

Specifications

360 Cassette



- 360° air supply without distribution flaps ("coanda" effect); pressure losses reduced to a minimum
- Fan with inverter engine; predisposition of the air-inlet to let external air in
- Built-in condensation drain pump (750 mmH2O); antibacterial filter included
- Communication with the "Nasa" protocol
- Virus Doctor device (optional); WI-FI kit (optional)
- Power supply: single-phase 220 V - 50 Hz or three-phase 400 V - 50 Hz
- Inverter Twin Rotary compressor - outdoor unit
- Possibility to connect two, three or four indoor units (twin-triple-quadri)

Model	Indoor Unit		AC071MN4PKH/EU AC071MXADKH/ EU	AC090MN4PKH/EU AC090MXADKH/EU	AC100MN4PKH/EU AC100MXADKH/EU
EAN	Indoor Unit		8806088576589	8806088576626	8806088576657
	Outdoor Unit		8806088576619	8806088576855	8806088576671
Cooling	Std Capacity (Min~Max)	kW	7.10 (2.20~8.00)	9.00 (3.00~11.30)	10.00 (3.00~12.00)
	Std Absorption (Min~Max)	kW	2.49 (0.35~3.95)	2.82 (0.60~4.46)	3.40 (0.60~4.70)
	SEER: Seasonal Energy Efficiency Ratio	-	6,2	6,8	6,8
	Seasonal Energy Efficiency Class	-	A++	A++	A++
	Design Heat Load (Pdesignc)	kW	7,1	9,0	10,0
	Indicative Annual Energy Consumption (Q ^{CE})	kWh/a	401	463	515
Heating	Std Capacity (Min~Max)	kW	8.00 (1.90~9.00)	10.00 (2.20~13.90)	11.20 (2.20~15.50)
	Std Absorption (Min~Max)	kW	2.40 (0.35~3.95)	2.65 (0.46~5.20)	3.15 (0.46~5.40)
	SCOP: Seasonal Coefficient of Performance	-	4,1	4,3	4,3
	Seasonal Energy Efficiency Class	-	A+	A+	A+
	Design Heat Load (Pdesignh)	kW	4,5	5,3	5,3
	Electric back-up heater capacity elbu (Tj)	kW	-	-	-
	Declared capacity	kW	4,5	5,3	5,3
	Indicative annual energy consumption (Q ^{HE})	kWh/a	1537	1726	1726
Indoor Unit	Dimensions (WxHxD)	mm	947x281x947	947x365x947	947x365x947
	Panel Dimensions (WxHxD)	mm	Square: 1000x66x1000 Circle: 1050 x 94 x 105	Square: 1000x66x1000 Circle: 1050 x 94 x 105	Square: 1000x66x1000 Circle: 1050 x 94 x 105
	Weight	Kg	20,2	23,5	23,5
	Panel Weight	Kg	Square: 3,6 Circle: 2.7	Square: 3,6 Circle: 2.7	Square: 3,6 Circle: 2.7
	Treated Air (Max)	m³/min	17,5	30,1	31,2
	Static Pressure Min~Std~Max	mmH2O	-	-	-
	Sound Power Level	dB(A)	53	60	61
Outdoor Unit	Dimensions (WxHxD)	mm	880x798x310	940x998x330	940x998x330
	Weight	Kg	53	72	72
	Sound Power Level	dB(A)	65	68	69
	Power Supply	Ø, V, Hz	1, 220-240, 50	1, 220-240, 50	1, 220-240, 50
	Operating Range (Cooling)	°C	-15~50	-15~50	-15~50
	Operating Range (Heating)	°C	-20~24	-20~24	-20~24
Installation Data	Liquid/Gas Piping	Ømm (inch)	6.35 (1/4") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")
	Piping length Max	m	50	50	50
	Maximum Elevation Gap (Indoor/Outdoor Unit)	m	30	30	30
	Maximum Piping Length without Adding Refrigerant	m	5	30	30
	Additional Refrigerant Charging	g/m	20	50	50
Refrigerant	Refrigerant Type	-	R-410A	R-410A	R-410A
	GWP: Global warming potential of the used refrigerant	-	2088	2088	2088
	Factory Charging	Kg	1,5	3,0	3,0
	Ton equivalent Co ₂	tCo ₂ Eq	3,13	6,26	6,26

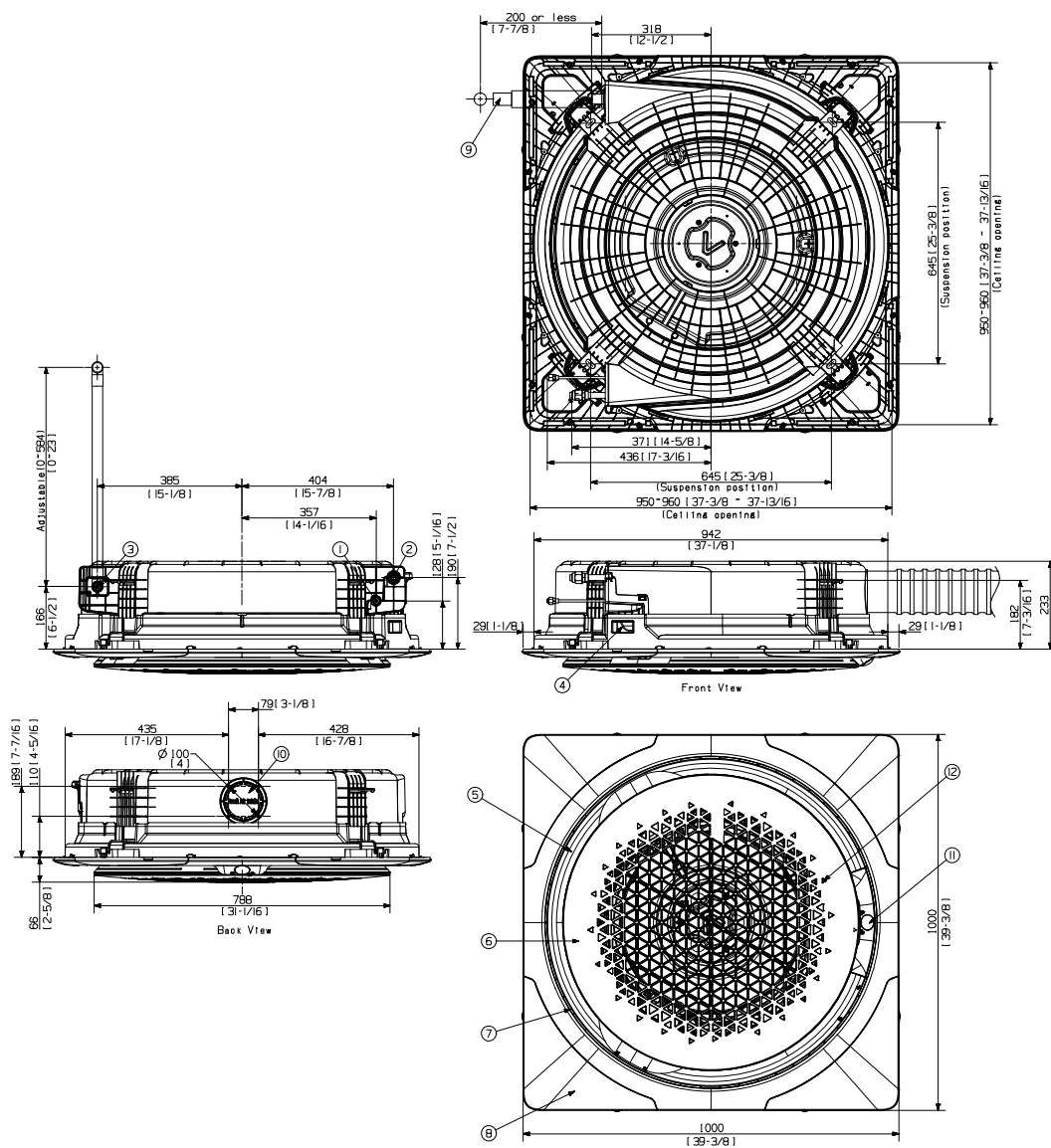
Accessories									
Individual Controllers (Optional)				Others (Optional)		Panel (Mandatory)		Panel (Optional)	
									
AR-KH00E	MWR-SH00N	MWR-SH10N	MWR-WET13N	MIM-H03N	MRW-TA	PC4NUDMAN	PC4NUNMAN	PC4NBDMAN	PC4NBNMAN

AC100MN4PKH/EU AC100MXADNH/EU	AC120MN4PKH/EU AC120MXADKH/EU	AC120MN4PKH/EU AC120MXADNH/EU	AC140MN4PKH/EU AC140MXADKH/EU	AC140MN4PKH/EU AC140MXADNH/EU
8806088576657	8806088576909	8806088576909	8806088576947	8806088576947
8806088576886	8806088576695	8806088576923	8806088576718	8806088576961
10.00 (3.00~12.00)	12.00 (3.50~13.50)	12.00 (3.50~13.50)	13.40 (3.50~15.50)	13.40 (3.50~15.50)
3.40 (0.60~4.70)	4.70 (0.90~5.30)	4.70 (0.90~7.90)	4.45 (0.80~6.44)	4.45 (0.80~7.90)
6,8	5,7	5,7	3.0 (EER)	3.0 (EER)
A++	A+	A+	-	-
10,0	12,0	12,0	-	-
515	737	737	-	-
11.20 (2.20~15.50)	13.00 (3.50~15.50)	13.00 (3.50~15.50)	15.50 (3.50~18.00)	15.50 (3.50~18.00)
3.15 (0.46~5.40)	4.00 (0.75~5.50)	4.00 (0.75~7.90)	4.54 (0.70~7.36)	4.54 (0.70~7.90)
4,3	4,1	4,1	3.4 (COP)	3.4 (COP)
A+	A+	A+	-	-
5,3	7,4	7,4	-	-
-	-	-	-	-
5,3	7,4	7,4	-	-
1726	2527	2527	-	-
947x365x947	947x365x947	947x365x947	947x365x947	947x365x947
1000x66x1000	1000x66x1000	1000x66x1000	1000x66x1000	1000x66x1000
23,5	23,5	23,5	25,5	25,5
3,6	3,6	3,6	3,6	3,6
31,2	32,5	32,5	32,4	32,4
-	-	-	-	-
61	61	61	61	61
940x998x330	940x998x330	940x998x330	940x1210x330	940x1210x330
72	77	77	87	87
69	70	70	69	69
3, 380-415, 50	1, 220-240, 50	3, 380-415, 50	1, 220-240, 50	3, 380-415, 50
-15~50	-15~50	-15~50	-15~50	-15~50
-20~24	-20~24	-20~24	-20~24	-20~24
9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")	9.52 (3/8") 15.88 (5/8")
50	50	50	75	75
30	30	30	30	30
30	30	30	30	30
50	50	50	50	50
R-410A	R-410A	R-410A	R-410A	R-410A
2088	2088	2088	2088	2088
3,0	3,0	3,0	3,4	3,4
6,26	6,26	6,26	7,10	7,10

Dimensional Drawings

360 Cassette (square)

AC071MN4PKH/EU

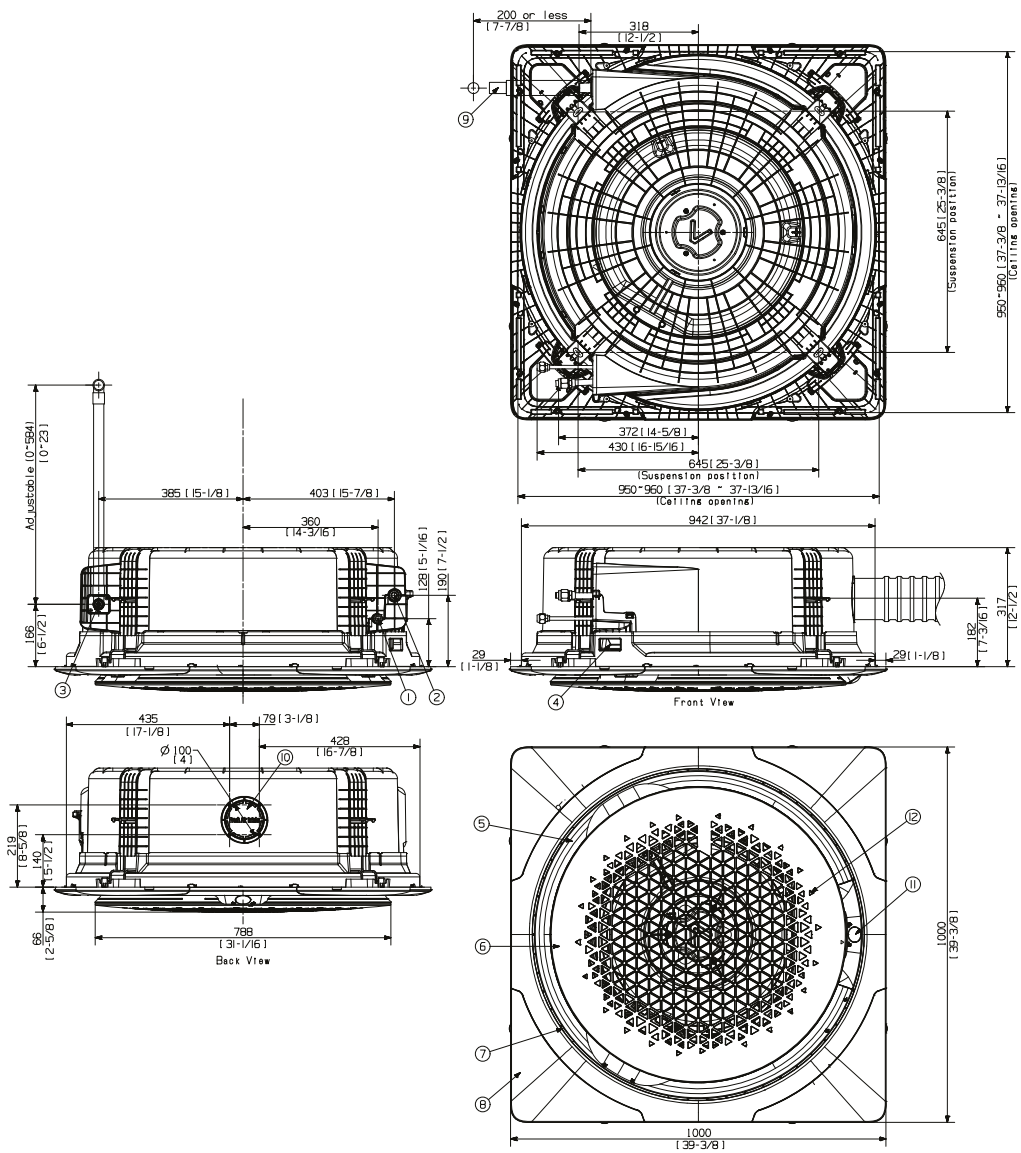


Pos.	Name	Description
1	Liquid piping	ø 6,35 mm (1/4")
2	Gas piping	ø 15,88 mm (5/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air supply	-
6	Air intake	-

Pos.	Name	Description
7	Booster Fan hollow space	
8	Panel	
9	Condensation drain piping (accessory)	
10	Pre-cut hole - external air	ø 100 mm
11	Display	
12	Wireless remote controller receiver	-

360 Cassette (square)

AC090/100/120/140MN4PKH/EU

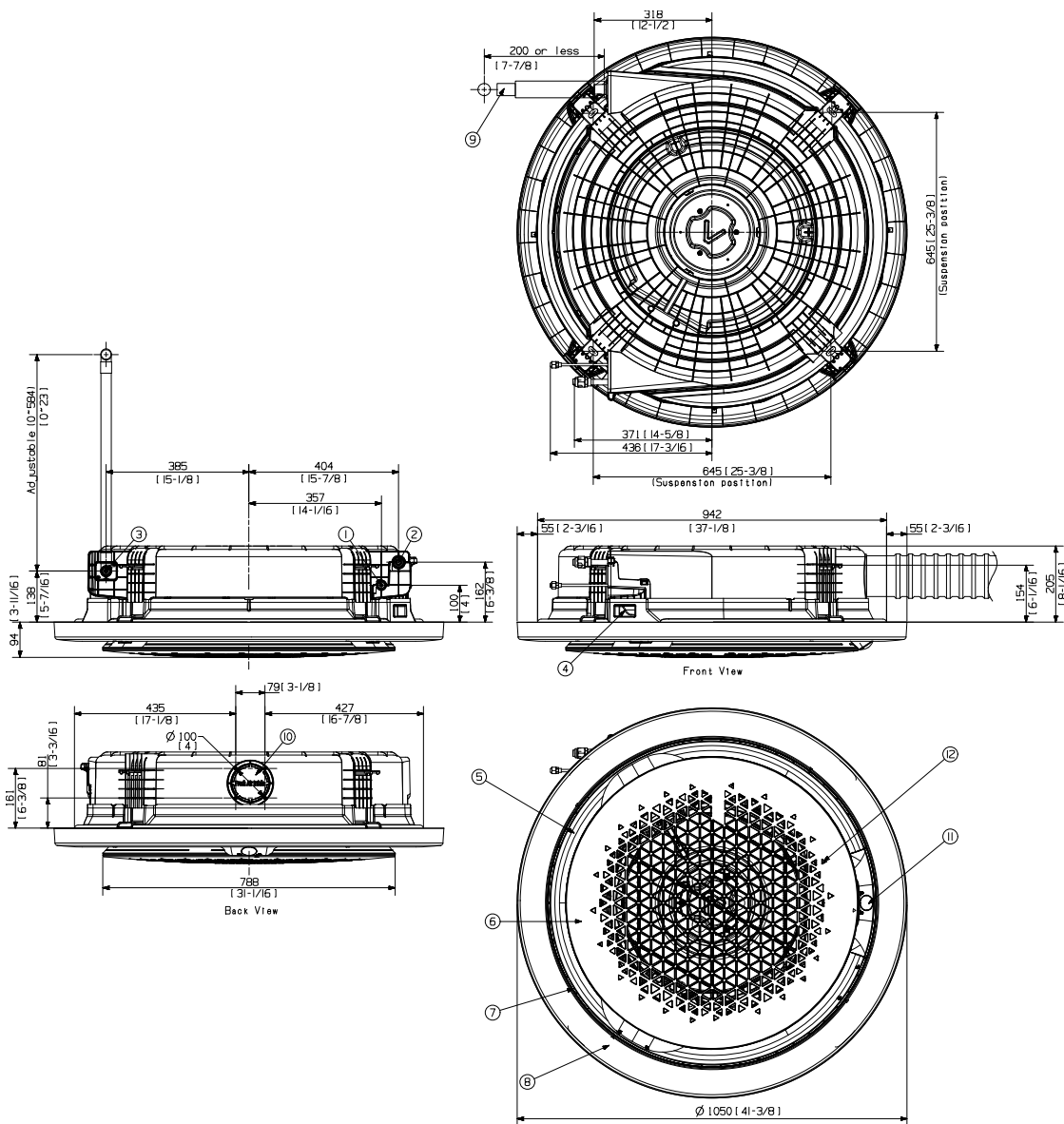


Pos.	Name	Description
1	Liquid piping	ø 9.52 mm (3/8")
2	Gas piping	ø 15.88 mm (5/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air supply	-
6	Air intake	-

Pos.	Name	Description
7	Booster Fan hollow space	
8	Panel	
9	Condensation drain piping (accessory)	
10	Pre-cut hole - external air	ø100 mm
11	Display	
12	Wireless remote controller receiver	-

360 Cassette (circle)

AC071MN4PKH/EU

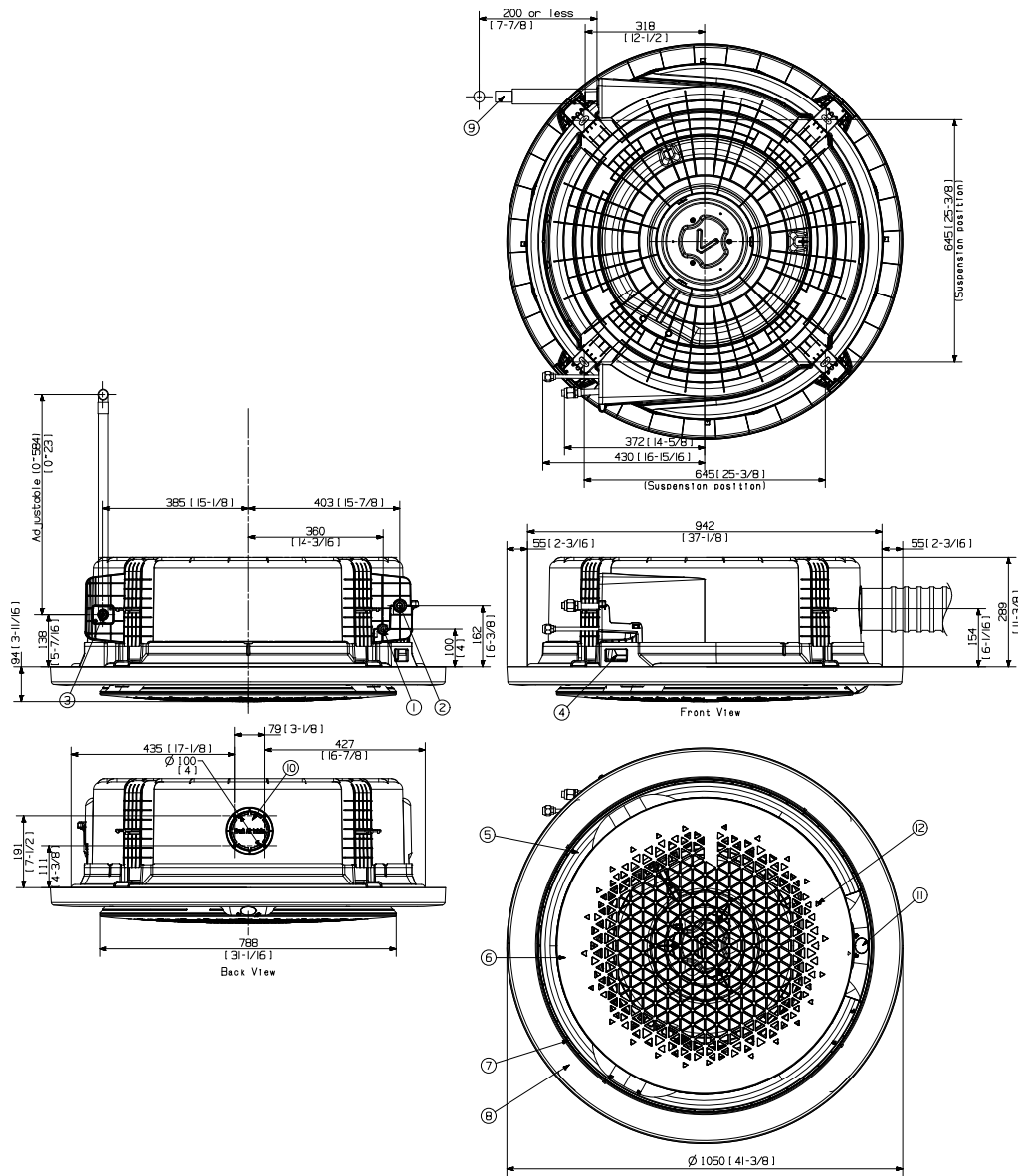


Pos.	Name	Description
1	Liquid piping	ø 6,35 mm (1/4")
2	Gas piping	ø 15,88 mm (5/8")
3	Condensation drain piping	VP-25 (OD332, ID25)
4	Power supply cables connection / communication	-
5	Air supply	-
6	Air intake	-

Pos.	Name	Description
7	Booster Fan hollow space	
8	Panel	
9	Condensation drain piping (accessory)	
10	Pre-cut hole - external air	ø 100 mm
11	Display	
12	Wireless remote controller receiver	-

360 Cassette (circle)

AC090/100/120/140MN4PKH/EU



Pos.	Name	Description
1	Liquid piping	ø 9.52 mm (3/8")
2	Gas piping	ø 15.88 mm (5/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air supply	-
6	Air intake	-

Pos.	Name	Description
7	Booster Fan hollow space	
8	Panel	
9	Condensation drain piping (accessory)	
10	Pre-cut hole - external air	ø100 mm
11	Display	
12	Wireless remote controller receiver	-