

## 2-2-2 Outdoor Unit

### ■ RVXVHT075/100/125FE, RD075/100/125VHXFA

Model			RVXVHT075FE/RD075VHXFA		RVXVHT100FE/RD100VHXFA		RVXVHT125FE/RD125VHXFA		
Power Supply			Ø,V,Hz	3,208~230,60		3,208~230,60		3,208~230,60	
Mode <sup>*)</sup>			-	HP		HP		HP	
Performance	Horse Power		HP	7.5		10.0		12.5	
	Capacity	Cooling <sup>*)</sup>	kW	21.1		28.1		35.2	
			Btu/h	72,000		96,000		120,000	
		Heating <sup>*)</sup>	kW	23.7		31.7		39.6	
			Btu/h	81,000		108,000		135,000	
Power	Nominal input	Cooling	kW	5.50		7.50		10.70	
		Heating	kW	5.15		7.08		10.09	
	Circuit Breaker (MC CB/ELB)	A	40		50		60		
COP	Cooling	-	3.84		3.75		3.29		
	Heating	-	4.61		4.47		3.92		
Compressor	Model		-	ZPJ72KCE-TF5-496	ZPI61KCE-TF5-496	ZPJ72KCE-TF5-496	ZPI61KCE-TF5-496	ZPJ83KCE-TF5-496	ZPI83KCE-TF5-496
	Type		-	Digital Scroll	Fixed Scroll	Digital Scroll	Fixed Scroll	Digital Scroll	Fixed Scroll
	Number		EA	1	1	1	1	1	1
	Piston Displacement		cc/Rev	67.1	58.1	67.1	58.1	77.2	77.2
	Output		kW	6.94	5.83	6.94	5.83	8.01	8.01
	Lubricant	Type	-	3MAF POE		3MAF POE		3MAF POE	
		Charging	cc	1,685	1,685	1,685	1,685	1,685	1,685
Fan	Type/Control		-	Propeller/BLDC		Propeller/BLDC		Propeller/BLDC	
	Motor Output		W	630		630		630	
	Airflow Rate		m <sup>3</sup> /min	170		170		180	
			CFM	6,004		6,004		6,357	
	External Static Pressure	Max.	mmAq	8		8		8	
Pa			78.5		78.5		78.5		
Safety Devices	Mechanical Type		-	High Pressure Switch		High Pressure Switch		High Pressure Switch	
			-	Crank Case Heater		Crank Case Heater		Crank Case Heater	
			-	Fuse for PCB		Fuse for PCB		Fuse for PCB	
	Electronic Type		-	Over Voltage Protection		Over Voltage Protection		Over Voltage Protection	
			-	Current Transformer		Current Transformer		Current Transformer	
			-	Fan Over Heat/Current Protector		Fan Over Heat/Current Protector		Fan Over Heat/Current Protector	
Piping Connections	Liquid		Ø,mm	9.52		9.52		12.70	
			Ø,inch	3/8"		3/8"		1/2"	
	Gas		Ø,mm	19.05		22.23		28.58	
			Ø,inch	3/4"		7/8"		1 1/8"	
	Oil (Flare)		Ø,mm	-		-		-	
			Ø,inch	-		-		-	
	Installation Limitation	Max. Length	m	200		200		200	
			ft	656		656		656	
Max. Height		m	50		50		50		
		ft	164		164		164		
Refrigerant	Type	-	R410A		R410A		R410A		
	Factory Charging	kg	6.5		7.5		9.0		
		lbs	14.4		16.5		19.8		
Sound <sup>*)</sup>	Sound Pressure	dB(A)	57		58		60		
Set Size	Net Weight		kg	240		240		280	
			lbs	529		529		617	
	Shipping Weight		kg	253		253		297	
			lbs	558		558		655	
	Net Dimensions (WxHxD)		mm	880x1,723x765		880x1,723x765		1,200x1,723x765	
			inch	34.6x67.8x30.1		34.6x67.8x30.1		47.2x67.8x30.1	
	Shipping Dimensions (WxHxD)		mm	948x1,888x832		948x1,888x832		1,268x1,888x832	
			inch	37.3x74.3x32.8		37.3x74.3x32.8		50x74.3x32.8	

## Outdoor Unit(cont.)

### RVXVHT075/100/125FE(cont.)

Model		RVXVHT075FE/RD075VHXFA	RVXVHT100FE/RD100VHXFA	RVXVHT125FE/RD125VHXFA
Operating Temp. Range	Cooling	°C	-5 ~ 43	-5 ~ 43
		°F	23~109	23~109
	Heating	°C	-20 ~ 24	-20 ~ 24
		°F	-4~75	-4~75
Standard Accessories		-	Installation Manual	Installation Manual
		-	Drain Plug	Drain Plug



- \*1) Mode  
- HP : Heat Pump
- \*2) Nominal cooling capacities are based on;  
- Indoor temperature : 81°F/27°C DB, 66°F/19°C WB  
- Outdoor temperature : 95°F/35°C DB, 75°F/24°C WB
- \*3) Nominal heating capacities are based on;  
- Indoor temperature : 70°F/20°C DB, 60°F/15°C WB  
- Outdoor temperature : 47°F/7°C DB, 43°F/6°C WB
- \*4) Sound pressure was acquired in a dead room. Thus actual noise level may be different depending on the installation conditions.
- \*5) Specifications may be subject to change without prior notice for product improvement.