



Models / Modelos
V4VRFS_

V4 VRF Series

Technical Specifications / Especificaciones Técnicas

HP Model			14	16	18
Power supply			V4VRFS14	V4VRFS16	V4VRFS18
Cooling	V/Ph/Hz			220/3/60	
	Capacity	kW	40	45	50
		kBtu/h	136.5	153.5	170.6
	Power input	kW	11.3	13.25	14.79
	EER		3.54	3.4	3.38
Heating	IEER		21.2	20.4	20.2
	Capacity	kW	45	50	56
		kBtu/h	153.5	170.6	191.1
	Power input	kW	11.19	12.79	14.4
	COP		4.02	3.91	3.89
Connectable Indoor Unit	Total capacity		50~130% of outdoor unit capacity		
	Max. quantity		23	26	29
Compressor	Type		DC inverter		
	Model		E405DHD-36A2YG+E655DHD-65A2YG		
	Brand		Hitachi		
	Quantity		2		
	Crankcase heater	W	27.6×4		
	Refrigerant oil type		FVC68D		
	Refrigerant oil charge	ml(gal.)	500×2		
Fan motor	Type		DC motor		
	Model		WZDK560-38G(B)		
	Brand		Panasonic&Nidec		
	Quantity		2		
	Insulation class		E		
	Safe class		IPX4		
	Input	W	450×2		
	Output	W	360×2		
	Static pressure	Pa(in. W.G.)	0-20(0-0.08) (default)		
Fan	Material		Plastic		
	Type		Axial		
Outdoor coil	Quantity		2		
	Number of rows		2		
	Tube pitch(a)× row pitch(b)	mm(in.)	22×19(7/8×3/4)		
	Fin spacing	mm(in.)	1.6(1/16)		
	Fin type		Hydrophilic aluminum		
	Tube outside diameter	mm(in.)	Φ7.94(Φ5/16)		
	Tube type		Inner-grooved		
	Coil length × height	mm(in.)	2270×1232(89-3/8×48-1/2)		
	Number of circuits		22		
Refrigerant	Type		R410A		
	Factory charging	kg(lbs.)	13(29)	13(29)	16(35)
Pipe connections	Liquid pipe	mm(in.)	Φ15.9(Φ5/8)	Φ15.9(Φ5/8)	Φ19.1(Φ3/4)
	Gas pipe	mm(in.)	Φ31.8(Φ1-1/4)	Φ31.8(Φ1-1/4)	Φ31.8(Φ1-1/4)
	Oil balance pipe	mm(in.)	Φ6(Φ1/4)		
Design pressure(High/Low)	MPa		4.4/2.6		
	PSI		640/380		
Air flow rate	m³/h		15620	15620	15620
	Sound pressure level	dB(A)	61	62	62
Net dimension (W×H×D)	mm		1250×1615×765		
	inch		49-7/32×63-9/16×30-1/8		
Packing size (W×H×D)	mm		1305×1790×820		
	inch		51-3/8×70-15/32×32-9/32		
Net weight	kg(lbs.)		285(627)	288(634)	310(682)
	Gross weight	kg(lbs.)	305(671)	308(678)	330(726)
Operating temperature range			Cooling: -5-48(23~118.4); Heating: -20-24(-4~75.2)		

