

Category		Unit	Specification
Major	Minor		
Classification	Chassis	-	K1
Current	Current(MAX)	A	0.6
Cooling Operation Range(Leaving Water)	For Fan Coil Unit(Min ~ Max)	℃	5 ~ 27
	For under floor(Min ~ Max)	℃	16 ~ 27
Heating Operation Range(Leaving Water)	Space Heating(Min ~ Max)	℃	15 ~ 55
	Domestic Hot Water(Min ~ Max)	℃	15 ~ 80*
Water Pump	Type	-	Canned type for hot water circulation
	Model(Maker,Name)	-	GRUNDFOS(UPM3K 20-75 CHBL)
	Motor type	-	BLDC
	Steps of Pumping Performance	-	10~ 100%(19 Steps)
	Power input(Min~Max)	W	3~60
	Max. Head	m	7.5
Expansion Tank	Volume(Max)	ℓ	8
	Water Pressure(Max)	bar	3
	Water Pressure(Pre-charged)	bar	1
Strainer	Mesh size	mesh	30
	Max. particle size	mm	0.6
	Material	-	STS304
Safety Valve(Water cycle)	Pressure Limit(Upper Limit)	bar	3
Flow Sensor	Type	-	Vortex
	Model(Maker,Name)	-	SIKA VVX20
	Measuring Range(Min~Max)	ℓ/min	5~80
Water Pressure Sensor	Model(Maker,Name)	-	SENSATA
	Measuring Range(Min~Max)	bar(G)	0 ~ 20
Electric Backup Heater	Type	-	Sheath
	Power Supply	V, Φ, Hz	220-240, 1, 50
	Number of Heating Coil	EA	2
	Capacity Combination	kW	1.5 + 1.5
	Heating Steps	Step	2
	Rated Current	A	13.0
	Power Supply Cable(H07RN-F)	mm² × cores	2.5 x 3C
Heat Exchanger(Refrigerant to Water)	Type	-	Brazed Plate HEX
	Quantity	EA	1
	Number of Plate	Sheet	52
	Water Volume	ℓ	0.7
Refrigerant Piping Connection	Liquid	mm(inch)	Φ6.35 (1/4)**
	Gas	mm(inch)	Φ12.7 (1/2)**
	Connection Type(Liquid)	-	Flare
	Connection Type(Gas)	-	Flare
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)
Sound Power Level	Heating(Rated)	dB(A)	44.0
Dimensions	Net(W x H x D)	mm	490 x 850 x 315
	Shipping(W x H x D)	mm	563 x 1,082 x 375
Weight	Net	kg	37.8
	Shipping	kg	42.3
Exterior	Color	-	Noble White
	RAL Code	-	RAL 9016
Connecting Cable	Power and Communication cable(H07RN-F)	mm² × cores	0.75 x 4C