LIGHT COMMERCIAL

DUCTED MEDIUM STATIC PRESSURE

FDUM 40~50 VH FDUM 60 VH

OPTIONAL

RCN-KIT4-E2
Optional kit

SRC 40 ZSX-W1
SRC 50~60 ZSX-W3

*optional

Compatible with AIRZONE systems

Indoor unit model			FDUM 40 VH	FDUM 50 VH	FDUM 60 VH
Outdoor unit model			SRC 40 ZSX-W1	SRC 50 ZSX-W3	SRC 60 ZSX-W3
Type			DC-Inverter Heat pump		
Nominal data					
Rated capacity (T=+35°C)	Cooling	kW	4.00 (1.10~4.70)	5.00 (1.10~5.60)	5.60 (1.10~6.30)
Rated power input (T=+35°C)		kW	1.10	1.51	1.54
Rated energy efficiency coefficient		EER[1]	3.62	3.31	3.64
Rated capacity (T=+7°C)	Heating	kW	4.50 (0.60~5.40)	5.40 (0.60~6.30)	6.70 (0.60~7.10)
Rated power input (T=+7°C)		kW	1.10	1.59	1.75
Rated energy performance coefficient		COP[1]	4.09	3.39	3.83
Seasonal data					
Design load (Pdesignc)	Cooling	kW	4.00	5.00	5.60
Seasonal energy efficiency index		SEER[2]	6.11	5.82	6.43
Seasonal energy efficiency class		626/2011[3]	A++	A+	A++
Annual energy consumption		kWh/y	230	301	305
Design load (Pdesignh) @ -10°C	Heating (average climate conditions)	kW	3.00	3.70	4.70
Seasonal performance coefficient		SCOP[2]	3.81	3.89	4.37
Seasonal energy efficiency (ηs)		%	149.40	152.60	171.80
Seasonal energy efficiency class		626/2011[3]	A	A	A+
Annual energy consumption		kWh/y	1102	1332	1508
Electrical data					
Power supply	Outdoor unit	Ph-V-Hz	1-220~240V-50Hz		
Power cable		Type	3 x 4 mm2	3 x 4 mm2	3 x 4 mm2
Wiring cables I.U./O.U.		nb.	4	4	4
Nominal absorbed current	Cooling	A	5.10	6.90	6.80
	Heating	A	5.00	7.20	7.80
Max current		A	15.00	15.00	15.00
Max power input		kW	2.60	2.90	2.90
Refrigerant circuit data					
Refrigerant[4]		Type (GWP)	R32 (675)		
Refrigerant precharge		Kg	1.30	1.30	1.30
Tons of CO2 equivalent		t	0.878	0.878	0.878
Diameter of refrigerant pipings liquid/gas		mm (inch.)	6.35(1/4") - 12.74(1/2")	6.35(1/4") - 12.74(1/2")	6.35(1/4") - 12.74(1/2")
Max splitting distance	Min / Max	m	30	30	30
Max splitting level difference I.U./O.U.		m	20	20	20
Max. splitting without additional charge		m	15	15	15
Additional charge		g/m	20	20	20
Indoor unit specifications					
Dimensions	LxDxH	mm	750x635x280	750x635x280	950x635x280
Net weight		Kg	29	29	34
Sound power level	Max	dB(A)	60	60	60
Sound pressure level	P-Hi/Hi/Me/Lo	dB(A)	37/32/29/26	37/32/29/26	36/31/28/25
Air flow volume	P-Hi/Hi/Me/Lo	m3/h	780/600/540/480	780/600/540/480	1200/900/780/600
Fan static pressure	Std/Max	Pa	35/100	35/100	35/100
Outdoor unit specifications					
Dimensions	LxDxH	mm	800(+71)x290x640	800(+71)x290x640	800(+71)x290x640
Net weight		Kg	45	45	45
Sound power level	Max	dB(A)	63	63	65
Sound pressure level	Max	dB(A)	52	51	53
Air flow volume	Max	m3/h	1980	2340	2490
Operating range (outdoor temperature)	Cooling	°C	-15~+46		
	Heating	°C	-20~+20	-15~24	
Accessories					
Wired control			RC-E5 (LCD) / RC-EX3A (touch) / RCH-E3 (simplified)		
IR remote control (KIT)			RCN-KIT4-E2		
Optional parts					
Wi-Fi module			INWFIMHI001R100		
Human sensor (KIT)			LB-KIT2		
SUPERLINK interface II			SC-ADNA-E		
Recovery filter (KIT)			UM-FL1EF		UM-FL2EF

1. Value measured according to harmonised standard EN14511. 2. EU Regulation N.206/2012- N.2281/2016 -Value measured according to harmonised standard EN14825. 3. Delegated Regulation UE N.626/2011 with regard to energy labelling indicating the energy consumption of air conditioners. 4. Refrigerant leakage contributes to climate change. When released into the atmosphere, refrigerants with a lower global warming potential (GWP) contribute less to global warming than those with a higher GWP. This appliance contains a refrigerant with a GWP of 675. If 1 kg of this refrigerant fluid were released into the atmosphere, therefore, the impact on global warming would be 675 times higher than 1 kg of CO2, over a period of 100 years. Under no circumstances should the user try to intervene on the refrigerant circuit or disassemble the product. Always contact qualified personnel if necessary.