

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			HOX230-12HFN8-Q(GA)	HOX330U-18HFN8-Q(GA)	HOX430U-24HFN8-Q(GA)	HOD30U-36HFN8-Q(GA)	HOE30U-48HFN8-R(GA)	HOE30U-55HFN8-R(GA)
Average	Pdesignnc	kW	3.5	5.3	7.0	10.5	14.0	15.3
	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
	Pdesignnh	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+
	Seasonal space heating energy efficiency (η _{s,h})	%	—	—	—	—	157	157
Warmer	Tbiv	°C	-7	-7	-7	-7	-7	-10
	Pdesignnh	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+++
	Tbiv	°C	2	2	2	2	2	2
Tol			°C	-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
Power supply (Outdoor)			V,Hz, Ph	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)
	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)
	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	ZKFN-46-8-1	ZKFN-45-8-1	ZKFN-125-8-1	ZKFN-125-8-1	ZKFN-125-8-1
	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	7	157	157	157
Indoor coil	Capacitor	uF	—	—	—	—	—	—
	Speed(h/min/ilo)	r/min	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/Mi/Lo)	m3/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	45/44.2/39.5/27	50/47/54/45.3/39	51/48/54/51.5/37.5
Indoor sound power level (Hi)			dB(A)	56	57	57	63	65
Outdoor sound power level (Hi)			dB(A)	60	63	67	70	73
Indoor unit	Dimension (W x Dx H)(body)	mm	570x570x260	570x570x260	830x830x205	830x830x245	830x830x287	830x830x287
	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
Drainage water pipe dia.			mm	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)
Controller			Stand ard	Remote Control	Remote Control	Remote Control	Remote Control	Remote Control
Operation temperature			°C	16~30	16~30	16~30	16~30	16~30
Room temperature			°C	16~32	16~32	16~32	16~32	16~32
Heating			°C	0~30	0~30	0~30	0~30	0~30
Qty per 20' 140' 140'HQ				234/488/566	186/375/429	108/234/260	96/208/234	84/182/208