



DUCT FIXED SPEED



FOLLOW ME



AUTO RESTART



HIGH
AIR FLOW



ANTI-COLD
AIR FUNCTION



REMOTE ON/OFF
DRY CONTACT



ESP
100 - 160PA

DUCTFIXED SPEED

Indoor model			MDT-24FS-Q		MDT-36FS-Q		MDT-36FS-R	
Indoor code			MTI-24HWNl-Q(A) 22023011004894		MTI-36HWNl-Q 22023011004674		MTI-36HWNl-R 22023011003039	
Outdoor model			MCU-24FS-Q		MOU-36FS-Q		MOU-36FS-R	
outdoor code			MOX430U-24HNI-Q 22023016002891		MOD32U-36HNI-Q 22023016002791		MOD32U-36HNI-R 22023016002311	
Power supply (Indoor)			V- Ph-Hz		220-240V,1Ph, 50Hz		380-415V,3Ph,50Hz	
Cooling	Capacity	Btu/h	24000		36000		36000	
	Input	W	2700		3900		3650	
	Rated current	A	11.7		18.0		6.1	
	EER	W/W	2.61		2.71		2.89	
Heating	Capacity	Btu/h	26000		39000		39000	
	Input	W	2230		3800		3300	
	Rated current	A	9.7		17.5		5.6	
	COP	W/W	3.42		3.01		3.46	
Indoor fan motor	Model		YK5S-115-4-21		YK5S-115-4-21		YK5S-115-4-21	
	Qty		1		1		1	
	Input	W	253.0		253.0		253.0	
	Capacitor	uF	5		8		8	
Indoor coil	Speed(Hi/Mi/Lo)	r/min	1030/800/690		1110/1000/910/780		1104/991/876/787	
	a.Number of rows		3		3.0		3.0	
	b.Tube pitch(a)x row pitch(b)	mm	21x13.37		21x13.37		21x13.37	
	c.Fin spacing	mm	1.4		1.4		1.4	
	d.Fin type (code)		Hydrophillic aluminum		Hydrophillic aluminum		Hydrophillic aluminum	
	e.Tube outside dia.and type	mm	ø7,Inner groove tube		ø7,Inner groove tube		ø7,Inner groove tube	
	f.Coil length x height x width	mm	915x294x40.11		915x294x40.11		915x294x40.11	
Indoor air flow (Hi/Mi/Lo)			m3/h		1700/1280/950		1804/1372/1149	
ESP	Rated	Pa	25		37		37	
	Range	Pa	0-80		0-160		0-100	
Indoor noise level (Hi/Mi/Lo)			dB(A)		45/41.5/38.5		47/40.5/38	
Indoor unit	Dimension(W*D*H)	mm	41/38/34.5		1100x774x249		1100x774x249	
	Packing (W*D*H)	mm	1305x805x315		1305x805x315		1305x805x305	
	Net/Gross weight	Kg	32.6/39		32.2/40.3		32.2/39.4	
Design pressure			MPa		4.2/1.5		4.2/1.5	
Drainage water pipe dia			mm		ODø25mm		ODø25mm	
Refrigerant piping			mm(inch)		9.52mm(3/8in)/15.9mm(5/8in)		9.52mm(3/8in)/19mm(3/4in)	
Controller					wired control		Wire Control	
Operation temperature			°C		17-30		17-30	
Room temperature	Cooling	°C	17~32		17-32		17~32	
	Heating	°C	0~30		0~30		0~30	
Option Controller					KJR-120C		KJR-120C	
Model			MOX430U-24HNI-Q		MOD32U-36HNI-Q		MOD32U-36HNI-R	
Code			22023016002891		22023016002791		22023016002311,00	
Power supply			V,Hz,Ph		220-240V,1Ph, 50Hz		380-415V,3Ph,50Hz	
Max. input consumption			W		3700		5200	
Max. input current			A		18		23.0	
Compressor	Model		KTG275V2VMP		ATQ420VISMT		ATQ420YITMT	
	Type		ROTARY		Rotor		ROTARY	
	Brand		GMCC		GMCC		GMCC	
	Capacity	Btu/h	8470		35604		35690	
	Input	W	2015		3520		3430W35%	
	Rated current(RLA)	A	9.2		16.35		6.1A35%	
	Locked rotor Amp(LRA)	A	55		89		36	
	Thermal protector position		INTERNAL		Internal		INTERNAL	
Outdoor fan motor	Capacitor	uF	65.0		90.00		0.0	
	Refrigerant oil	ml	VG74 750ml		VG75 1250		ESTER OIL VG74 1200CC	
	Model		YKT-65-6-240L		YKS-190-6-21L		YKS-190-6-21L	
	Old Model		/		YKS-190-6-21L		YKS-190-6-21L	
Outdoor coil	Qty		2		1		1	
	Input	W	135.0		293.3		293.3	
	Capacitor	uF	5		10		10	
	Speed	r/min	825		850/770		850/770	
Outdoor coil	Number of rows		1.6		2		2.0	
	Tube pitch(a)* row pitch(b)	mm	21x13.37		25.4x22		25.4x22	
	Fin spacing	mm	1.3		1.3		1.3	
	Fin type		Hydrophillic aluminum		Hydrophillic aluminum		Hydrophillic aluminum	
	Tube outside dia.and type	mm	ø7,Inner groove tube		ø9.52,Inner groove tube		ø9.52,Inner groove tube	
	Coil length * height * width	mm	900*26.74*609		995x762x44		995x762x44	
	Number of circuits		5		4		4	
Outdoor air flow			m³/h		5000		5000	
Outdoor noise level (sound pressure)			dB(A)		59.6		63	
Throttle type					Throttle valve		Throttle valve	
Outdoor unit	Dimension(WxDxH)	mm	890x342x673		946x410x810		946x410x810	
	Packing(WxDxH)	mm	995x398x740		1090x500x885		1090x500x875	
	Net/Gross weight	kg	52.9/55.9		75.6/80.4		74.4/78.9	
Refrigerant	Type		R410A		2088		R410A	
	type/Quantity	kg	2/Jan/00		0		2.85	
Design pressure			MPa		4.2/1.5		4.2/1.5	
Refrigerant piping			mm(inch)		9.52mm(3/8in)/15.9mm(5/8in)		9.52mm(3/8in)/19mm(3/4in)	
Ambient temperature	Max. pipe length	m	25		25		30	
	Max. difference in level	m	15		15		20	
	Cooling	°C	18~43		0~60		-7~43	
Heating			°C		-7~24		-7~24	
Model			MOX430U-24HNI-Q		MOD32U-36HNI-Q		MOD32U-36HNI-R	
Code			22023016002891		22023016002791		22023016002311,00	
Power supply			V,Hz,Ph		220-240V,1Ph, 50Hz		380-415V,3Ph,50Hz	
Max. input consumption			W		3700		5200	
Max. input current			A		18		23.0	
Compressor	Model		KTG275V2VMP		ATQ420VISMT		ATQ420YITMT	
	Type		ROTARY		ROTARY		ROTARY	
	Brand		GMCC		GMCC		GMCC	
	Capacity	Btu/h	8470		35604		35690	
	Input	W	2015		3520		3430W35%	
	Rated current(RLA)	A	9.2		16.35		6.1A35%	
	Locked rotor Amp(LRA)	A	55		89		36	
	Thermal protector position		INTERNAL		Internal		INTERNAL	
Outdoor fan motor	Capacitor	uF	65.0		90.00		0.0	
	Refrigerant oil	ml	VG74 750ml		VG75 1250		ESTER OIL VG74 1200CC	
	Model		YKT-65-6-240L		YKS-190-6-21L		YKS-190-6-21L	
	Old Model		/		YKS-190-6-21L		YKS-190-6-21L	
Outdoor coil	Qty		2		1		1	
	Input	W	135.0		293.3		293.3	
	Capacitor	uF	5		10		10	
	Speed	r/min	825		850/770		850/770	
Outdoor coil	Number of rows		1.6		2		2.0	
	Tube pitch(a)* row pitch(b)	mm	21x13.37		25.4x22		25.4x22	
	Fin spacing	mm	1.3		1.3		1.3	
	Fin type		Hydrophillic aluminum		Hydrophillic aluminum		Hydrophillic aluminum	
	Tube outside dia.and type	mm	ø7,Inner groove tube		ø9.52,Inner groove tube		ø9.52,Inner groove tube	
	Coil length * height * width	mm	900*26.74*609		995x762x44		995x762x44	
	Number of circuits		5		4		4	
Outdoor air flow			m³/h		5000		5000	
Outdoor noise level (sound pressure)			dB(A)		59.6		63	
Throttle type					Throttle valve		Throttle valve	
Outdoor unit	Dimension(WxDxH)	mm	890x342x673		946x410x810		946x410x810	
	Packing(WxDxH)	mm	995x398x740		1090x500x885		1090x500x875	
	Net/Gross weight	kg	52.9/55.9		75.6/80.4		74.4/78.9	
Refrigerant	Type		R410A		2088		R410A	
	type/Quantity	kg	2		2.8		2.85	
Design pressure			MPa		4.2/1.5		4.2/1.5	
Refrigerant piping			mm(inch)		9.52mm(3/8in)/15.9mm(5/8in)		9.52mm(3/8in)/19mm(3/4in)	
Ambient temperature	Max. pipe length	m	25		25		30	
	Max. difference in level	m	15		15		20	
	Cooling	°C	18~43		0~60		-7~43	
Heating			°C		-7~24		-7~24	
Model			MOX430U-24HNI-Q		MOD32U-36HNI-Q		MOD32U-36HNI-R	
Code			22023016002891		22023016002791		22023016002311,00	
Power supply			V,Hz,Ph		220-240V,1Ph, 50Hz		380-415V,3Ph,50Hz	
Max. input consumption			W		3700		5200	
Max. input current			A		18		23.0	
Compressor	Model		KTG275V2VMP		ATQ420VISMT		ATQ420YITMT	
	Type		ROTARY		ROTARY		ROTARY	
	Brand		GMCC		GMCC		GMCC	
	Capacity	Btu/h	8470		35604		35690	
	Input	W	2015		3520		3430W35%	
	Rated current(RLA)	A	9.2		16.35		6.1A35%	
	Locked rotor Amp(LRA)	A	55		89		36	
	Thermal protector position		INTERNAL		Internal		INTERNAL	
Outdoor fan motor	Capacitor	uF	65.0		90.00		0.0	
	Refrigerant oil	ml	VG74 750ml		VG75 1250		ESTER OIL VG74 1200CC	
	Model		YKT-65-6-240L		YKS-190-6-21L		YKS-190-6-21L	
	Old Model		/		YKS-190-6-21L		YKS-190-6-21L	
Outdoor coil	Qty		2		1		1	
	Input	W	135.0		293.3		293.3	
	Capacitor	uF	5		10		10	
	Speed	r/min	825		850/770		850/770	
Outdoor coil	Number of rows		1.6		2		2.0	
	Tube pitch(a)* row pitch(b)	mm	21x13.37		25.4x22		25.4x22	
	Fin spacing	mm	1.3		1.3		1.3	
	Fin type		Hydrophillic aluminum		Hydrophillic aluminum		Hydrophillic aluminum	
	Tube outside dia.and type	mm	ø7,Inner groove tube		ø9.52,Inner groove tube		ø9.52,Inner groove tube	
	Coil length * height * width	mm	900*26.74*609		995x762x44		995x762x44	
	Number of circuits		5		4		4	
Outdoor air flow			m³/h		5000		5000	
Outdoor noise level (sound pressure)			dB(A)		59.6		63	
Throttle type					Throttle valve		Throttle valve	
Outdoor unit	Dimension(WxDxH)	mm	890x342x673		946x410x810		946x410x810	
	Packing(WxDxH)	mm	995x398x740		1090x500x885		1090x500x875	
	Net/Gross weight	kg	52.9/55.9		75.6/80.4		74.4/78.9	
Refrigerant	Type		R410A		2088		R410A	
	type/Quantity	kg	2		2.8		2.85	
Design pressure			MPa		4.2/1.5		4.2/1.5	
Refrigerant piping			mm(inch)		9.52mm(3/8in)/15.9mm(5/8in)		9.52mm(3/8in)/19mm(3/4in)	
Ambient temperature	Max. pipe length	m	25		25		30	
	Max. difference in level	m	15		15		20	
	Cooling	°C	18~43		0~60		-7~43	
Heating			°C		-7~24		-7~24	
Model			MOX430U-24HNI-Q		MOD32U-36HNI-Q		MOD32U-36HNI-R	
Code			22023016002891		22023016002791		22023016002311,00	
Power supply			V,Hz,Ph		220-240V,1Ph, 50Hz		380-415V,3Ph,50Hz	
Max. input consumption			W		3700		5200	
Max. input current			A		18		23.0	
Compressor	Model		KTG275V2VMP		ATQ420VISMT		ATQ420YITMT	
	Type		ROTARY		ROTARY		ROTARY	
	Brand		GMCC		GMCC		GMCC	
	Capacity	Btu/h	8470		35604		35690	
	Input	W	2015		3520		3430W35%	
	Rated current(RLA)	A	9.2		16.35		6.1A35%	
	Locked rotor Amp(LRA)	A	55		89		36	
	Thermal protector position		INTERNAL		Internal		INTERNAL	
Outdoor fan motor	Capacitor	uF	65.0		90.00		0.0	
	Refrigerant oil	ml	VG74 750ml		VG75 1250		ESTER OIL VG74 1200CC	
	Model		YKT-65-6-240L		YKS-190-6-21L		YKS-190-6-21L	
	Old Model		/		YKS-190-6-21L		YKS-190-6-21L	
Outdoor coil	Qty		2		1		1	
	Input	W	135.0		293.3		293.3	
	Capacitor	uF	5		10		10	
	Speed	r/min	825		850/770		850/770	
Outdoor coil	Number of rows		1.6		2		2.0	
	Tube pitch(a)* row pitch(b)	mm	21x13.37		25.4x22		25.4x22	
	Fin spacing	mm	1.3		1.3		1.3	
	Fin type		Hydrophillic aluminum		Hydrophillic aluminum		Hydrophillic aluminum	
	Tube outside dia.and type	mm	ø7,Inner groove tube		ø9.52,Inner groove tube		ø9.52,Inner groove tube	
	Coil length * height * width	mm	900*26.74*609		995x762x44		995x762x44	
	Number of circuits		5		4		4	
Outdoor air flow			m³/h		5000		5000	
Outdoor noise level (sound pressure)			dB(A)		59.6		63	
Throttle type					Throttle valve		Throttle valve	
Outdoor unit	Dimension(WxDxH)	mm	890x342x673		946x410x810		946x410x810	
	Packing(WxDxH)	mm	995x398x740		1090x500x885		1090x500x875	
	Net/Gross weight	kg	52.9/55.9		75.6/80.4		74.4/78.9	
Refrigerant	Type		R410A		2088		R410A	
	type/Quantity	kg	2		2.8		2.85	
Design pressure			MPa		4.2/1.5		4.2/1.5	
Refrigerant piping			mm(inch)		9.52mm(3/8in)/15.9mm(5/8in)		9.52mm(3/8in)/19mm(3/4in)	