








SPLIT TYPE

Ultra Heat GMV HR

Lineup of Outdoor Unit

Capacity (Ton)	Model	Appearance
6	GMV-VQ72WM/C-F(U)	
8	GMV-VQ96WM/C-F(U)	
10	GMV-VQ120WM/C-F(U)	

Mode Exchange Box

Model	Appearance
NCHS1D(U)	
NCHS2D(U)	
NCHS4D(U)	
NCHS8D(U)	

Job Name:

Schedule Reference:

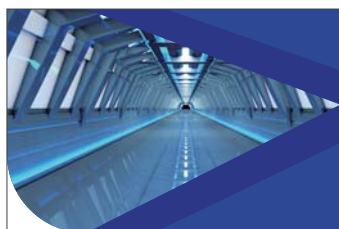
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Parameter of Outdoor Unit

Model			GMV-VQ72WM/C-F(U)	GMV-VQ96WM/C-F(U)	GMV-VQ120WM/C-F(U)
Capacity Range		Ton	6	8	10
Nominal Capacity	Cooling	Btu/h	72000	96000	120000
	Heating	Btu/h	81000	108000	135000
Rated Capacity ①	Cooling	Btu/h	69000	92000	114000
	Heating	Btu/h	77000	103000	129000
Air Flow Volume		CFM	5738	6179	6532
		m ³ /h	9750	10500	11100
Power Supply		V/Ph/Hz	208/230V 3~60	208/230V 3~60	208/230V 3~60
MCA (Minimum Circuit Ampacity)		A	59.5	91.7	91.7
MOP (Maximum Overcurrent Protection)		A	60	100	100
Max. Number of Connectable IDUs		unit	13	16	19
Refrigerant Type		-	R410A	R410A	R410A
Refrigerant Charge Volume		LBS	25.57	25.79	25.79
		kg	11.6	11.7	11.7
Sound Pressure Level		dB(A)	58	60	62
Moisture Protection		-	IPX4	IPX4	IPX4
Compressor Quantity		set	1	2	2
Refrigerant Oil Model		-	FV68H	FV68H	FV68H
Refrigeration Oil Charge	Gross	L	6.1	7.2	7.2
	Compressor Charge	L	1.1	2.2	2.2
	Others	L	5	5	5
Connecting Pipe	Liquid Pipe	inch	Φ3/8	Φ3/8	Φ1/2
	High Pressure Gas Pipe	inch	Φ5/8	Φ3/4	Φ7/8
	Low Pressure Gas Pipe	inch	Φ3/4	Φ7/8	Φ1-1/8
Connecting Pipe	Liquid	mm	Φ9.52	Φ9.52	Φ12.7
	High Pressure Gas Pipe	mm	Φ15.9	Φ19.05	Φ22.2
	Low Pressure Gas Pipe	mm	Φ19.05	Φ22.2	Φ28.6
Dimension (W×H×D)	Outline	inch	52-3/4×30-1/2×66-1/2	52-3/4×30-1/2×66-1/2	52-3/4×30-1/2×66-1/2
	Package	inch	55-1/8×32-5/8×73	55-1/8×32-5/8×73	55-1/8×32-5/8×73
Dimension (W×H×D)	Outline	mm	1340×775×1690	1340×775×1690	1340×775×1690
	Package	mm	1400×830×1855	1400×830×1855	1400×830×1855
Net Weight/Gross Weight		LBS	750/783	882/915	882/915
Net Weight/Gross Weight		kg	340/355	400/415	400/415



Parameter of Mode Exchange Box

Model			NCHS1D(U)	NCHS2D(U)	NCHS4D(U)	NCHS8D(U)
Numbers of Branches		unit	1	2	4	8
Maximum Numbers of Connectable IDUs	Per Branch	unit	8	8	8	8
	Total	unit	8	16	32	64
Maximum Capacity of Connectable IDUs	Per Branch	Btu/h	54000	54000	54000	54000
	Total	Btu/h	54000	96000	154000	290000
Power Supply			208/230V~ 60Hz			
Piping Connections	ODU	Liquid Pipe	mm	Φ9.52	Φ9.52	Φ12.7
			inch	3/8	3/8	1/2
		High Pressure Gas Pipe	mm	Φ19.05	Φ19.05	Φ22.2
			inch	3/4	3/4	7/8
	IDU	Low Pressure Gas Pipe	mm	Φ22.2	Φ22.2	Φ28.6
			inch	7/8	7/8	9/8
		Liquid Pipe	mm	Φ6.35/9.52	Φ6.35/9.52	Φ6.35/9.52
			inch	1/4 / 3/8	1/4 / 3/8	1/4 / 3/8
	Gas Pipe	mm	Φ12.7/15.9	Φ12.7/15.9	Φ12.7/15.9	Φ12.7/15.9
		inch	1/2 / 5/8	1/2 / 5/8	1/2 / 5/8	1/2 / 5/8

Electrical Specifications of Outdoor Unit

Outdoor units	Power Supply (V/Ph/Hz)	Fuse Capacity (a)	Minimum Circuit Ampacity (A)	Maximum Overcurrent Protection (A)
GMV-VQ72WM/C-F(U)	208V/230V 3~ 60Hz	60	59.5	60
GMV-VQ96WM/C-F(U)	208V/230V 3~ 60Hz	100	91.7	100
GMV-VQ120WM/C-F(U)	208V/230V 3~ 60Hz	100	91.7	100

NOTES:

- Copper-core cable which complies with local regulations must be applied.
- According to on-site installation conditions, local regulations must be met.

Electrical Specifications of Mode Exchange Box

Model	Power Supply (V/Ph/Hz)	Fuse Capacity (a)	Minimum Circuit Ampacity (A)	Maximum Overcurrent Protection (A)
NCHS1D(U)	208V/230V 3~ 60Hz	15	10	15
NCHS2D(U)	208V/230V 3~ 60Hz	15	10	15
NCHS4D(U)	208V/230V 3~ 60Hz	15	10	15
NCHS8D(U)	208V/230V 3~ 60Hz	15	10	15

NOTES:

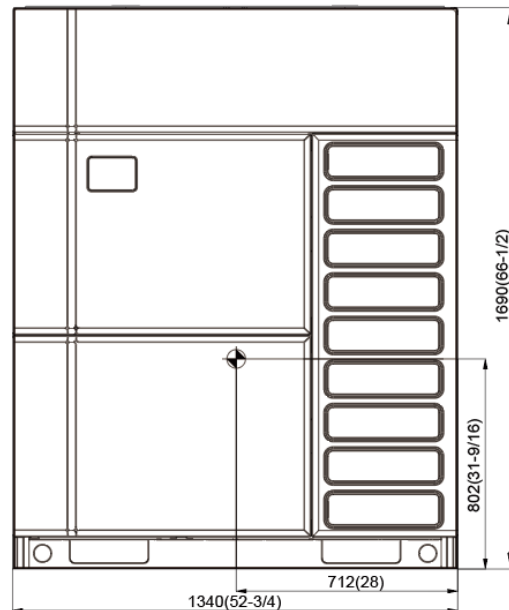
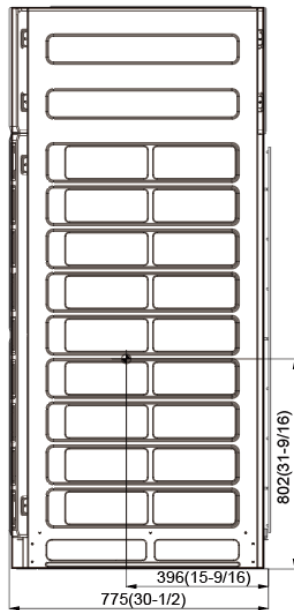
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- According to on-site installation conditions, local regulations must be met.



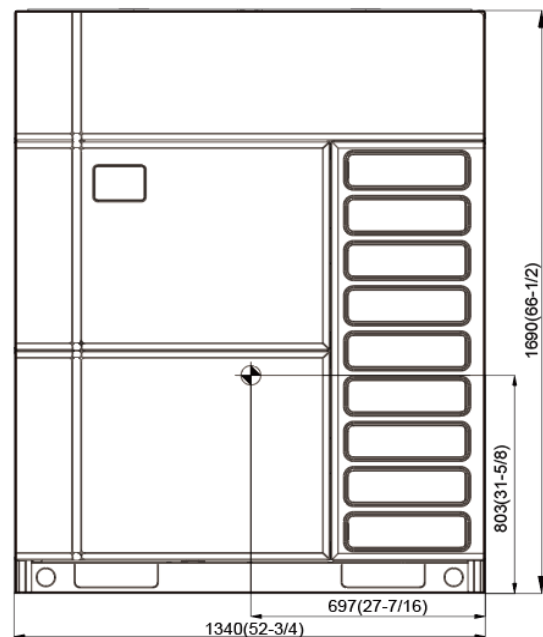
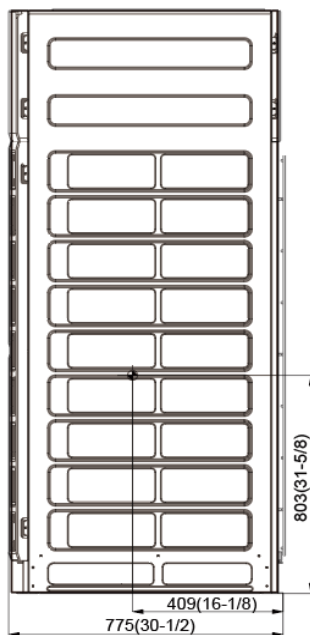
Dimension

Unit:mm(inch)

GMV-VQ72WM/C-F(U)



GMV-VQ96WM/C-F(U), GMV-VQ120WM/C-F(U)



Job Name:

Schedule Reference:

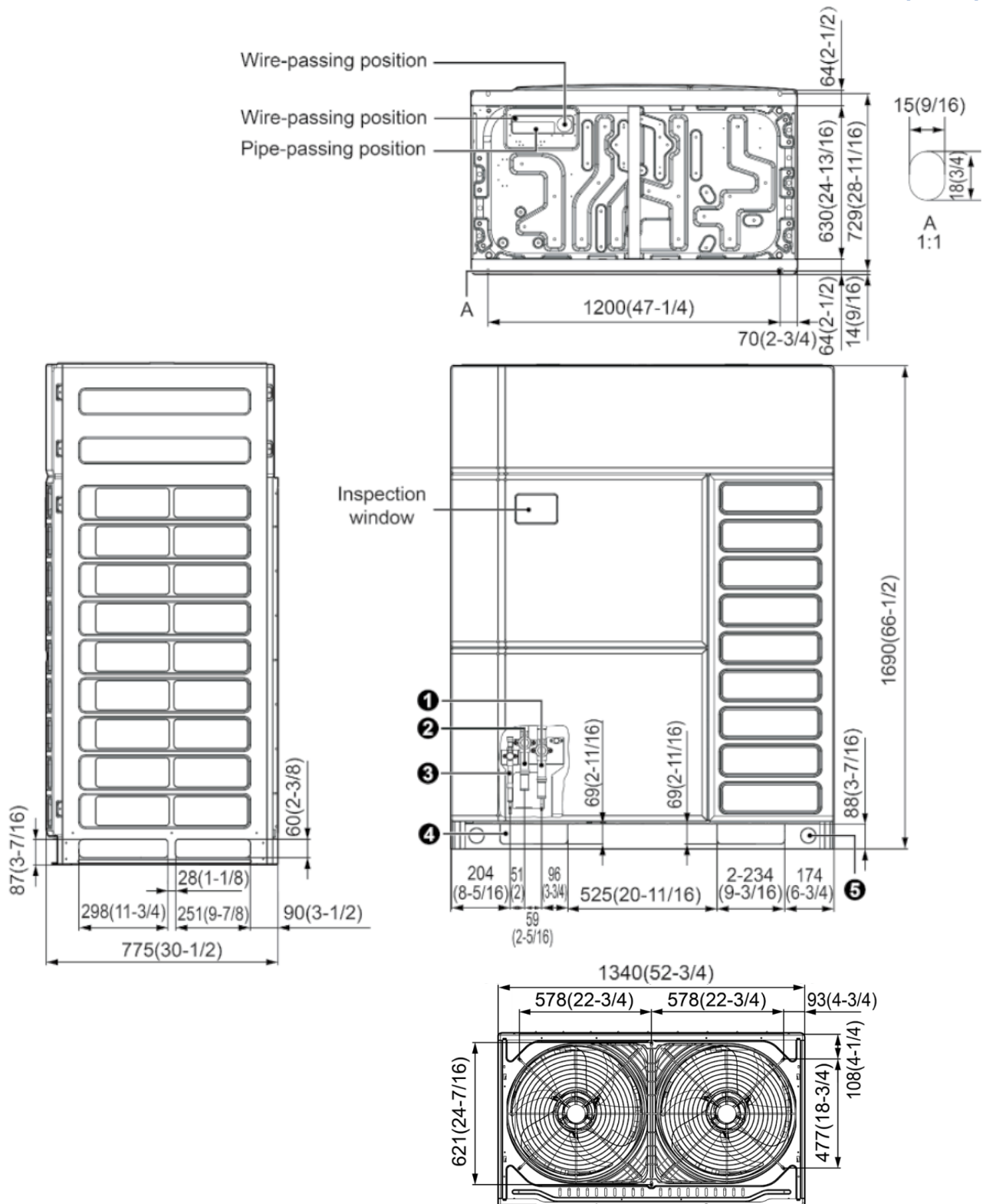
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Dimension and Installation Hole

Unit:mm(inch)



Job Name:

Schedule Reference:

Date:

Specification are subject to change without notice.

Installation Space

Unit:mm(inch)

