity Reference	16kW 1Ø HU161H.U32
Nominal Capacity	Heating (A7 / W65)	kW	16.00
	Heating (A2 / W65)	kW	14.60
	Heating (A-2 / W65)	kW	15.70
	Heating (A-7 / W65)	kW	15.10
Nominal Power Input	Heating (A7 / W35)	kW	16.00
	Heating (A7 / W65)	kW	6.13
	Heating (A2 / W65)	kW	6.81
	Heating (A-2 / W65)	kW	6.96
	Heating (A-7 / W65)	kW	7.20
	Heating (A7 / W35)	kW	4.70
	Heating (A7 / W65)	kW	2.61
COP	Heating (A2 / W65)		2.14
	Heating (A-2 / W65)		2.25
	Heating (A-7 / W65)		2.09
	Heating (A7 / W35)		3.40
Dimension	W x H x D	mm	950 x 1,380 x 330
Weight		Kg	105
Sound Power Level (Heating)		dB (A)	68
Outdoor Air Operation Range	Heating	°C DB	-15 - 35
Refrigerant (R410a)	Pipe Diameter (Liquid)	mm (inch)	9.52 (3/8)
	Pipe Diameter (Gas)	mm (inch)	15.88 (5/8)
	Pre-Charged Amount	kg	3.5
		TCO <sub>2</sub> eq	7.3
	GWP		2,087.5
	Chargeless Pipe Length	m	10
Ref. Pipe Length	Additional Charging Volume	G/m	60
	Minimum	m	5
	Standard	m	7.5
Power Supply	Maximum	m	50
		P / V / Hz	1 / 220-240 / 50
Recommended Fuse		A	25

\* This product contains fluorinated greenhouse gases. (R410A)  
\* All specification is based on EN14511 and EN14825

HIGH TEMP. SLIT (INDOOR UNIT)		Capacity Reference	16kW 1Ø HN1610H.NK2
Dimension	W x H x D	mm	520 x 1,080 x 330
Weight		kg	94
Sound Power Level (Heating)		dB (A)	57
Nominal Power Input	Heating	kW	6.13
Leaving Water Temp. Range	Heating	°C	25 - 80
Water Flowrate Limit		LPM	Min.15
Refrigerant (R134a)	Pipe Diameter (Liquid)	mm (inch)	9.52 (3/8)
	Pipe Diameter (Gas)	mm (inch)	15.88 (5/8)
	Pre-Charged Amount	kg	2.3
		TCO <sub>2</sub> eq	3.3
Water Pipe Connection	GWP		1430
	Inlet	mm (inch)	Male PT 25 (1)
Draining Pipe Connection	Outlet	mm (inch)	Male PT 25 (1)
		mm (inch)	Male PT 25 (1)
Power Supply		P / V / Hz	1 / 220-240 / 50
Recommended Fuse		A	25
Seasonal space heating energy efficiency class (A++ to G Scale)	35°C / 55°C		A / A+
Seasonal space heating energy efficiency (average)	35°C / 55°C	%	115 / 113
Rated heat output (average)	35°C / 55°C	kW	13 / 11
Annual energy consumption (average)	35°C / 55°C	kWh	9,395 / 7,642

# DOMESTIC HOT WATER TANK

OSHW-200F  
OSHW-300F  
OSHW-500F  
OSHW-300FD



## Domestic Hot Water Tank – Double Coil

DOMESTIC HOT WATER TANK		OSHW-200F	OSHW-300F	OSHW-500F	OSHW-300FD
General Characteristics	Water Volume	L	200	300	500
	Diameter	mm	640	640	810
	Height	mm	1,350	1,850	1,900
	Empty Weight	kg	61	100	146
Characteristics of Electrical Back-up	Tank Materials		F18 S.STEEL	F18 S.STEEL	F18 S.STEEL
	Color		Grey	Grey	Grey
	Additional Electric Heater	W	2,400	2,400	2,400
	Power supply electric heater	Ø / V / Hz	230W / 50 / 60Hz	230W / 50 / 60Hz	230W / 50 / 60Hz
Characteristics of Exchanger	Adjustable Thermostat	°C	0-90	0-90	0-90
	Exchanger Type		Internal Single Coil	Internal Single Coil	Internal Single Coil
	Material Exchanger		F18 S.STEEL	F18 S.STEEL	F18 S.STEEL
	Maximum Water Temperature	°C	90	90	90
Hydraulic Connections – Heat Pump	Coil Surface	mm	2.3	3.1	4.8
	Inlet	mm	1"	1"	1 1/4"
Hydraulic connections – Domestic Hot Water Tank	Outlet	mm	1"	1"	1 1/4"
	Domestic hot water inlet	mm	3/4"	3/4"	1"
Energy Efficiency Class	Domestic hot water outlet	mm	3/4"	1"	1"
			B	B	B
Standing Heat loss	W	61	70	83	
Number of Coil		Single	Single	Single	
<b>MANDATORY OPTIONAL ACCESSORIES</b>					
Domestic Hot Water Tank Installation Kit		PHLTA	PHLTA	PHLTA	PHLTA
<b>OPTIONAL ACCESSORIES</b>					
Mixing Valve		OSHA-MV	OSHA-MV	OSHA-MV	OSHA-MV
3-Way Valve		OSHA-3V	OSHA-3V	OSHA-3V	OSHA-3V