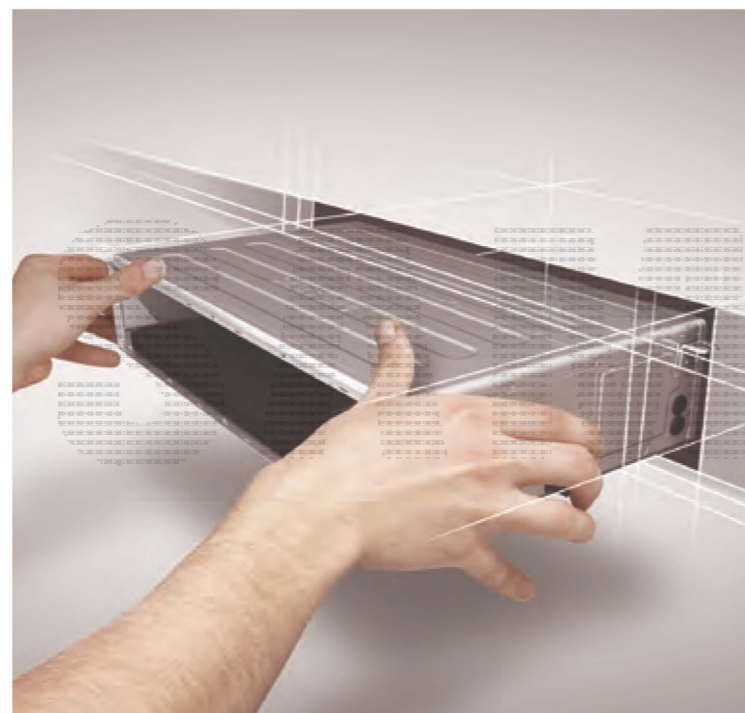


# Featured Products

## Slim Duct S

### Slim Design for Small Ceiling Spaces

The width of the Slim Duct S is a slim 200mm, making it much narrower than conventional products. This allows for easy installation and maintenance in all kinds of spaces.



### Built-in Drain Pump

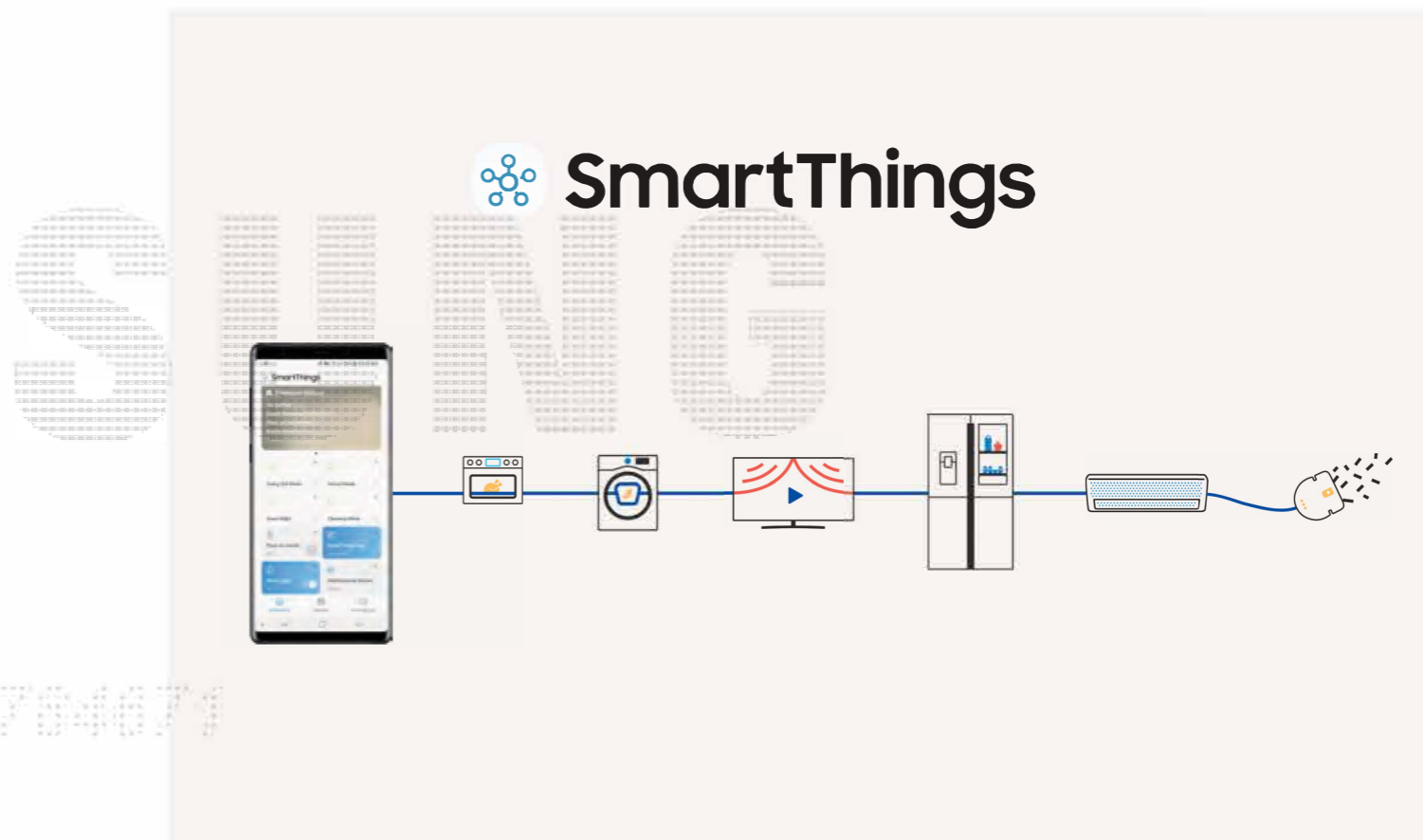
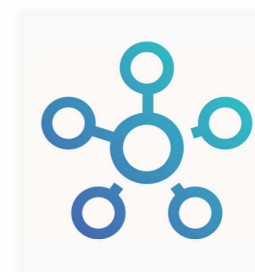
A check valve on the drain pump prevents drained water from flowing back into the drain pan, minimising the drain pan's water level. This modern design feature means no water stagnation, and no drain water overflowing into your interiors.



→ For Multi Split (FJM) please see: Page 3.32  
→ For Commercial (CAC) please see: Page 4.30

# Featured Products

## Samsung SmartThings



### SmartThings

Samsung air conditioners offer Wi-Fi control using the Samsung SmartThings App on your smartphone, which lets you remotely turn the unit on and off, control its functions and schedule its operation at any time and anywhere.<sup>1</sup> Through the SmartThings App you can also control and monitor other 'Smart' appliances in your home, such as your washing machine, vacuum cleaner and refrigerator<sup>2</sup>.

<sup>1</sup> Available on iPhones and Android devices. A network connection is required. Samsung application account is necessary.  
<sup>2</sup> Consult relevant user guide/manual to ensure product compatibility with Samsung SmartThings.

### Available functions

- Control your air conditioner remotely
- Energy consumption control and monitoring
- Coordinate your air conditioner and other Samsung appliances
- Plan weekly schedules
- Filter change monitoring
- Estimate seasonal usage and expected costs

# Specifications



LSP Duct **R32** **NEW**

Indoor Unit		AC026RNLDKG/EU	AC035RNLDKG/EU	AC052RNLDKG/EU	AC071RNLDKG/EU	
Outdoor Unit- Mono-Phase		AC026RXADKG/EU	AC035RXADKG/EU	AC052RXADKG/EU	AC071RXADKG/EU	
Outdoor Unit- Tri-Phase						
<b>Capacity</b>						
Capacity	Cooling (Min/Nominal/Max)	kW	0.80 / 2.60 / 3.80	0.85 / 3.50 / 4.30	1.20 / 5.00 / 6.50	1.50 / 7.10 / 8.70
	Heating up to +7°C (Min/Nominal/Max)	kW	0.98 / 3.30 / 4.30	1.00 / 4.00 / 5.00	1.10 / 6.00 / 7.20	1.90 / 8.00 / 9.00
	Heating @ -5°C	kW	3.2	3.9	5.9	7.8
	Heating @ -15°C	kW	2.9	3.5	5.2	7.0
<b>Performance</b>						
Energy Efficiency Cooling	SEER	W/W	6.2 / A++	6.1 / A++	6.1 / A++	6.0 / A+
	Consumption	kWh/a	147	201	287	414
	Pdesignc	kW	2.6	3.5	5.0	7.1
	EER	W/W	3.82	3.12	2.96	2.98
Energy Efficiency Heating	SCOP	W/W	4.0 / A+	4.0 / A+	3.9 / A	3.9 / A
	Consumption	kWh/a	700	700	862	1328
	Pdesignh (average)	kW	2.0	2.0	2.4	3.7
	COP	W/W	3.79	3.31	3.45	3.36
AirFlow Rate	Indoor Unit (High/Mid/Low)	m <sup>3</sup> /min	9.0 / 8.2 / 7.4	9.5 / 8.5 / 7.5	13.5 / 11.5 / 9.5	19.0 / 14.5 / 10.0
Sound Power	Indoor Unit	dB(A)	53	53	55	59
	Outdoor Unit	dB(A)	59	61	62	65
Sound Pressure	Indoor Unit (Silent/Low/Mid/High)	dB(A)	26 / 29 / 32	27 / 30 / 33	27 / 30 / 33	27 / 32 / 37
	Outdoor Unit	dB(A)	46/47	48/48	48/48	49/51
Fan/ Outdoor unit	Type		Sirocco	Sirocco	Sirocco	Sirocco
	Power	W	153	153	153	153
	Number	EA	2	2	3	3
External Static Pressure	Min / Std / Max	Pa	0 / 25 / 39	0 / 25 / 39	0 / 29 / 39	0 / 29 / 39
Operating Temp. Range	Cooling	°C	-15 ~ 46	-15 ~ 46	-15 ~ 50	-15 ~ 50
	Heating	°C	-20 ~ 24	-20 ~ 24	-20 ~ 24	-20 ~ 24
<b>Electrical Data</b>						
Power Source	Indoor Unit	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 1P	V / Hz / Φ / #	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2	220-240/ 50/ 1/ 2
	Outdoor Unit 3P	V / Hz / Φ / #				
Compressor Type	Outdoor Unit	Type	Single BLDC	Single BLDC	Twin BLDC	Twin BLDC
Power (Min/Nominal/Max)	Cooling	kW	0.19 / 0.68 / 1.20	0.20 / 1.12 / 1.40	0.35 / 1.69 / 2.20	0.35 / 2.38 / 3.60
	Heating	kW	0.20 / 0.87 / 1.45	0.19 / 1.21 / 1.80	0.26 / 1.74 / 2.70	0.35 / 2.38 / 3.95
Current Input	Cooling (Min/Std/Max)	A	1.5 / 3.6 / 5.5	1.6 / 5.4 / 6.5	2.1 / 7.7 / 10.0	2.0 / 10.5 / 16.0
	Heating (Min/Std/Max)	A	1.3 / 4.5 / 7.0	1.3 / 5.8 / 10.5	1.7 / 7.8 / 12.0	2.0 / 10.4 / 17.0
	Cooling- Tri-Phase (Min/Std/Max)	A				
	Heating- Tri-Phase (Min/Std/Max)	A				
<b>Dimensions</b>						
Net Dimensions (W x H x D)	Indoor Unit	mm	700 x 199 x 600	700 x 199 x 600	1100 x 200 x 450	1100 x 200 x 450
	Outdoor Unit	mm	790 x 548 x 285	790 x 548 x 285	880 x 638 x 310	880 x 798 x 310
Net Weight	Indoor Unit	kg	19,0	19,0	23,5	23,5
	Outdoor Unit	kg	32,5	32,5	43,0	51,0
<b>Refrigerant</b>						
Refrigerant	Type		R32(Contains fluorinated greenhouse gases. GWP=675)			
Refrigerant	Factory charging	kg	0.9 / 20m	0.9 / 20m	1.2 / 10m	1.7 / 15m
	Charging Ton equivalent CO2	tCO2e	0.61 tCO2e	0.61 tCO2e	0.81 tCO2e	1.15 tCO2e
	Additional refrigerant charging	g / m	-	-	15	25
Piping Connections	Liquid Pipe	Φ.inch	1 / 4	1 / 4	1 / 4	1 / 4
	Gas Pipe	Φ.inch	3 / 8	3 / 8	1 / 2	5 / 8
Piping Length	Min/ Max	m	3 / 20	3 / 20	3 / 30	3 / 50
Piping Height	Max	m	15	15	20	30
Piping Connections	Drain pipe	Φ.mm	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)	VP25 (OD32.ID25)
<b>Others</b>						
Panel	Model code					
	Net Dimensions (W x H x D)	mm				
	Net Weight	kg				
Accessories	Drain pump		MDP-E075SEE3D	MDP-E075SEE3D	MDP-G075SP	MDP-G075SP
	Max lifting height/ displacement	mm / l/h	750/24	750/24	750/24	750/24

- Fan with inverter motor; prevalence adjustable up to 40Pa; thickness of just 200mm
- 750 mmH2O condensation drain pump (optional); antibacterial filter included

Accessories							
Drain Pump (Optional)		Individual Controllers (Optional)			Others (Optional)		
MDP-E075S-EE3D	MDP-G075SP	AR-EH03E (to be matched with MRK-A10N)	MWR-SH11N	MWR-WE13N	MIM-H03N	MRK-A10N (to be matched with AR-EH03E)	MRW-TA

SUNING

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Learn more about Samsung Climate Solutions at: [www.samsung.com/climate](http://www.samsung.com/climate)

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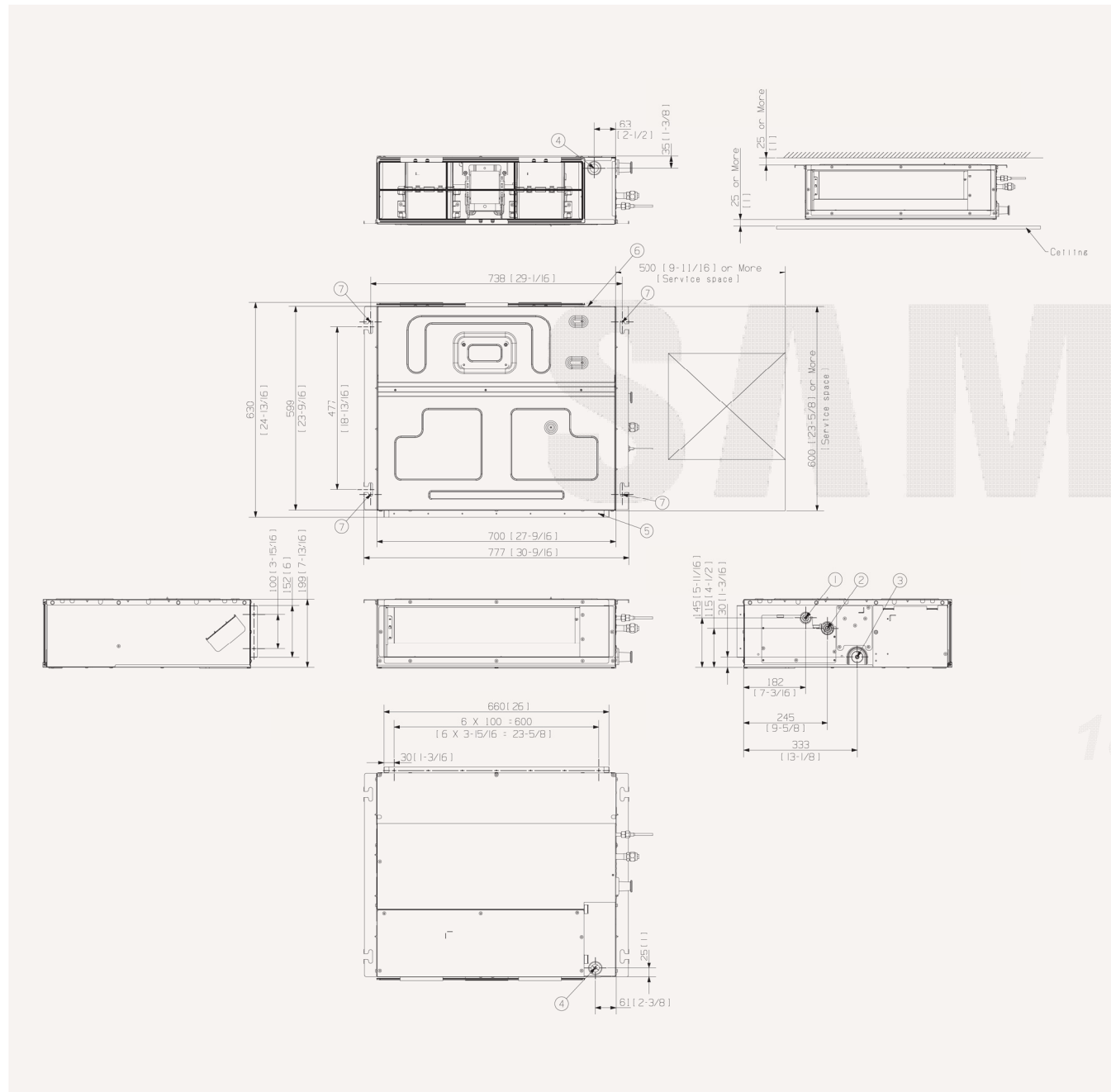
**Samsung Electronics Air Conditioner Europe B.V.**

Evert van de Beekstraat 310, 1118 CX Schiphol • P.O. Box 75810, 1118 ZZ Schiphol • +31 (0)8 81 41 61 00 • Netherlands

# Dimensional Drawings

## LSP Duct (Slim)

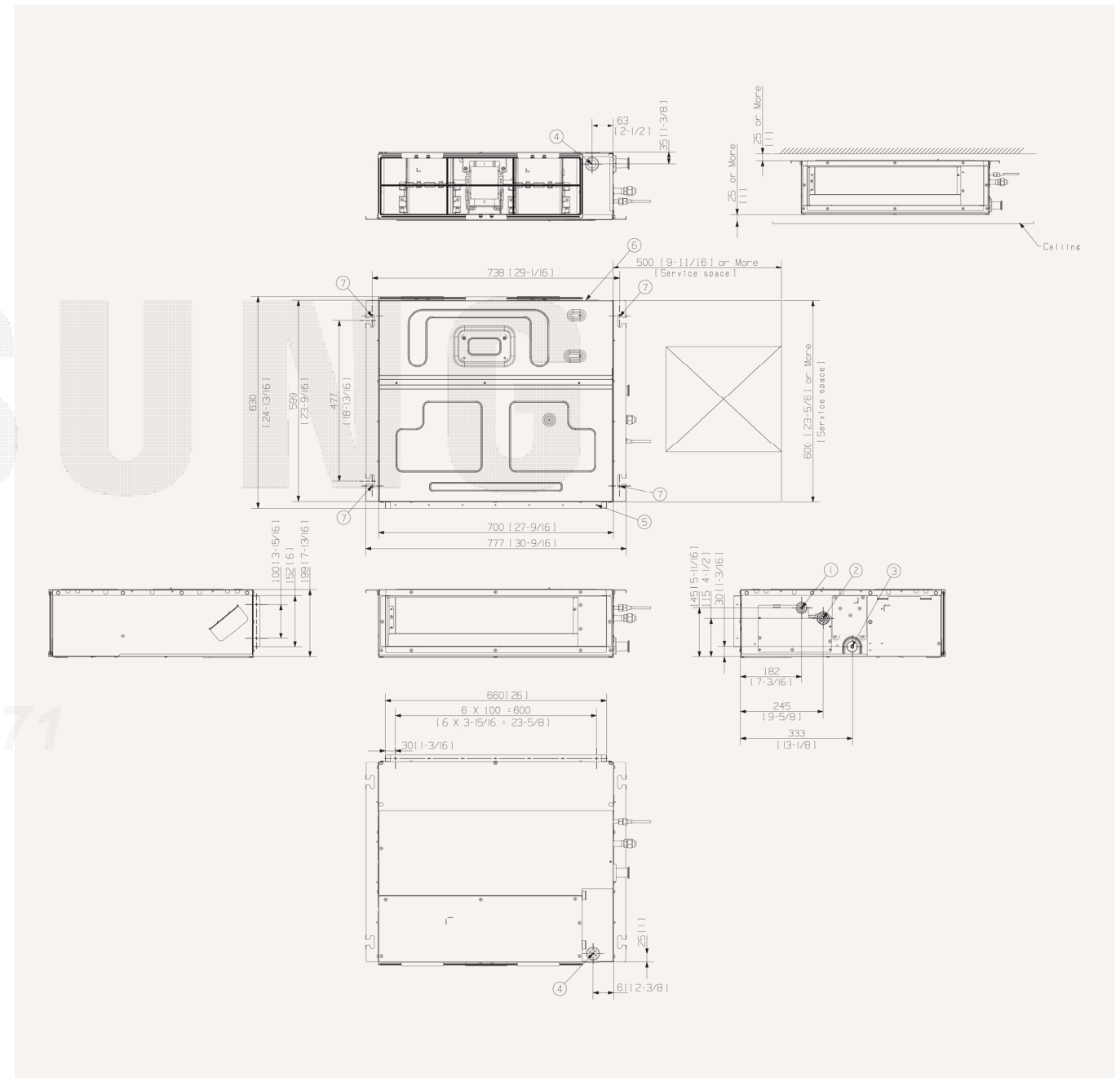
AC026/035\*NLDK\*/EU



Pos.	Name	Description
1	Liquid piping	ø 6,35 mm (1/4")
2	Gas piping	ø 9,52mm (3/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air intake	-
6	Air supply	-
7	Air tie rods	Use M8 ~ M10 bolt (4ea)

## LSP Duct (Duct S)

AC052/071\*NLDK\*/EU



Pos.	Name	Description
1	Liquid piping	ø 6,35 mm (1/4")
2	Gas piping	ø 9,52mm (3/8")
3	Condensation drain piping	VP-25 (OD32, ID25)
4	Power supply cables connection / communication	-
5	Air intake	-
6	Air supply	-
7	Air tie rods	Use M8 ~ M10 bolt (4ea)