

FDU-VH

High Static Ducted Series

- ESP Static Control with RC-E5 Controller
- Motion Sensor Option Available
- 600mm Drain Pump

		HYPER INVERTER SINGLE PHASE		
INDOOR UNIT PART NUMBER		FDU71VH 628603	FDU100VH 628629	FDU125VH 628632
HARD WIRED CONTROLLER PART NUMBER		RC-EX3A 629204	RC-EX3A 629204	RC-EX3A 629204
OUTDOOR UNIT PART NUMBER		FDC71VNX-W 628061	FDC100VNX-W 628207	FDC125VNX-W 628186
UK Cooling	kW	6.44	9.53	11.91
UK Sensible Cooling	kW	5.4	7.29	9.98
Cooling Range (Nominal)	kW	3.2 to 8.0	3.5 to 11.2	3.5 to 14
S.E.E.R, EER, Energy Label		5.86, 4.01, A+	6.29, 3.86, A++	6.10, 3.58, N/A
Heating Range (Nominal)	kW	3.6 to 9.0	2.7 to 12.5	2.7 to 17.0
S.C.O.P, COP, Energy Label		4.12, 4.49, A+	4.13, 4.26, A+	4.06, 3.88, N/A
INDOOR UNIT				
Exterior Dimensions (H x W x D)	mm	280 x 950 x 635	280 x 1,370 x 740	280 x 1,370 x 740
Net Weight	kg	34	54	54
Air Flow (H/M/L) Cooling	m ³ /m	19 / 15 / 10	28 / 25 / 19	32 / 26 / 20
Air Flow (H/M/L) Heating	m ³ /m	19 / 15 / 10	28 / 25 / 19	32 / 26 / 20
Sound Pressure Level (H/M/L) Cooling	db(A)	33 / 29 / 25	38 / 36 / 30	40 / 34 / 29
Sound Pressure Level (H/M/L) Heating	db(A)	33 / 29 / 25	38 / 36 / 30	40 / 34 / 29
OUTDOOR UNIT				
Exterior Dimensions (H x W x D)	mm	750 x 880(+88) x 340	1300x970x370	1300x970x370
Net Weight	kg	60	97	97
Sound Pressure Level Cooling/Heating	db(A)	51 / 51	53/51	68/70
ELECTRICAL DATA				
Power Source Rating MCB	A	20	32	32
Mains Power To	Outdoor	1 Phase 220-240V, 50Hz	230V/1ph/50Hz	230V/1ph/50Hz
Interconnecting Wires (Dia)	(mm ²)	3+E (1.5)	3+E (1.5)	3+E (1.5)
Start Current	A	5	5	5
INSTALLATION/REFRIGERANT				
Ref. Piping Size o.d.ins (mm)	Liquid	3/8	3/8	3/8
	Suction	5/8	5/8	5/8
Ref. Max Piping Length	m	50	100	100
Vertical Height Difference (Max) * Outdoor Unit Above/Below Indoor Unit	m	30/15	50/15	50/15
Refrigerant Amount Pre-charged (kg/TCO2Eq)		2.75/1856	4/2700	4/2700
* For Pipe Length Up To	m	30	30	30
Additional Refrigerant	g/m	54	54	54



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HYPER INVERTER 1PH	HYPER INVERTER THREE PHASE		
FDU140VH 628640	FDU100VH 628629	FDU125VH 628632	FDU140VH 628640
RC-EX3A 629204	RC-EX3A 629204	RC-EX3A 629204	RC-EX3A 629204
FDC140VNX-W 628196	FDC100VSX-W 628211	FDC125VSX-W 628191	FDC140VSX-W 628201
13.21	9.53	11.91	13.21
10.60	7.29	9.98	10.60
3.5 to 16	3.5 to 11.2	3.5 to 14	3.5 to 16
5.79, 3.32, N/A	6.29, 3.86, A++	6.10, 3.58, N/A	5.79, 3.32, N/A
2.7 to 18.0	2.7 to 16.0	2.7 to 18.0	2.7 to 20.0
3.99, 3.79, N/A	4.13, 4.26, A+	3.92, 3.88, N/A	3.88, 3.79, N/A
280 x 1,370 x 740	280 x 1,370 x 740	280 x 1,370 x 740	280 x 1,370 x 740
54	54	54	54
35 / 28 / 22	28 / 25 / 19	32 / 26 / 20	35 / 28 / 22
35 / 28 / 22	28 / 25 / 19	32 / 26 / 20	35 / 28 / 22
40 / 35 / 30	38 / 36 / 30	40 / 34 / 29	40 / 35 / 30
40 / 35 / 30	38 / 36 / 30	40 / 34 / 29	40 / 35 / 30
1300x970x370	1300x970x370	1300x970x370	1300x970x370
97	99	99	99
69/71	53/51	53/54	54/54
32	16 per a phase	16 per a phase	20 per a phase
230V/1ph/50Hz	3 Phase, 380 - 415V 50Hz	3 Phase, 380 - 415V 50Hz	3 Phase, 380 - 415V 50Hz
3+E (1.5)	3+E (1.5)	3+E (1.5)	3+E (1.5)
5	5	5	5
3/8	3/8	3/8	3/8
5/8	5/8	5/8	5/8
100	100	100	100
50/15	50/15	50/15	50/15
4/2700	4/2700	4/2700	4/2700
30	30	30	30
54	54	54	54