

FDUM Ducted (medium static pressure) inverter

- All new inverter heat pump split systems
- Compact & lightweight design
- Low noise levels
- Condensate drain pump included as standard



INDOOR UNIT		FDUM50VD	FDUM60VD	FDUM71VD	FDUM100VD	FDUM100VD	FDUM125VD
OUTDOOR UNIT		SRC50ZIX-S	SRC60ZIX-S	FDC71VN	FDC100VN	FDC100VS (3 PHASE)	FDC125VN
WIRED CONTROLLER		RC-E4	RC-E4	RC-E4	RC-E4	RC-E4	RC-E4
Cooling (Nominal)	kW	5.0	5.6	7.1	10.0	10.0	12.5
Cooling Range	kW	2.2 to 5.6	2.8 to 6.3	3.2 to 8.0	4.0 to 11.2	4.0 to 11.2	5.0 to 14.0
UK Cooling	kW	4.8	5.4	6.7	9.4	9.4	11.8
UK Sensible Cooling	kW	3.7	4.4	5.2	7.8	7.8	9.0
E.E.R (Energy Label)		3.29 (B)	3.01 (B)	3.32 (A)	3.57 (A)	3.57 (A)	3.10 (B)
Heating (Nominal)	kW	5.4	6.7	8.0	11.2	11.2	14.0
Heating Range	kW	2.5 to 6.3	3.1 to 7.1	3.6 to 9.0	4.0 to 12.5	4.0 to 12.5	4.0 to 16.0
C.O.P (Energy Label)		3.83 (A)	3.42 (B)	3.70 (A)	4.04 (A)	4.04 (A)	3.68 (B)
Operating Range (Outdoor Air) Cooling	°C DB	-15 to 43					
Operating Range (Outdoor Air) Heating	°C WB	-15 to 24					

INDOOR UNIT							
Exterior Dimensions (H x W x D)	mm	299 x 750 x 635	299 x 750 x 635	299 x 750 x 635	350 x 1370 x 635	350 x 1370 x 635	350 x 1370 x 635
External Static Pressure (Standard / Max)	Pa	50 / 85	50 / 85	50 / 85	60 / 90	60 / 90	60 / 85
No. Of Supply Air Spigots	mm	2 x 200	3 x 200	3 x 200	4 x 200	4 x 200	4 x 200
Net Weight	kg	34	40	40	59	59	59
Air Volume (L - M - H)	m ³ /s	0.18 - 0.20 - 0.22	0.23 - 0.25 - 0.27	0.25 - 0.30 - 0.33	0.37 - 0.42 - 0.47	0.37 - 0.42 - 0.47	0.37 - 0.42 - 0.47
Sound Pressure Level* (L - M - H)	dB(A)	28 / 31 / 34	28 / 31 / 34	29 / 32 / 35	32 / 35 / 37	32 / 35 / 37	33 / 36 / 38

OUTDOOR UNIT							
Exterior Dimensions (H x W x D)	mm	640 x 800(+71) x 290	640 x 800(+71) x 290	750 x 880(+88) x 340	845 x 970 x 370	845 x 970 x 370	845 x 970 x 370
Net Weight	kg	43	43	60	81	83	81
Sound Pressure Level	dB(A)	47	48	48	49	49	51

ELECTRICAL DATA							
Power Source Rating MCB	A	20	20	20	32	20 per phase	32
Mains Power To	Outdoor	230V/1ph/50Hz	230V/1ph/50Hz	230V/1ph/50Hz	230V/1ph/50Hz	415V/3ph/50Hz	230V/1ph/50Hz
Interconnecting Wires		3 + E	3 + E	3 + E	3 + E	3 + E	3 + E
Running Current - Cooling	A	6.7	8.2	9.5	12.5	4.2 per phase	18.3
Running Current - Heating	A	6.3	9.0	9.8	12.4	4.1 per phase	17.0
Power Input - Cooling	kW	1.52	1.86	2.14	2.80	2.80	4.03
Power Input - Heating	kW	1.41	1.96	2.16	2.77	2.77	3.80
Start Current	A	5	5	5	5	5 per phase	5

INSTALLATION/REFRIGERANT							
Ref. Piping Size o.d ins (mm)	Liquid	1/4" (6.35)	1/4" (6.35)	3/8" (9.52)	3/8" (9.52)	3/8" (9.52)	3/8" (9.52)
	Gas	1/2" (12.7)	1/2" (12.7)	5/8" (15.88)	5/8" (15.88)	5/8" (15.88)	5/8" (15.88)
Ref. Max Piping Length	m	30	30	50	50	50	50
Vertical Height Difference (Max)	- Outdoor Unit Above Indoor Unit	m	20	20	30	30	30
	- Outdoor Unit Below Indoor Unit	m	15	15	15	15	15
Refrigerant Amount Precharged	kg	1.4	1.4	2.95	3.8	3.8	3.8
- For Pipe Length Up To	m	15	15	30	30	30	30
Additional Refrigerant	g/m	20	20	60	60	60	60

RETAIL PRICE							
Indoor Unit		£488	£546	£732	£1,024	£1,024	£1,207
Outdoor Unit		£948	£1,036	£1,450	£1,698	£1,698	£1,835
Wired Controller		£60	£60	£60	£60	£60	£60
SYSTEM PRICE		£1,496	£1,642	£2,242	£2,782	£2,782	£3,102

* Sound Pressure Level fan speeds: LOW/MED/HIGH measured at 1m below.

FDUM125VD	FDUM140VD	FDUM140VD
FDC125VS (3 PHASE)	FDC140VN	FDC140VS (3 PHASE)
RC-E4	RC-E4	RC-E4
12.5	14.0	14.0
5.0 to 14.0	5.0 to 14.5	5.0 to 14.5
11.8	12.7	12.7
9.0	9.4	9.4
3.10 (B)	2.83 (C)	2.83 (C)
14.0	16.0	16.0
4.0 to 16.0	4.0 to 16.5	4.0 to 16.5
3.68 (B)	3.26 (C)	3.26 (C)
	-15 to 43	
	-15 to 24	

350 x 1370 x 635	350 x 1370 x 635	350 x 1370 x 635
60 / 85	60 / 85	60 / 85
4 x 200	4 x 200	4 x 200
59	59	59
0.37 - 0.42 - 0.47	0.37 - 0.42 - 0.47	0.37 - 0.42 - 0.47
33 / 36 / 38	33 / 36 / 38	33 / 36 / 38

845 x 970 x 370	845 x 970 x 370	845 x 970 x 370
83	81	83
51	51	51

20 per phase	32	20 per phase
415V/3ph/50Hz	230V/1ph/50Hz	415V/3ph/50Hz
3 + E	3 + E	3 + E
6.1 per phase	23.2	7.6 per phase
5.7 per phase	22.3	7.4 per phase
4.03	4.95	4.95
3.80	4.89	4.89
5 per phase	5	5 per phase

3/8" (9.52)	3/8" (9.52)	3/8" (9.52)
5/8" (15.88)	5/8" (15.88)	5/8" (15.88)
50	50	50
30	30	30
15	15	15
3.8	3.8	3.8
30	30	30
60	60	60
£1,207	£1,218	£1,218
£1,835	£2,114	£2,114
£60	£60	£60
£3,102	£3,392	£3,392

ACCESSORIES

Model	Part Number	Description	Retail Price
FDUM50	UM-FL1E	Return Air Filter Kit	£85
FDUM60-71	UM-FL2E	Return Air Filter Kit	£85
FDUM100-140	UM-FL3E	Return Air Filter Kit	£85