

1. Specifications

FHNW16809C0 [HN1639HC NK0]

Category		Unit	Specification
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	220-230-240, 1, 50
Current	Current(max.)	A	0.6
Recommended circuit breaker(ELCB)	-	A	10
Connecting cable	Power supply cable(H07RN-F)	mm ² × cores	0.75 x 3C
	Communication cable(H07RN-F)	mm ² × cores	0.75 x 2C
Electric backup heater	Type	-	Sheath
	Power supply	V, Φ, Hz	380-400-415, 3, 50
	Number of heating coil	EA	3
	Capacity combination	kW	3.0 + 3.0 + 3.0
	Heating steps	Step	2
	Rated running current	A	13
	Power cable (H07RN-F) (included earth)	mm ² × cores	2.5 x 4C
	Recommended circuit breaker(ELCB)	A	16
Expansion tank	Volume(max.)	ℓ	8
	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	490 x 850 x 315
	Shipping(W x H x D)	mm	563 x 1082 x 375
Weight	Net	kg	30
	Shipping	kg	35
Exterior	Color	-	Noble White
	RAL code	-	RAL 9016

Note

- Due to our policy of innovation, some specifications may be changed without notification.
- Wiring cable size must comply with the applicable local and national codes. And "Electric characteristics" should be considered for electrical work and design. Especially the power cable and circuit breaker should be selected in accordance with that.
- 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.
- * DHW 65~80°C operating is available only when the booster heater is operating.