

EHS Specification - TDM, Mono, Split

FLUX PRO



DHW Tank

- DHW Tank supplies sanitary hot water and is compatible with Solar Panel (Solar type tank only)

Model	Standard					
	NH200WH-XEA	NH300WH-XEA	NH200WH-XES	NH300WH-XES		
Pressure Vessel	Material Quality	AISI 444/DIN 1.4521	AISI 444/DIN 1.4521	AISI 444/DIN 1.4521	AISI 444/DIN 1.4521	
	Volume Capacity	198	287	198	287	
Power Supply	Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	
	Capacity	2.6	2.6	2.6	2.6	
Electric Element	Material	Incoloy 825	Incoloy 825	Incoloy 825	Incoloy 825	
	Thermostat #1 (Auto)	°C	-	-	-	
	Thermostat #2 (Manual)	°C	-	-	-	
Heating Coil	Material Quality	Duplex LDX 2101	Duplex LDX 2101	Duplex LDX 2101	Duplex LDX 2101	
	Heating Area	m ²	0.71	0.71	0.71	
Heating Coil for Solar	Material Quality	-	-	Duplex LDX 2101	Duplex LDX 2101	
	Heating Area	m ²	-	0.47	0.47	
Insulation	Material Quality	Polyurethane form	Polyurethane form	Polyurethane form	Polyurethane form	
	Thickness	mm	40	40	40	
Insulation Jacket	Material Quality	Epoxy-Coated Mild Steel-White	Epoxy-Coated Mild Steel-White	Epoxy-Coated Mild Steel-White	Epoxy-Coated Mild Steel-White	
Dimensions Overall	Diameter	mm	585	585	585	
	Height	mm	1,130	1,580	1,130	1,580
Connections	Cold Water Inlet	inch	3/4 (FBSP)	3/4 (FBSP)	3/4 (FBSP)	3/4 (FBSP)
	Hot Water Outlet	inch	3/4 (FBSP)	3/4 (FBSP)	3/4 (FBSP)	3/4 (FBSP)
	Recirculation	mm	Ø22mm Straight tube (for compression fitting)	Ø22mm Straight tube (for compression fitting)	Ø22mm Straight tube (for compression fitting)	Ø22mm Straight tube (for compression fitting)
	Flow & Return	mm	3/4 (Female)	3/4 (Female)	3/4 (Female)	3/4 (Female)
Weight	Sensor Pocket(s)	mm	Ø8mm Inside, 1/2" Thread	Ø8mm Inside, 1/2" Thread	Ø8mm Inside, 1/2" Thread	Ø8mm Inside, 1/2" Thread
	Net	kg	-	-	-	-
Max. Water Temperature	Gross	kg	47	61	51	65
	°C	°C	70	70	70	70
Pre-plumbed parts	Water Pump	-	-	-	-	
	2way valve	-	-	-	-	
	Temp. & Pressure Relief Valve	-	-	-	-	
	Pressure Reducing Valve	bar	-	-	-	
	Relief Pressure	bar	-	-	-	
Packaged part	Strainer	mesh	-	-	-	
	Flow Switch	-	-	-	-	
Room thermostat & receiver	Wireless Room Thermostat	-	-	-	-	
	RF Receiver for Thermostat	-	-	-	-	
Timer controller	-	-	-	-		
Other	Packaging	-	Eco Foam-PUF	Eco Foam-PUF	Eco Foam-PUF	
	Adjustable Legs	pcs	3	3	3	

EHS Specification - TDM (A2W & A2A)



Neo Forte

- Clean-cut Front Panel
- Silver Accent Line
- Bottom Opening Front Panel



Model		NH022NH-XEA	NH028NH-XEA	NH036NH-XEA	NH056NH-XEA	NH071NH-XEA		
Power Supply	Φ, #, V, Hz	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50	1, 2, 220-240, 50		
		W	2,200	2,800	3,600	5,600	6,800	
Performance	Nominal Capacity	Cooling *1)	Btu/h	7,500	9,600	12,300	19,100	23,200
		Heating *2)	W	2,500	3,200	4,000	6,300	7,000
		Btu/h	8,500	10,900	13,600	21,500	23,900	
	Nominal Power Input	W	25	25	30	45	50	
	Nominal Current Input	A	0.18	0.18	0.18	0.27	0.30	
Sound *3)	Sound Pressure	High / Low	dB(A)	32 / 23	32 / 23	36 / 23	40 / 30	41 / 30
Fan	Type	-	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	Cross Flow Fan	
Airflow Rate	Cooling	High	CMM	7.8	9.3	12.0	14.0	
	Heating	High	CMM	8.2	8.2	9.5	13.0	15.0
	ESP	Std. (Min.-Max.)	mmAq	-	-	-	-	
Refrigerant Side	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV	EEV	EEV	EEV	EEV	
	Liquid	Φ, mm	6.35	6.35	6.35	6.35	9.52	
		Φ, inch	1/4	1/4	1/4	1/4	3/8	
	Piping Connections	Gas	Φ, mm	12.70	12.70	12.70	12.70	15.88
		Φ, inch	1/2	1/2	1/2	1/2	5/8	
Drain	Φ, mm	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose	ID 18 hose		
External Dimension	Weight	Net	kg	7.8	7.8	7.8	13.0	13.0
		Gross	kg	9.4	9.4	9.4	16.0	16.0
	Dimensions (WxHxD)	Net	mm	825 x 285 x 189	825 x 285 x 189	825 x 285 x 189	1,065 x 298 x 218	1,065 x 298 x 218
	Gross	mm	900 x 349 x 252	900 x 349 x 252	900 x 349 x 252	1,137 x 377 x 299	1,137 x 377 x 299	

- *1) Nominal cooling capacities are based on:
 - Indoor Air 27°CDB/19°CWB, Outdoor Air 35°CDB/24°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
- *2) Nominal heating capacities are based on:
 - Indoor Air 20°CDB/15°CWB, Outdoor Air 7°CDB/6°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
- *3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.



Slim Duct

- Flexible Installation
- Easier Drain Pump Installation
- Slim Design
- Easy to Maintain



Model		NH022LH-XEA	NH028LH-XEA	NH036LH-XEA	NH045LH-XEA	NH056LH-XEA		
Power Supply	Φ, #, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50		
		W	2,200	2,800	3,600	4,500	5,600	
Performance	Nominal Capacity	Cooling *1)	Btu/h	7,500	9,600	12,300	15,400	19,100
		Heating *2)	W	2,500	3,200	4,000	5,000	6,300
		Btu/h	8,500	10,900	13,600	17,100	21,500	
	Nominal Power Input	W	80	80	80	90	100	
	Nominal Current Input	A	0.40	0.40	0.40	0.60	0.60	
Sound *3)	Sound Pressure	High / Low	dB(A)	31 / 26	32 / 27	32 / 27	33 / 30	33 / 30
Fan	Type	-	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	Sirocco Fan	
Airflow Rate	Cooling	High	CMM	8.0	9.0	10.0	14.0	15.0
	Heating	High	CMM	9.0	10.0	12.0	16.5	18.0
	ESP	Std. (Min.-Max.)	mmAq	2 (0-4)	2 (0-4)	2 (0-4)	2 (0-4)	2 (0-4)
Refrigerant Side	Type	-	R410A	R410A	R410A	R410A	R410A	
	Control Method	-	EEV	EEV	EEV	EEV	EEV	
	Liquid	Φ, mm	6.35	6.35	6.35	6.35	9.52	
		Φ, inch	1/4	1/4	1/4	1/4	3/8	
	Piping Connections	Gas	Φ, mm	12.70	12.70	12.70	12.70	15.88
		Φ, inch	1/2	1/2	1/2	1/2	5/8	
Drain	Φ, mm	VP25(OD32, ID25)	VP25(OD32, ID25)	VP25(OD32, ID25)	VP25(OD32, ID25)	VP25(OD32, ID25)		
External Dimension	Weight	Net	kg	26.0	26.0	26.0	31.0	31.0
		Gross	kg	31.0	31.0	31.0	39.0	39.0
	Dimensions (WxHxD)	Net	mm	900 x 199 x 600	900 x 199 x 600	900 x 199 x 600	1,100 x 199 x 600	1,100 x 199 x 600
	Gross	mm	1,133 x 333 x 730	1,133 x 333 x 730	1,133 x 333 x 730	1,330 x 330 x 730	1,330 x 330 x 730	

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- *2) Nominal heating capacities are based on:
 - Indoor Air 20°CDB/15°CWB, Outdoor Air 7°CDB/6°CWB, Equivalent refrigerant piping 7.5m, Level differences 0m.
- *3) Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.

Optional Accessories

Individual Controllers



Standard Accessories

Individual Controllers



Optional Accessories

Individual Controllers



Drain Pump



Standard Accessories

Individual Controllers

