



Indoor model		MDCD-24HRN1	MDCD-36HRN1	MDCD-48HRN1	MDCD-60HRN1	
Outdoor model		MOU-24HN1-Q	MOU-36HN1-R	MOU-48HN1-R	MOUA-60HN1-R	
Power supply	V-ph-Hz	220~240-1-50	380-415-3-50	380-415-3-50	380-415-3-50	
Cooling	Capacity	Btu/h	24000	36000	48000	55000
	Input	W	2600	3982	5191	6272
	Current	A	11.9	7	9.2	11
	EER	W/W	2.71	2.65	2.71	2.57
Heating	Capacity	Btu/h	26400	40000	52000	61000
	Input	W	2450	3607	4763	5843
	Current	A	11.2	6.4	8.5	10.3
	COP	W/W	3.16	3.25	3.2	3.06
Indoor fan motor	Model		YDK42-6E	YDK125-6E	YDK125-6E	YDK125-6E
	Qty		1	1	1	1
	Input	w	91/80/70	174/145/121	209/145/121	209/145/121
	Capacitor	uF	3.5UF/450V	5UF/450V	5UF/450V	5UF/450V
	Speed(hi/mi/lo)	r/min	580/510/430	690/610/540	775/610/540	775/610/540
Indoor coil	a.Number of rows		2	2	3	3
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	c.Fin spacing	mm	1,4	1,4	1,4	1,4
	d.Fin type (code)		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
	e.Tube outside dia.and type	mm	Φ7,Inner grooved tube	Φ7,Inner grooved tube	Φ7,Inner grooved tube	Φ7,Inner grooved tube
	f.Coil length x height x width	mm	2010x168x26.76	2010x210x26.76	2080x210x40.11	2080x252x40.11
	g.Number of circuits		8	10	10	12
Indoor air flow (Hi/Med/Lo)	m ³ /h	1200/1050/900	1800/1600/1400	1900/1600/1400	2000/1700/1500	
Sound level (sound pressure)	dB(A)	48/46/41	51/47/43	53/48/44	53/48/44	
Throttle type		/	/	/	/	
Indoor unit	Dimension (W x Dx H)(body)	mm	840x840x205	840x840x245	840x840x245	840x840x287
	Packing (W x Dx H)(body)	mm	900x900x225	900x900x265	900x900x265	900x900x292
	Dimension (W x Dx H)(panel)	mm	950x950x55	950x950x55	950x950x55	950x950x55
	Packing (W x Dx H)(panel)	mm	1035x1035x90	1035x1035x90	1035x1035x90	1035x1035x90
	Net/Gross weight(body)	kg	23/27	25/28.5	27/32	29/34
Net/Gross weight(panel)	kg	5/8	5/8	5/8	5/8	
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Drainage water pipe dia.	mm	ODΦ32	ODΦ32	ODΦ32	ODΦ32	
Refrigerant piping	Liquid side/ Gas side	mm	Φ9.52/Φ15.9(3/8"/5/8")	Φ12.7/Φ19(1/2"/3/4")	Φ12.7/Φ19(1/2"/3/4")	Φ12.7/Φ19(1/2"/3/4")
Operation temperature	°C	17~30	17~30	17~30	17~30	
Room temperature	Cooling	°C	17~32	17~32	17~32	17~32
	Heating	°C	0~30	0~30	0~30	0~30