




HIWALL SINGLE SPLIT TYPE SPECIFICATIONS

Issued date: 27-02-2015

INVERTER		HEAT PUMP											
													
Indoor Unit		42UQV025M3			42UQV035M3			42UQV050M3			42UQV060M3		
Outdoor Unit		38UYV025M3			38UYV035M3			38UYV050M3			38UYV060M3		
Power Supply (Ph/Hz/V)		1/50/220-240, 1/60/220-230			1/50/220-240, 1/60/220-230			1/50/220-240, 1/60/220-230			1/50/220-240, 1/60/220-230		
		220V	230V	240V	220V	230V	240V	220V	230V	240V	220V	230V	240V
Capacity	CO (kW)	2.50(1.10-2.90)	2.50(1.10-2.90)	2.50(1.10-2.90)	3.50(1.10-4.00)	3.50(1.10-4.00)	3.50(1.10-4.00)	5.00(1.10-6.00)	5.00(1.10-6.00)	5.00(1.10-6.00)	6.00(1.20-6.70)	6.00(1.20-6.70)	6.00(1.20-6.70)
Power Consumption	CO (kW)	0.77(0.26-0.97)	0.77(0.26-0.97)	0.77(0.26-0.97)	1.02(0.26-1.33)	1.02(0.26-1.33)	1.02(0.26-1.33)	1.51(0.19-2.13)	1.51(0.19-2.13)	1.51(0.19-2.13)	1.99(0.20-2.65)	1.99(0.20-2.65)	1.99(0.20-2.65)
Operating Current	CO (A)	4.05(1.78-5.05)	3.89(1.71-4.85)	3.72(1.64-4.63)	5.12(1.42-6.35)	4.89(1.71-6.09)	4.69(1.30-5.85)	7.05(1.16-9.90)	6.75(1.12-9.47)	6.50(1.07-9.10)	9.31(1.24-12.32)	8.90(1.19-11.78)	8.54(1.14-11.29)
COP	CO (W/W)	3.25(4.23-2.99)	3.25(4.23-2.99)	3.25(4.23-2.99)	3.43(4.23-3.01)	3.43(4.23-3.01)	3.43(4.23-3.01)	3.31(5.79-2.82)	3.31(5.79-2.82)	3.31(5.79-2.82)	3.02(6.00-2.53)	3.02(6.00-2.53)	3.02(6.00-2.53)
Capacity	HP (kW)	3.20(0.90-4.00)	3.20(0.90-4.00)	3.20(0.90-4.00)	4.20(0.90-5.50)	4.20(0.90-5.50)	4.20(0.90-5.50)	5.80(0.80-6.30)	5.80(0.80-6.30)	5.80(0.80-6.30)	7.00(1.00-7.50)	7.00(1.00-7.50)	7.00(1.00-7.50)
Power Consumption	HP (kW)	0.84(0.21-1.20)	0.84(0.21-1.20)	0.84(0.21-1.20)	1.10(0.16-1.58)	1.10(0.16-1.58)	1.10(0.16-1.58)	1.60(0.15-1.75)	1.60(0.15-1.75)	1.60(0.15-1.75)	2.18(0.19-2.35)	2.18(0.19-2.35)	2.18(0.19-2.35)
Operating Current	HP (A)	4.20(1.37-5.90)	4.02(1.31-5.65)	3.85(1.25-5.41)	5.45(1.15-7.80)	5.20(1.10-7.47)	5.00(1.06-7.15)	7.49(0.90-8.15)	7.16(0.87-7.80)	6.87(0.83-7.47)	10.16(1.19-10.94)	9.71(1.13-10.46)	9.31(1.09-10.03)
COP	HP (W/W)	3.81(4.29-3.33)	3.81(4.29-3.33)	3.81(4.29-3.33)	3.82(5.63-3.48)	3.82(5.63-3.48)	3.82(5.63-3.48)	3.63(5.33-3.60)	3.63(5.33-3.60)	3.63(5.33-3.60)	3.21(5.26-3.19)	3.21(5.26-3.19)	3.21(5.26-3.19)
Indoor Unit		42UQV025M3			42UQV035M3			42UQV050M3			42UQV060M3		
Dimension (HxWxD)		(mm) 275x790x235			(mm) 275x790x235			(mm) 320x1050x238			(mm) 320x1050x238		
Net weight		(kg) 10			(kg) 10			(kg) 13			(kg) 13		
Airflow Volume - (h-l)	CO	(m³/h) 528-252			(m³/h) 570-294			(m³/h) 954-588			(m³/h) 1080-660		
	HP	(m³/h) 570-282			(m³/h) 624-600			(m³/h) 990-636			(m³/h) 1098-714		
Dehumidifying capacity		(l/h) 1.5			(l/h) 2.0			(l/h) 2.8			(l/h) 3.5		
Sound Pressure - (h-l)	CO	(dB) 39/36/34/32/30			(dB) 40/37/34/31/27			(dB) 44/41/38/35/32			(dB) 47/44/41/38/35		
	HP	(dB) 41/38/36/33/31			(dB) 41/38/35/32/29			(dB) 44/41/38/35/32			(dB) 47/44/42/38/35		
Sound Power - (h)	CO	(dBA) 54			(dBA) 52			(dBA) 59			(dBA) 62		
	HP	(dBA) 56			(dBA) 56			(dBA) 59			(dBA) 62		
Fan Motor Output		(W) 20			(W) 20			(W) 30			(W) 30		
Remote control model		WH-TA05NE			WH-TA05NE			WH-Ta05ne			WH-TA05NE		
Outdoor Unit		38UYV025M3			38UYV035M3			38UYV050M3			38UYV060M3		
Dimension (HxWxD)		(mm) 530x660x240			(mm) 550x780x290			(mm) 550x780x290			(mm) 550x780x290		
Net weight		(kg) 25			(kg) 34			(kg) 39			(kg) 41		
Refrigerant type		R410a			R410a			R410a			R410a		
Sound Pressure - (h)	CO/HP (dB)	47/49			48/50			49/50			53/52		
Sound Power - (h)	CO/HP (dBA)	62/64			61/65			64/65			68/67		
Usable Outdoor Temp	CO	°C -10~46			°C -10~46			°C -10~46			°C -10~46		
	HP	°C -15~24			°C -15~24			°C -15~24			°C -15~24		
Compressor Output		(W) 650			(W) 750			(W) 1100			(W) 1100		
Fan Motor Output		(W) 20			(W) 43			(W) 43			(W) 43		
Pipe Size		6.35(1/4")			6.35(1/4")			6.35(1/4")			6.35(1/4")		
Liquid side		(mm/inch) 6.35(1/4")			(mm/inch) 6.35(1/4")			(mm/inch) 6.35(1/4")			(mm/inch) 6.35(1/4")		
Gas side		(mm/inch) 9.52(3/8")			(mm/inch) 9.52(3/8")			(mm/inch) 12.7(1/2")			(mm/inch) 12.7(1/2")		
Coupler Style		Flare			Flare			Flare			Flare		
Drain tube outside diameter		(mm) 16.3			(mm) 16.3			(mm) 16.3			(mm) 16.3		
Maximum Piping Length		(m) 15			(m) 20			(m) 20			(m) 20		
Maximum Piping Height		(m) 8			(m) 10			(m) 10			(m) 10		
Chargeless Length		(m) 10			(m) 15			(m) 15			(m) 15		
Additional refrigerant charge		(g/m) 20			(g/m) 20			(g/m) 20			(g/m) 20		
Air filter (Accessory)		Nano Photo Copper Zinc 1 pc.			Nano Photo Copper Zinc 1 pc.			Nano Photo Copper Zinc 2 pcs.			Nano Photo Copper Zinc 2 pcs.		
		Nano Silver Ginseng 1 pc.			Nano Silver Ginseng 1 pc.			Nano Silver Ginseng 2 pcs.			Nano Silver Ginseng 2 pcs.		

* The specification may be subject to change without notice for purpose of improvement.