

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		FDUM50V	FDUM60V	FDUM71V	FDUM100V	FDUM125V	FDUM140V
OUTDOOR UNIT		SRC50HX-S	SRC60HX-S	FDC71VN	FDC100VN	FDC125VN	FDC140VN
WIRED CONTROLLER		RC-E3	RC-E3	RC-E3	RC-E3	RC-E3	RC-E3
Cooling (Nominal)	kW	5.0	5.6	7.1	10.0	12.5	14.0
Cooling Range	kW	2.2 to 5.6	2.8 to 6.3	3.2 to 8.0	4.0 to 11.2	5.0 to 14.0	5.0 to 14.5
UK Cooling	kW	5.3	5.9	7.5	10.5	13.1	14.7
UK Sensible Cooling	kW	4.5	5.0	6.9	8.0	10.0	11.2
E.E.R.		3.29	3.01	3.41	3.57	3.10	2.83
Heating (Nominal)	kW	5.4	6.7	8.0	11.2	14.0	16.0
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 16.0	4.0 to 16.5
C.O.P		3.83	3.42	3.62	4.04	3.68	3.27
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 / 85	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	30	40	40	59	59	59
Air Volume (L - M - H)	m ³ /s	0.18 - 0.20 - 0.23	0.23 - 0.27 - 0.30	0.25 - 0.30 - 0.33	0.37 - 0.42 - 0.47	0.45 - 0.52 - 0.57	0.45 - 0.52 - 0.57
Sound Pressure Level*	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 x 290	640 x 800 x 290	750 x 968 x 340	845 x 970 x 370	845 x 970 x 370	845 x 970 x 370
Net Weight	kg	43	43	60	74	74	74
Sound Pressure Level	dB(A)	47	48	48	49	50	51
ELECTRICAL DATA							
Power Source Rating MCB	A	16	16	16	20	25	32
Mains Power To	230V/1ph/50Hz	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Interconnecting Wires		3 + E	3 + E	3 + E	3 + E	3 + E	3 + E
Running Current - Cooling	A	6.7	8.2	9.2	12.5	18.3	22.3
Power Input - Cooling	kW	1.52	1.86	2.08	2.80	4.03	4.95
Running Current - Heating	A	6.3	9.0	10.2	12.4	17.0	22.3
Power Input - Heating	kW	1.41	1.96	2.21	2.77	3.80	4.89
Start Current	A	5	5	5	5	5	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	30
- Outdoor Unit Below Indoor Unit	m	15	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		£463	£532	£693	£844	£1,151	£1,190
Outdoor Unit		£870	£979	£1,379	£1,649	£1,770	£2,064
Wired Controller		£59	£59	£59	£59	£59	£59
SYSTEM PRICE		£1,392	£1,570	£2,131	£2,552	£2,980	£3,313

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