

SPECIFICATION

SPLIT TYPE



Split (Outdoor Unit)		Capacity	NEW 3kW 1φ	NEW 5kW 1φ	NEW 7kW 1φ	NEW 9kW 1φ
		Reference	HU031.UE2*	HU051.U42*	HU071.U42*	HU091.U42*
Nominal Capacity	Heating (A7/W35)	kW	3.00	5.00	7.00	9.00
	Heating (A2/W50)	kW	2.25	4.08	5.19	6.04
	Heating (A-2/W50)	kW	2.26	4.16	5.25	5.98
	Heating (A-7/W35)	kW	2.89	4.92	6.70	8.11
	Cooling (A35/W18)	kW	3.00	5.00	7.00	9.00
Nominal Power Input	Heating (A7/W35)	kW	0.65	1.10	1.59	2.13
	Heating (A2/W50)	kW	0.89	1.59	2.07	2.59
	Heating (A-2/W50)	kW	0.93	1.73	2.18	2.64
	Heating (A-7/W35)	kW	1.02	1.69	2.31	3.03
COP	Cooling (A35/W18)	kW	0.75	1.35	2.05	2.90
	Heating (A7/W35)		4.62	4.55	4.40	4.23
EER	Heating (A2/W50)		2.53	2.57	2.51	2.33
	Heating (A-2/W50)		2.44	2.40	2.41	2.27
	Heating (A-7/W35)		2.83	2.91	2.90	2.68
	Cooling (A35/W18)		4.00	3.70	3.41	3.10
Dimension	W*H*D	mm	870 x 655 x 320	950 x 834 x 330	950 x 834 x 330	950 x 834 x 330
Weight		kg	46	64	64	64
Sound Pressure Level (Heating)		dB(A)	51	54	54	54
Outdoor Air Operation Range	Heating	°CDB	-20 ~ 30	-20~30	-20~30	-20~30
	Cooling	°CDB	5 ~ 48	5~48	5~48	5~48
Refrigerant (R410a)	Pipe Diameter (Liquid)	mm(inch)	φ 6.35(1/4)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Pipe Diameter (Gas)	mm(inch)	φ 12.7(1/2)	15.88(5/8)	15.88(5/8)	15.88(5/8)
	Pre-Charged Amount	kg	1	1.55	1.55	1.55
	Chargeless Pipe Length	m	7.5	7.5	7.5	7.5
	Additional Charging Volume	g/m	20	40	40	40
Ref. Pipe Length	Minimum	m	-	-	-	-
	Standard	m	7.5	7.5	7.5	7.5
	Maximum	m	40	50	50	50
Power Supply	P/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1 / 220-240 / 50
Recommended Fuse	A		20	20	20	20

Split (Indoor Unit)		Capacity	NEW 3kW	NEW 5,7,9kW
		Reference	HN0314.NK2	HN0914.NK2
Dimension	W*H*D	mm	490*850*315	490*850*315
Weight		kg	47	48
Electric Heater	Power Supply	P/V/Hz	1 / 220-240 / 50	1 / 220-240 / 50
	Capacity	kW	4	4
Leaving Water Temp. Range	Heating	°C	15~55	15~55
	Cooling	°C	6~30	6~30
Water Flowrate Limit	LPM		Min. 8	Min. 15
Max. Water Head	m		6	7
Water Pipe Connection	Inlet	mm(inch)	Male PT 25(1)	Male PT 25(1)
	Outlet	mm(inch)	Male PT 25(1)	Male PT 25(1)

* Combination Table

Outdoor Unit (1φ) Indoor Unit	3kW	5kW	7kW	9kW
		HU031.UE2 HN0314.NK2	HU051.U42 HN0914.NK2	HU071.U42 HN0914.NK2

* These models will be available in Q1 2015

Split (Outdoor Unit)		Capacity	12kW 1φ	14kW 1φ	16kW 1φ	12kW 3φ	14kW 3φ	16kW 3φ
		Reference	HU121.U31	HU141.U31	HU161.U31	HU123.U31	HU143.U31	HU163.U31
Nominal Capacity	Heating (A7/W35)	kW	12.00	14.00	16.00	12.00	14.00	16.00
	Heating (A2/W50)	kW	8.50	9.78	11.03	8.55	9.83	11.30
	Heating (A-2/W50)	kW	7.94	9.14	10.30	7.99	9.18	10.50
	Heating (A-7/W35)	kW	11.48	13.11	14.80	11.66	12.72	14.92
	Cooling (A35/W18)	kW	14.50	15.50	16.10	14.60	15.50	16.80
Nominal Power Input	Heating (A7/W35)	kW	2.67	3.15	3.81	2.72	3.24	3.81
	Heating (A2/W50)	kW	3.41	4.00	4.60	3.49	4.07	4.73
	Heating (A-2/W50)	kW	3.30	3.95	4.63	3.40	4.00	4.63
	Heating (A-7/W35)	kW	4.16	4.85	5.61	4.31	4.98	5.95
COP	Cooling (A35/W18)	kW	4.00	4.69	5.07	4.02	4.65	5.09
	Heating (A7/W35)		4.49	4.44	4.20	4.41	4.32	4.20
EER	Heating (A2/W50)		2.49	2.45	2.40	2.45	2.42	2.39
	Heating (A-2/W50)		2.41	2.31	2.22	2.35	2.30	2.27
	Heating (A-7/W35)		2.76	2.70	2.64	2.71	2.55	2.51
	Cooling (A35/W18)		3.63	3.30	3.18	3.63	3.33	3.30
Dimension	W*H*D	mm	950 x 1,380 x 330					
Weight		kg	105					
Sound Pressure Level (Heating)		dB(A)	53					
Outdoor Air Operation Range	Heating	°CDB	-20 ~ 30					
	Cooling	°CDB	5 ~ 48					
Refrigerant (R410a)	Pipe Diameter (Liquid)	mm(inch)	9.52 (3/8)					
	Pipe Diameter (Gas)	mm(inch)	15.88 (5/8)					
	Pre-Charged Amount	Kg	2.85	2.85	2.85	2.98	2.98	2.98
	Chargeless Pipe Length	m	7.5	7.5	7.5	7.5	7.5	7.5
	Additional Charging Volume	g/m	60	60	60	60	60	60
Ref. Pipe Length	Minimum	m	3					
	Standard	m	7.5					
	Maximum	m	50					
Power Supply	P/V/Hz		1 / 220-240 / 50			3 / 380-415 / 50		
Recommended Fuse	A		32			16		

Split (Indoor Unit)		Capacity	12~16kW				
		Reference	HN1616.NK1	HN1626.NK1	HN1629.NK1	HN1636.NK1	HN1639.NK1
Dimension	W*H*D	mm	490 x 850 x 315				
Weight		kg	54.5				
Electric Heater	Power Supply	P/V/Hz	1 / 220-240 / 50	3 / 220 / 50			3 / 380-415 / 50
	Capacity	kW	6	6	9	6	9
Leaving Water Temp. Range	Heating	°C	15 ~ 55				
	Cooling	°C	6 ~ 30				
Water Flowrate Limit	LPM		Min. 15				
Max. Water Head	m		7				
Water Pipe Connection	Inlet	mm(inch)	Male PT 25 (1)				
	Outlet	mm(inch)	Male PT 25 (1)				

* Combination Table

Outdoor Unit (1φ)	HU121.U31	HU141.U31	HU161.U31	Outdoor Unit (3φ)	HU123.U31	HU143.U31	HU163.U31
	12kW	14kW	16kW		12kW	14kW	16kW
Indoor Unit	HN1616.NK1	HN1616.NK1	HN1616.NK1	Indoor Unit	HN1616.NK1	HN1616.NK1	HN1616.NK1
	HN1626.NK1	HN1626.NK1	HN1626.NK1		HN1626.NK1	HN1626.NK1	HN1626.NK1
	HN1636.NK1	HN1636.NK1	HN1636.NK1		HN1636.NK1	HN1636.NK1	HN1636.NK1
	HN1629.NK1	HN1629.NK1	HN1629.NK1		HN1629.NK1	HN1629.NK1	HN1629.NK1
	HN1639.NK1	HN1639.NK1	HN1639.NK1		HN1639.NK1	HN1639.NK1	HN1639.NK1