



Submittal

Split System Cooling

CC-VAH016-3PS1

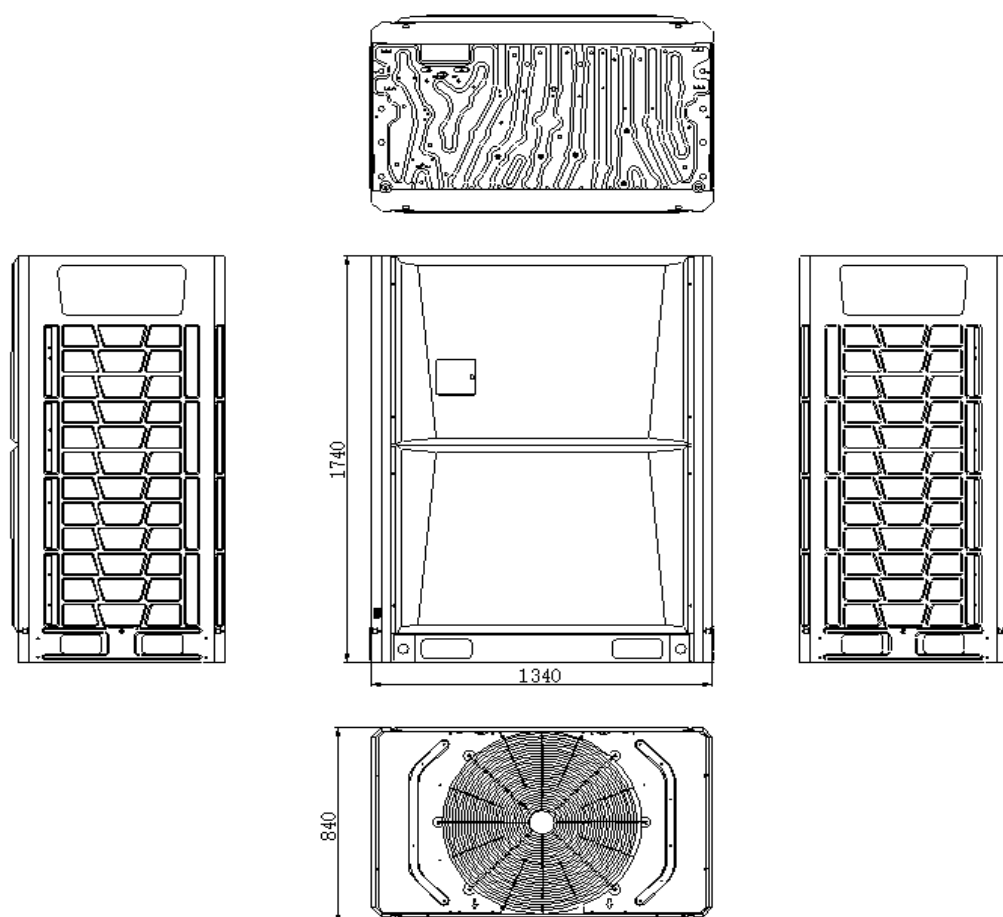
Location: _____
Engineer: _____
Submitted to: _____
Submitted by: _____
Reference: _____

Approval: _____
Date: _____
Construction: _____
Unit # : _____
Drawing # : _____



Note: "Graphics in this document are for representation only. Actual model may differ in appearance."

Unit dimension



	Dimension (mm)		
	W	H	D
CC-VAH008-3PS1	990	1740	840
CC-VAH010-3PS1	990	1740	840
CC-VAH012-3PS1	990	1740	840
CC-VAH014-3PS1	1340	1740	840
CC-VAH016-3PS1	1340	1740	840
CC-VAH018-3PS1	1340	1740	840
CC-VAH020-3PS1	1340	1740	840
CC-VAH022-3PS1	1340	1740	840
CC-VAH024-3PS1	1990	1740	840
CC-VAH026-3PS1	1990	1740	840
CC-VAH028-3PS1	1990	1740	840
CC-VAH030-3PS1	1990	1740	840
CC-VAH032-3PS1	1990	1740	840

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Specification

Comfortstar model			CC-VAH016-3PS1
Cooling	Capacity	HP	16HP
		kW	45
	Rated current	A	21.6
	EER	W/W	3.87
Heating	Capacity	kW	50
	Rated current	A	20.25
	COP	W/W	4.6
Max. input consumption		kW	18.8
Max. current		A	31.7
DC Inverter compressor	Quantity		1
	Type		Scroll Compressor
	Brand		HITACHI
	Running frequency range	Hz	30~390
	Rotate speed range	rps	10~130
	Crankcase heater	W	40
Fan motor	Type		DC
	Model		DR-310-920-8
	Insulation class		B
	Rated speed	rpm	920
	Power output	W	920
Fan blade	Type		Axial
	Air flow	m ³ /h	14000
Refrigerant	Type		R410a
	Volume	kg	14
	Throttle type		EXV
Dimension (W*H*D)	Net	mm	1340*1740*840
	Packing	mm	1410×1900×910
Weight	Net /Gross	kg	275/293
Outdoor sound level		dB(A)	61
Maximum operating pressure		MPa	4.5
Pipe size	Liquid pipe/Gas pipe	mm	Ø15.88/Ø28.6
Max. pipe length	Total pipe length	m	1000
	From OU to farthest IU(Actual length)	m	200
	From OU to farthest IU(Equivalent length)	m	240
	From 1st indoor distributor to farthest IU	m	40/90
Max. vertical length	Between OU & IU(OU above IU)	m	100
	Between OU & IU(OU below IU)	m	110
	Between IUs	m	40
	Between OUs	m	0
Cooling	Outdoor side/Indoor side	°C	-5~55/16~32
Heating	Outdoor side/Indoor side	°C	-30~30/16~32

ComfortStar®

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CC-VAH016-3PS1 11th April 2023
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