

# 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>						
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	SEER	W/W	6.2 / A++	6.1 / A++	6.1 / A++	6.0 / A+
Cooling	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	SCOP	W/W	4.0 / A+	4.0 / A+	3.9 / A	3.9 / A
Heating	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 / Ø / #	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 / Ø / #	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 / Ø / #				
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 658 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)			
	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	Ø.inch	1 / 4	1 / 4	1 / 4	1 / 4
	Gas Pipe	Ø.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	Ø.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				
Accessoires	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-SHT1N	MWR-WE13N	MIM-H03N
					MRK-A10N (to be matched with AR-EH03E)
					MRW-TA