

HYUNDAI

Indoor Model HYUNDAI 4 WAY CASSETTE		HCA3U-12HRFNX(GA)		HCA3U-18HRFNX(GA)		HCD1-24HRFNX(GA)		HCD1-36HRFN8(GA)		HCD1-48HRFNX(GA)		HCD1-55HRFNX(GA)	
Outdoor Model HYUNDAI		HOX230-12HRFN-Q(GA)		HOX330U-18HRFN-Q(GA)		HOX430U-24HRFN-Q(GA)		HOD30U-36HRFN-Q(GA)		HOE30U-48HRFN-R(GA)		HOE30U-55HRFN-R(GA)	
Average	Pdesignnc	kW	3.5	5.8	7.0	10.5	14.0	15.3	Average	Pdesignnc	kW	3.5	5.8
	SEER	W/W	6.6	6.3	6.2	6.7	6.1	6.3					
	Energy Efficiency Class		A++	A++	A++	A++	A++	A++					
	Seasonal space cooling energy efficiency (η _{s,c})	%	—	—	—	—	241	241					
	Pdesignh	kW	2.7	4.2	6.0	8.5	11.0	11.9					
	SCOP	W/W	4.1	4.0	4.0	4.0	4.0	4.0					
	Energy Efficiency Class		A+	A+	A+	A+	A+	A+					
Warmer	Seasonal space heating energy efficiency (η _{s,h})	%	—	—	—	—	157	157	Warmer	Tbv	°C	-7	-7
	Tbv	°C	-7	-7	-7	-7	-7	-10					
	Pdesignh	kW	3.3	5.4	6.3	10.1	12	12.5					
	SCOP	W/W	5.1	4.8	5.1	5.1	5.0	5.1					
	Energy Efficiency Class		A+++	A++	A+++	A+++	A++	A+++					
	Tbv	°C	2	2	2	2	2	2					
	Tol	°C	-15	-15	-15	-15	-15	-15					
Power supply (Indoor)	V,Hz,Ph	220-240V,1Ph, 50Hz		220-240V,1Ph, 50Hz		220-240V,1Ph, 50Hz		220-240V,1Ph, 50Hz		220-240V,1Ph, 50Hz		220-240V,1Ph, 50Hz	
Power supply (Outdoor)	V,Hz,Ph	220-240V,1Ph, 50Hz		220-240V,1Ph, 50Hz		220-240V,1Ph, 50Hz		220-240V,1Ph, 50Hz		380-415V,3Ph, 50Hz		380-415V,3Ph, 50Hz	
Cooling	Capacity	Btu/h	12000 (2897~14020)	18000 (9900~19064)	24000 (11263~27000)	36000 (9200~39000)	48000 (12000~54000)	53000 (14000~57000)	Cooling	Capacity	kW	3.52(0.85~4.11)	5.28 (2.90~5.59)
	Capacity	kW	3.52(0.85~4.11)	5.28 (2.90~5.59)	7.03 (3.30~7.91)	10.55 (2.70~11.43)	14.07(3.52~15.83)	15.24 (4.10~16.71)					
	Input	W	1010 (168~1434)	1633 (720~2088)	2320 (780~2748)	3950 (900~4200)	4650 (800~5900)	5000 (980~6200)					
	Current	A	4.45 (1.32~6.31)	7.2 (3.2~9.2)	10.2 (4.2~12)	17.5 (4.2~18.5)	8.1 (1.8~10.2)	8.6 (2.1~10.7)					
Heating	Capacity	Btu/h	13000 (1604~14705)	19000 (8100~20800)	26000 (9577~30500)	38000 (9500~42000)	55000 (14000~59000)	62000 (15000~68000)	Heating	Capacity	kW	3.81(0.47~4.31)	5.57 (2.37~6.10)
	Capacity	kW	3.81(0.47~4.31)	5.57 (2.37~6.10)	7.62 (2.81~8.94)	11.14(2.78~12.30)	16.12(4.10~17.29)	18.17 (4.40~19.93)					
	Input	W	1019 (124~1376)	1540 (700~1930)	1900 (610~2700)	3000 (800~3950)	4580 (900~5500)	5550 (1020~6700)					
	Current	A	4.73 (1.04~6.07)	6.8 (3.1~8.5)	8.5 (3.6~12.1)	13.5 (3.5~17.5)	8.0 (1.9~9.5)	9.6 (2.1~10.7)					
Indoor fan motor	Model		ZKFP-46-8-1	ZKFP-46-8-1	ZKFN-45-8-1	ZKFN-125-8-1	ZKFN-125-8-1	ZKFN-125-8-1	Indoor fan motor	Model		ZKFP-46-8-1	ZKFP-46-8-1
	OldModel		WZDK46-38G	WZDK46-38G	ZKFN-45-8-1	ZKFN-125-8-1	ZKFN-125-8-1	ZKFN-125-8-1					
	Qty		1	1	1	1	1	1					
	Input	w	45	45	45	157	157	157					
Indoor coil	Capacitor	uF	/	/	/	/	17	17	Indoor coil	Capacitor	uF	/	/
	Speed(ft/min/lt)		700/600/500	752/664/576	608/552/496	700/630/570	712/648/584	736/672/608					
	a.Number of rows		2.0	2.0	2	3.0	3.0	3.0					
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37	21x13.37					
	c.Fin spacing	mm	1.3	1.3	1.3	1.3	1.3	1.3					
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum					
	e.Tube outside dia and type	mm	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube	Φ7,Inner groove tube					
	f.Coil length x height x width	mm	1300x210x26.74+1360x210x26.74	1360x210x26.74	2155x168x26.74	655'655'252	655'655'252	655'655'252					
	g.Number of circuits		4	4	4	10	10	10					
Indoor air flow (Hi/M/Lo)	m ³ /h	620/510/420	720/620/500	1300/1140/1000	1700/1550/1380	1970/1780/1580	2000/1850/1650						
Indoor sound pressure level (Hi)	dB(A)	41/36/33/25.5	43/39/35.5/29	45/42/35/39.5/27	50/47/54/45/39	51/48/54/6/53/7.5	53/50/55/48/40						
Indoor sound power level (Hi)	dB(A)	56	57	57	63	65	65						
Outdoor sound power level (Hi)	dB(A)	60	63	67	70	73	73						
Indoor unit	Dimension (W x Dx H)(body)	mm	570x570x260	570x570x260	830x830x205	830x830x245	830x830x287	830x830x287	Indoor unit	Dimension (W x Dx H)(panel)	mm	647x647x50	647x647x50
	Packing (W x Dx H)(body)	mm	662x662x317	662x662x317	910x910x250	910x910x290	910x910x330	910x910x330					
	Dimension (W x Dx H)(panel)	mm	647x647x50	647x647x50	950x950x55	950x950x55	950x950x55	950x950x55					
	Packing (W x Dx H)(panel)	mm	715x715x123	715x715x123	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90					
	Net/Gross weight(body)	kg	16.3/20.4	16/20.6	21.6/25.4	27.2/31.2	29.3/33.5	29.3/33.5					
Net/Gross weight	kg	2/5/4.5	2/5/4.5	6/9	6/9	6/9	6/9						
Design pressure	MPa	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7	4.3/1.7						
Drainage water pipe dia.	mm	ODφ25mm	ODφ25mm	ODφ25mm	ODφ25mm	ODφ25mm	ODφ25mm						
Refrigerant piping	Liquid side/ Gas side	mm	6.35mm(1/4in)/9.52mm(3/8in)	6.35mm(1/4in)/12.7mm(1/2in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)	9.52mm(3/8in)/15.9mm(5/8in)					
Controller	Stand ar		Remote Control	Remote Control	Remote Control	Remote Control	Remote Control						
Operation temperature	°C	16~30	16~30	16~30	16~30	16~30	16~30						
Room temperature	Cooling	°C	16~32	16~32	16~32	16~32	16~32						
Heating	°C	0~30	0~30	0~30	0~30	0~30	0~30						
Qty per 20' /40' /40'HQ			234/488/566	186/375/429	108/234/260	96/208/234	84/182/208	84/182/208					