

1. Specifications

Category		Unit	FHNW16X0AV1 [HN16XAHC NK1]		
Major	Minor				
Classification	Chassis	-	K1		
Operation range(Leaving Water)	Cooling (min. ~ max.)	°C(DB)	5~27		
	Heating (min. ~ max.)	°C(DB)	15~75		
	Domestic hot water (min. ~ max.)	°C(DB)	15~80*		
Power supply	Case 1	V, Φ, Hz	220-240, 1, 50		
Current	Current (max.)	A	0.6		
Recommended circuit breaker(ELCB)	-	A	10		
Connecting cable	Power supply cable (H07RN-F)	mm² × cores	0.75 x 3C		
	Communication cable (H07RN-F)	mm² × cores	0.75 x 2C		
Electric backup heater	Type	-	Sheath		
	Power supply	V, Φ, Hz	220-240 V~ 50Hz		380-415 V3N~ 50Hz
	Number of heating coil	EA	3		
	Capacity combination	kW	3.0	3.0 + 3.0	3.0 + 3.0 + 3.0
	Heating steps	Step	1	2	3
	Rated running current	A	26	26	13
	Power cable (H07RN-F) (included earth)	mm² × cores	4.0 X 3C	4.0 X 3C	2.5 X 5C
	Recommended circuit breaker (ELCB)	A	32	32	16
Expansion tank	Volume (max.)	ℓ	12		
	Water pressure (max.)	bar	3		
	Water pressure (pre-charged)	bar	1		
Sound power level	Heating (rated)	dB(A)	39		
Water connecting pipes	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)		
Dimensions	Net (W x H x D)	mm	420 x 700 x 299		
	Shipping (W x H x D)	mm	504 x 884 x 372		
Weight	Net	kg	33.6		
	Shipping	kg	37.9		
Exterior	Color of chassis	-	Essence White		
	RAL Code of chassis	-	RAL 9003		

Note

1. Due to our policy of innovation some specifications may be changed without notification.
2. Wiring cable size must comply with the applicable local and national code. And "Electric characteristics" chapter should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
3. Sound power level is measured on the rated condition in accordance with ISO 9614 standard.
Therefore, these values depend on the ambient conditions and values are normally higher in actual operation.
4. * DHW 65~80°C operating is available only when the booster heater is operating.