



Sharkaire Technical Specifications				
Model		KFR-12CHSA		
Type		Heating Pump		
Control type		remote		
Power supply		220V~/60Hz/1P		
Rated cooling capacity	Btu/h	12000		
Rated Heating capacity	Btu/h	12500		
SEER	Btu/W.h	14.0		
HSPF Rating (Region IV)	Btu/W.h	8.1		
HSPF Rating (Region VI)	Btu/W.h	7.0		
EER	Btu/W.h;W/W	10.9/3.2		
COP	W/W	3.6		
Rated current	Cooling	A	9.5	
	Heating	A	9.0	
Rated input	Cooling	W	1300	
	Heating	W	1100	
Moisture removal		Liters/h	1.0	
Indoor noise level at cooling	High	dB(A)	42	
	Med.	dB(A)	40	
	Low	dB(A)	38	
Outdoor noise level		dB(A)	52	
Connecting Pipe	Gas	Inches	3/8"	
	Liquid	Inches	1/4"	
Connecting Wiring	Size x Core number		3x2.5;2x0.75	
Suitable area		m ²		
Net dimensions (W x H x D)	Indoor	mm	770x240x180	
	Outdoor	mm	700x552x256	
Net weight	Indoor	kg	11	
	Outdoor	kg	34	
Packing dimensions (W x H x D)	Indoor	mm	855x305x255	
	Outdoor	mm	803x598x380	
Gross weight	Indoor	kg	14	
	Outdoor	kg	37	
*** Indoor Unit ***				
Motor Brand				
Motor Power Output		W	12W	
Motor	Cooling	RPM	1270/1170/1000	



	Motor Rotating Speed RPM	Cooling	RPM	1270/1170 /1000
		heating	RPM	1250/1150 /1000
		Dry	RPM	1000
		Sleep	RPM	1000
	Indoor fan type			Cross Flow
	Indoor air circulation/Hi	m3/h		730/800
	Length of Blower	mm		710
	Diameter of Blower	mm		94
	Pieces of Fan Blade of Blower			
	Length of Evaporator	(mm)		705
	Hight of Evaporator	(mm)		315
	Width of Evaporator	(mm)		25.4
	Rows/Pieces of Copper Tube			2/15
	Tube Type			Triangular inner groove
	Tube Diameter OD mm	mm		7
	Pieces of Fin Per Inch			18
	Fin type			Slit Fin
*** Outdoor Unit ***				
	Compressor Brand			TOSHIBA
	Motor Brand			
	Motor Power Output W	W		31
	Motor Rotating Speed RPM	RPM		860
	Outdoor fan type			Propeller fan
	Diameter of Fan	mm		408
	Pieces of Fan Blade			3
	Pieces of Fin Per Inch			17
	Fin Type			Slit Fin
	Rows/Pieces of Copper Tube			2/24
	Tube Type			Triangular inner groove
	Tube Diameter OD	mm		7
	Length of Condensor	mm		708
	Hight of Condensor	mm		510
	Width of Condensor	mm		25.4
	Controlling Refrigerant			R410A