



UNDER CEILING

FIXED SPEED



FLEXIBLE
INSTALLATION



LOW NOISE



TWO-DIRECTIONAL
AUTO SWING



WIDE ANGLE
AIR FLOW

UNDERCEILING FIXED SPEED

Indoor Model		MUE-24HRN1-Q	MUE-36HRN1-Q	MUE-36HRN1-R	MUE-48HRN1-R	MUE-60HRN1-R
Factory Indoor Code		22022711001237	22022711002116	22022711002156	22022711000384	22022711000584
Outdoor Model		MOU-24HN1-Q	MOU-36HN1-Q	MOU-36HN1-R	MOU-48HN1-R	MOUA-60HN1-R
Factory Outdoor Code		22022716000675	22023016001791	22023016002311	22023016000109	22022716000119
Power supply (outdoor)		V-ph-Hz	220-240-1-50	220-240-1-50	380-415V, 3Ph, 50Hz	380-415-3-50
Cooling	Capacity	Btu/h	24000	36000	36000	48000
	Input	W	2630	3795,322476	3600	5060
	Current	A	12.62	17.3	6.0	8.4
	EER	W/W	2,674523823	2,78	2.93	2,78
Heating	Capacity	Btu/h	26000	36000	36000	52000
	Input	W	2450	3850	3650	5063
	Current	A	11,76	18.5	6.1	8.6
	COP	W/W	3,110271072	2,74	2.89	3,01
Indoor fan motor	Model		YKSS-55-4-27-1	YKSS-125-4-5	YKSS-125-4-5	YKSS-125-4-5
	Old Model		YSK55-4L	YSK125-4C	YSK125-4C	YSK125-4C
	Qty		1	1	1	1
	Input	W	125/105/85	148/131/122	148.0	148/131/122
Indoor coil	Capacitor	uF	2.5UF/450V	4.5	4.5	4.5uF/450V-P0
	Speed (Hi/Med/Lo)	r/min	1310/1190/1040	1370/1300/1225	1370/1300/1225	1370/1300/1225
	Number of rows		2	2	2	3
	Tube pitch(a)x row pitch(b)	mm	21x13.37	21x13.37	21x13.37	21x13.37
	Fin spacing	mm	1,3	1,3	1,3	1,3
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
Indoor air flow (Hi/Med/Lo)	Tube outside dia.and type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,inner groove tube	Φ7,innergroove tube
	Coil length x height x width	mm	795x294x26.74	935x294x26.74	935x294x26.74	1010x294x40.11
	Number of circuits		6	6	6	9
	Indoor noise level (sound pressure)(Hi/Med/Lo)	m ³ /h	1250/1050/900	1819/1536/1331	1819/1536/1331	1750/1400/1250
Indoor noise level (sound pressure)(Hi/Med/Lo)	dB(A)	54/49/44	54.3/49.4/45.5	53/48.5/45	53/48/44	
Throttle type		/	/	/	/	
Indoor unit	Dimension (WxDxH)	mm	1068x675x235	1285x675x235	1285x675x235	1285x675x235
	Packing (WxDxH)	mm	1145x755x313	1360x755x313	1360x755x313	1360x755x313
	Net/Gross weight	kg	24.6/29.8	29.9/35.4	29.9/35.5	31/36
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Drainage water pipe diameter	mm	ODΦ25	ODΦ25	ODΦ25mm	ODΦ25	
Refrigerant piping	Liquid side/Gas side	mm(inch)	Φ9.52Φ15.9(3/8"/5/8")	Φ9.52Φ19(3/8"/3/4")	9.52mm(3/8in)/19mm(3/4in)	Φ9.52Φ19(3/8"/3/4")
Controller			Wired Control	Wired Control	Wired Control	Remote Control and Wired Control
Operation temperature	°C	17~30	17~30	17~30	17~30	
Room temperature	Cooling	°C	17~32	17~32	16~32	17~32
	Heating	°C	0~30	0~30	0~30	0~30
Outdoor model		MOCA30U-24HN1-Q/MOU-24HN1-QD31U-36HN1-Q/MOU-36HN1-Q	MOD31U-36HN1-R/MOD31U-36HN1-R	MOU-48HN1-R	MOUA-60HN1-R/MOU-60HN1-R	
Power supply		V-ph-Hz	220-240-1-50	220-240-1-50	380-415V, 3Ph, 50Hz	
Max. input consumption		W	3450	4250	4250	
Max. input current		A	18	20.5	7.0	
Compressor	Model		PA291X3CS-4MTM1	ZP42KUE-PFZ-50E	ATQ420Y1TMT	C-SBN373H8D
	Type		ROTARY	SCROLL	ROTARY	Scroll
	Capacity	Btu/h	24498/24669	10200W	10460W±5%	48109
	Input	W	2395/2540	3450	3430W±5%	4750
	Rated current (RLA)	A	11.55/12.25	16.7	6.1A±5%	8,22
	Locked rotor Amp (LRA)	A	59	97	36	66
	Thermal protector position		INTERNAL	INTERNAL	INTERNAL	INTERNAL
	Capacitor	µF	60UF/450V	60.0	0.0	/
Refrigerant oil	ml	ESTER OIL VG74 · 950	1242	ESTER OIL VG74 1200CC	1700	
Outdoor fan motor	Model		YKT-75-6-200L	YKS-190-6-21L	YKS-190-6-21L	YDK65-6F(B)
	Old Model			YKS-190-6-21L	YKS-190-6-21L	YDK65-6F(B)
	Qty		1	1	1	2
	Input	W	144	293.3/261	293.3	162
Outdoor coil	Capacitor	µF	3UF/450V	10	10	3.5UF/450V
	Speed	r/min	860	850/770	850/770	765
	Number of rows		2	1.6	2.0	2
	Tube pitch(a)* row pitch(b)	mm	21x13.37	25.4x22	25.4x22	21x13.37
	Fin spacing	mm	1.2	1.5	1.3	1.4
	Fin type		Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium	Hydrophilic aluminium
Outdoor noise level (sound pressure)	Tube outside dia.and type	mm	Φ7,innergroove tube	Φ9.52,innergroove tube	Φ9.52,Inner groove tube	Φ7,innergroove tube
	Coil length * height * width	mm	730x651x26.74	1005x762x22+580x762x22	995x762x44	840x1113x26.74
	Number of circuits		6	4	4	4
	Outdoor noise level (sound pressure)	dB(A)	62	63.4	63	63
Throttle type		Throttle Valve	Throttle valve	Throttle valve	Capillary	
Outdoor unit	Dimension (WxDxH)	mm	845x363x702	946x410x810	946x410x810	900x350x1170
	Packing (WxDxH)	mm	965x395x755	1090x500x875	1090x500x875	1032x443x1307
	Net/Gross weight	kg	52.7/56.1	79.5/85.3	74.4/78.9	93.2/105
Refrigerant type/Quantity	kg	R410A	R410A	R410A	R410A	
Design pressure	MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Refrigerant piping	Charged volume	kg	1.8	2.5	2.85	3.25
	Liquid side/ Gas side	mm(inch)	Φ9.52Φ15.9(3/8"/5/8")	Φ9.52Φ19(3/8"/3/4")	9.52mm(3/8in)/19mm(3/4in)	Φ9.52Φ19(3/8"/3/4")
	Max. pipe length	m	25	30	30	50
Ambient temperature	Max. difference in level	m	15	20	20	25
	Cooling	°C	18-43	18~43	-7~43	18-43
	Heating	°C	-7-24	-7~24	-7~24	-7-24

Indoor Dimensions	
MUE-24HRN1-Q	1068 x 675 x 235mm
MUE-36HRN1-Q	1285 x 675 x 235mm
MUE-36HRN1-R	1285 x 675 x 235mm
MUE-48HRN1-R	1285 x 675 x 235mm
MUE-60HRN1-R	1650 x 675 x 235mm

Outdoor Dimensions	
MOCA30U-24HN1-Q/MOU-24HN1-Q	845 x 363 x 702mm
MOD31U-36HN1-Q/MOU-36HN1-Q	946 x 410 x 810mm
MOU-36HN1-R/MOD31U-36HN1-R	946 x 410 x 810mm

Outdoor Dimensions	
MOU-48HN1-R	900 x 350 x 1170mm
MOUA-60HN1-R/MOU-60HN1-R	900 x 350 x 1170mm

