

# Specifications

## 4-Way Cassette FCU

- Four-way air supply via independently adjustable blades.
- Direct drive fan powered by a BLDC motor.
- Built-in condensation drain pump.
- Optional 3-Way valve kit.
- Compatible with Wi-Fi Kit controller.
- Optional SPI Kit



Model		AG060MN4DKH/EU	AG072MN4DKH/EU	AG090MN4DKH/EU	AG105MN4DKH/EU		
<b>Power Supply</b>	Φ, V, Hz	1Φ, 220-240 V, 50/60 Hz	1Φ, 220-240 V, 50/60 Hz	1Φ, 220-240 V, 50/60 Hz	1Φ, 220-240 V, 50/60 Hz		
<b>Mode</b>		-	HP	HP	HP		
<b>Performance</b>	<b>Capacity (Nominal)</b>	<b>Cooling</b>	<b>kW</b>	6.0	7.2	9.0	10.0
		<b>Heating</b>	<b>kW</b>	7.3	8.5	10.0	10.7
<b>Power</b>	<b>Power Input (Nominal)</b>	<b>Cooling</b>	<b>W</b>	50	73	82	99
		<b>Heating</b>	<b>W</b>	50	73	82	99
	<b>Current Input (Nominal)</b>	<b>Cooling</b>	<b>A</b>	0.37	0.50	0.58	0.79
		<b>Heating</b>	<b>A</b>	0.37	0.5	0.58	0.79
<b>Fan</b>	<b>Type</b>	-	Fin & tube	Fin & tube	Fin & tube	Fin & tube	
	<b>Type</b>	-	Turbo Fan	Turbo Fan	Turbo Fan	Turbo Fan	
	<b>Number of Fans</b>	-	1	1	1	1	
	<b>Airflow Rate</b>	H/M/L	m <sup>3</sup> /min	18.9/16.5/13.6	21.3/18.2/13.6	23.3/21.3/19.4	30.1/26.2/19.4
<b>Fan Motor</b>	<b>Type</b>	-	BLDC	BLDC	BLDC	BLDC	
	<b>Output x n</b>	<b>W</b>	65 x 1	65 x 1	65 x 1	97 x 1	
<b>Water</b>	<b>Water Flow Rate</b>	<b>Cooling</b>	<b>l/min</b>	17.5	20.8	26.0	28.9
	<b>Water Flow Rate</b>	<b>Heating</b>	<b>l/min</b>	21.1	24.5	28.9	30.9
	<b>Pressure Drop</b>	<b>Cooling</b>	<b>kPa</b>	27.0	36.0	46.8	56.3
	<b>Pressure Drop</b>	<b>Heating</b>	<b>kPa</b>	37.3	48.6	56.3	63.4
<b>Piping Connections</b>	<b>Liquid Pipe (IN)</b>	<b>Type</b>	PF MALE	PF MALE	PF MALE	PF MALE	
		<b>ø, mm (inch)</b>	20A (3/4)	20A (3/4)	20A (3/4)	20A (3/4)	
	<b>Liquid Pipe (OUT)</b>	<b>Type</b>	PF MALE	PF MALE	PF MALE	PF MALE	
		<b>ø, mm (inch)</b>	20A (3/4)	20A (3/4)	20A (3/4)	20A (3/4)	
	<b>Heat Insulation</b>	-	Both inlet/outlet pipes	Both inlet/outlet pipes	Both inlet/outlet pipes	Both inlet/outlet pipes	
	<b>Drain Pipe</b>	<b>ø, mm</b>	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	VP25 (OD 32, ID 25)	
<b>Sound</b>	<b>Sound Pressure</b>	(H/M/L)	<b>dB(A)</b>	37/33/30	41/35/30	42/38/35	45/40/35
	<b>Sound Power</b>	<b>Cooling</b>	<b>dB(A)</b>	56	60	58	60
<b>Dimensions</b>	<b>Net Weight</b>	<b>kg</b>	15.5	15.5	18.0	18.0	
	<b>Net Dimensions (W x H x D)</b>	<b>mm</b>	840 x 204 x 840	840 x 204 x 840	840 x 246 x 840	840 x 246 x 840	
<b>Panel</b>	<b>Panel Model</b>	-	PC4NUSKAN PC4NUSKEN	PC4NUSKAN PC4NUSKEN	PC4NUSKAN PC4NUSKEN	PC4NUSKAN PC4NUSKEN	
<b>Additional Accessories</b>	<b>Drain Pump</b>	<b>Type</b>	-	Built-in	Built-in	Built-in	
		<b>Max. Lifting Height/Displacement</b>	<b>mm/(cc/min)</b>	750/400	750/400	750/400	
	<b>3-Way Valve Kit (optional)</b>			ACL-A60V3	ACL-A60V3	ACL-A60V3	
	<b>Filter</b>	-	Microfibrous filter	Microfibrous filter	Microfibrous filter	Microfibrous filter	

### Accessories



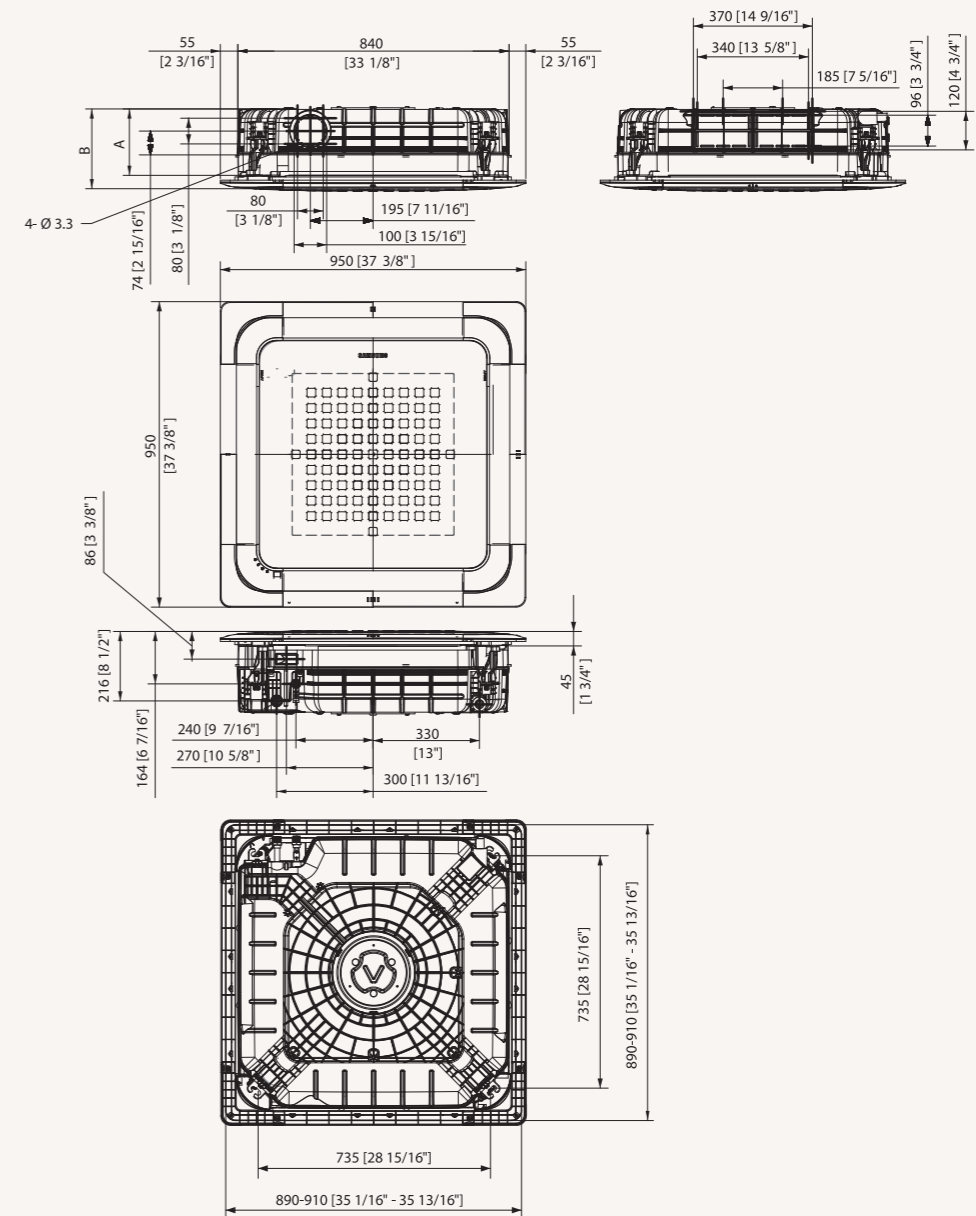
Panel 4-W Waffle (Optional)	Panel 4-W Classic (Optional)	FCU Interface Module	Wireless Remote Controller	Simple Type Controller	Touch Controller	Wired Remote Controller	SPI Kit (optional)
PC4NUSKAN	PC4NUSKEN	MIM-F10N	AR-EH03E	MWR-SH00N	MWR-SH11N	MWR-WG00*N	MSD-CAN1

Cooling: Indoor temperature 27 °C DB, 19 °C WB/Water In/Out temperature 7 °C, 12 °C Heating: Indoor temperature 20 °C DB, 15 °C WB/Water In/Out temperature 45 °C, 40 °C.  
 Sound level was acquired in an anechoic room. Thus actual noise level may be different depending on the installation conditions.  
 Specifications may be subject to change without prior notice.  
 Select wire size based on the Minimum Circuit Ampacity (MCA) value.

# Dimensional drawings

## 4-Way Cassette FCU

AG060/072/090/105MN4DKH/EU



Pos.	Name	Description
<b>Model</b>	AG060MN4DKH/EU	AG090MN4DKH/EU
	AG072MN4DKH/EU	AG105MN4DKH/EU
	204 [8 1/16"]	246 [9 11/16"]
<b>A</b>	253 [9 15/16"]	295 [11 5/8"]
<b>A</b>	205	289
<b>Pipe connection</b>		PF 3/4 Male
<b>Drain pipe connection</b>		VP25 (OD 32, ID 25)