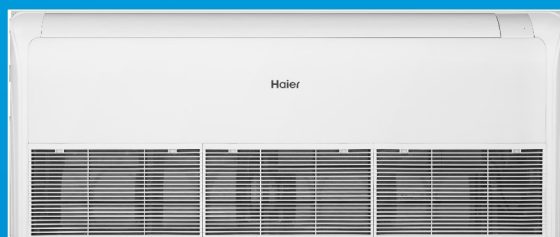


High
efficiency

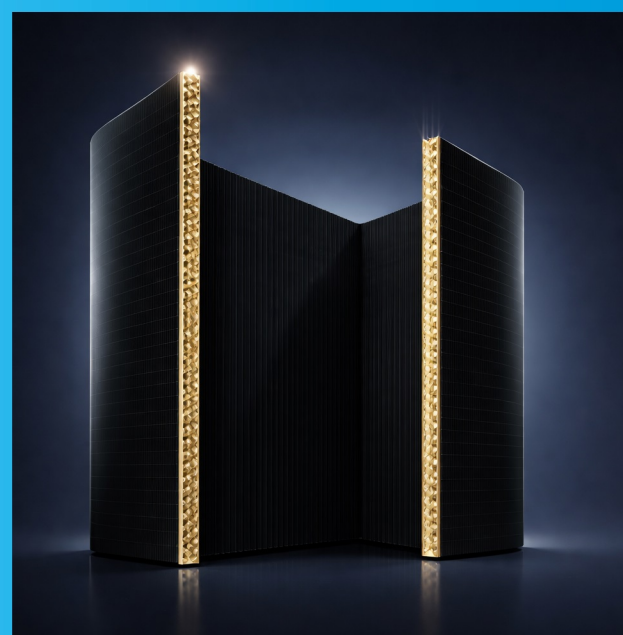


Product Data			Unit	HCSI-24XSR32F / 1U-24S1R32XC	HCSI-38XTR32F / 1U-38T3R32XC	HCFI-24XSR32F / 1U-24S1R32XC	HCFI-38XTR32F / 1U-38T3R32XC				
Rated Cooling	Capacity		kW	7.1(2.6-8.8)	11.3(3.6-13.1)	7.1(2.6-8.8)	11.3(3.6-13.1)				
	Capacity		Btu/h	24,000.00(9,900.00~30,000.00)	38,000.00(12,300.00~44,700.00)	24,000.00(9,900.00~30,000.00)	38,000.00(12,300.00~44,700.00)				
	Power Input		kW	1.73(0.50~2.70)	2.97(0.83~3.60)	1.73(0.50~2.66)	2.97(0.83~3.52)				
	Current		A	7.93(2.32~12.20)	5.02(1.70~6.55)	7.93(2.32~12.17)	5.02(1.70~6.46)				
	SEER		/	25.86	21.70	25.69	22.38				
	Energy Efficiency Level		/	5 ★★★★★	5 ★★★★★	5 ★★★★★	5 ★★★★★				
Minimum Circuit Amps(MCA)			A	11.16	8.50	11.16	8.50				
Maximum Fuse Amps(MFA)			A	20	16	20	16				
Indoor Unit				HCSI-24XSR32F	HCSI-38XTR32F	HCFI-24XSR32F	HCFI-38XTR32F				
Power Supply			Ph/V/Hz	Outdoor Unit Power Supply	Outdoor Unit Power Supply	Outdoor Unit Power Supply	Outdoor Unit Power Supply				
Heat Exchanger	Fin Material		/	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum	Hydrophilic Aluminum				
	Tube OD. Diameter		mm	Ø7	Ø7	Ø7	Ø7				
	Number of Tubes		/	12	12	14	14				
	Tube Type		/	Inner Grooved	Inner Grooved	Inner Grooved	Inner Grooved				
	Tube Material		/	Copper	Copper	Copper	Copper				
Fan	Fan Type		/	Centrifugal Fan	Centrifugal Fan	Cross Flow Fan	Cross Flow Fan				
	Fan Blade Material		/	ABS	ABS						
	Number of Fans		/	1	1	4	4				
	Fan OD. Diameter		mm	Ø476	Ø476	Ø154	Ø154				
	Number of Fan Blades		/	7	7	41	41				
Fan Motor	Type		/	DC	DC	DC	DC				
Airflow Rate (SH/H/ML/Q)	Cooling Mode	m³/h	1620/1550/1360/1210/960		2090/1720/1525/1390/1080		1450/1320/1210/1050/935		1870/1600/1380/1275/1030		
		CFM	959/917/805/716/568		1244/1024/908/827/643		858/781/716/621/553		1113/952/821/759/613		
	Fan Mode	m³/h	1850/1750/1600/1350/1070		2185/1860/1520/1410/1135		1550/1430/1340/1160/1050		2200/1800/1600/1420/1155		
		CFM	1095/1036/947/799/633		1300/1107/905/839/676		917/846/793/686/621		1310/1071/952/845/688		
Sound Power Level(SH/H/ML/Q)			dB	60/59/56/53/48		66.5/61/58.5/57/52		59/57/55/53/50		66/61/58/56/51	
Sound Pressure Level(SH/H/ML/Q)			dB(A)	44/43/40/37/32		50.5/45/42.5/41/36		43/41/39/37/34		50/45/42/40/35	
Dimension	Net Dimension(W*D*H)		mm	840*840*288		840*840*288		1650*230*680		1650*230*680	
	Package Dimension(W*D*H)		mm	978*978*353		978*978*353		1750*305*779		1750*305*779	
Net/Gross Weight			kg	28/31		29/32		43/51		43/51	
Air Filter Material			/	PS+PM2.5		PS+PM2.5		PET+PM2.5		PET+PM2.5	
Merv Level			/	Merv 1 + Merv 14		Merv 1 + Merv 14		Merv 1 + Merv 14		Merv 1 + Merv 14	
Fresh Air Hole Dimension(W*D/Diameter)			mm	Ø70		Ø70		Ø124		Ø124	
Drainage Pipe (Material, Dimension)			mm	PVC DN18		PVC DN18		PVC DN20		PVC DN20	
Pump Head			mm	1200		1200		/		/	
Housing Insulation Thickness (Foam + Pad)			mm	16 + 3		16 + 3		/		/	
Controller(Standard)			/	YL-HQS01		YL-HQS01		YL-HQS01		YL-HQS01	
WIFI Module (Standard)			/	HI-WA101DEI		HI-WA101DEI		HI-WA101DEI		HI-WA101DEI	
Panel	Panel Model(Standard)		/	PB-950QB(White)		PB-950QB(White)		/		/	
	Net Dimension(W*D*H)		mm	950*950*50		950*950*50		/		/	
	Package Dimension(W*D*H)		mm	1000*1000*110		1000*1000*110		/		/	
	Net/Gross Weight		kg	6.5/9		6.5/9		/		/	



OUTDOOR

 **High Efficiency**



Outdoor Heat Exchanger
α Alpha Black

**High Corrosion-Resistant
Hydrophilic Aluminum**

Outdoor Unit			1U-24S1R32XC	1U-38T3R32XC
Power Supply		Ph/V/Hz	1/220/50	3/380/50
Outdoor Heat Exchanger	Fin Material	/	Black High Corrosion-Resistant Hydrophilic Aluminum	Black High Corrosion-Resistant Hydrophilic Aluminum
	Tube Type	/	Inner Grooved	Inner Grooved
	Tube Material	/	Copper	Copper
	Dimension(W*D*H)	mm	714*54.6*936	798*54.6*1122
	Number of Circuits (In/Out)	/	3	6
	Coating Tube of ODU	/	√	√
Compressor	Quantity	/	1	1
	Type	/	Twin Rotary	Twin Rotary
	Capacity	W/h	4640	6800
	Input	W	1055	1540
	Rated Load Amps(RLA)	A	8.15	5.80
	Crankcase Heater Power	W	No	No
	Chassis Electric Heater Power	W	No	No
	Compressor Oil Charge	ml	440±20	770±20
	Compressor Oil Model	/	HAF68D1C	ACS-68R
Outdoor Fan	Starting Method	/	Soft Start	Soft Start
	Fan Type	/	Axial Fan	Axial Fan
	Number of Fans	/	1	1
	Fan OD. Diameter	mm	Ø550	Ø640
	Number of Fan Blades	/	3	3
Outdoor Fan Motor	Fan Blade Material	/	AS+20%GF	ABS+20%GF
	Type	/	DC	DC
	Full Load Amps(FLA)	A	0.42	0.95
	Max. Fan Speed	rpm	900	700
	IP Class	/	IP44	IP44
Max. Outdoor Airflow Rate		m³/h	4000	7500
		CFM	2353	4412
Max. Outdoor Sound Power Level		dB	69	71
Max. Outdoor Sound Pressure Level		dB(A)	53	55
Electrical Control Box IP Class (Unit)		/	IP44	IP44
Outdoor Dimension	Net Dimension(W*D*H)	mm	920*372*765	1050*400*840
	Package Dimension(W*D*H)	mm	1023*465*825	1095*505*840
Outdoor Net/Gross Weight		kg	55/58	73/87
Drain Hole Size		mm	Ø26	Ø26
Casing Color		/	Light Grey	Light Grey
Package Type		/	Box Cover & Foam Wedge	Box Cover & Wood Pallet
Refrigerant	Type	/	R32	R32
	GWP	/	675	675
	Default Refrigerant Charge	kg	1.7	2.4
	Control Method	/	Electronic Expansion Valve	Electronic Expansion Valve
Refrigerant Pipe	Liquid Pipe OD. Diameter (Connection Method)	mm	Ø9.52(Flared)	Ø9.52(Flared)
	Gas Pipe OD. Diameter (Connection Method)	mm	Ø15.88(Flared)	Ø15.88(Flared)
	Max. Single Way Pipe Length between Indoor and Outdoor Unit	m	50	50
	Max. Height Difference between Indoor and Outdoor Unit	m	30	30
	Min. Single Way Pipe Length between Indoor and Outdoor Unit	m	5	5
	Max. Pipe Length without Charging Refrigerant	m	30	30
	Additional Refrigerant Charging Amount	g/m	20	35
Working Temperature		Cooling(Min.~Max.)	°C DB	18~43

※ 1 Rated condition:

Indoor temperature(cooling): 27°C DB/19°C WB, Outdoor temperature(cooling): 35°CDB/24°CWB.
The data is measured with 5m equivalent pipe and 0m height difference.

※ 2 Indoor and outdoor communication cable:

If communication cable length ≤40m, communication cable: 2.5mm².

If 40m <the communication cable length ≤55m, communication cable: 4mm².