

MODEL NUMBER		TM18HMO	TM24HMO	TM30HMO	TM36HMO	TM42HMO
Rated Voltage	V~	208/230	208/230	208/230	208/230	208/230
Rated Frequency	Hz	60	60	60	60	60
Phases	-	1	1	1	1	1
Cooling capacity	Btu/h	17000	23200	28400	34000	36000
Heating capacity	Btu/h	18000	24000	30000	36000	40000
Cooling Power Input	W	1420	1860	2270	2830	3000
Heating Power Input	W	1380	1800	2250	2960	3020
Cooling Current Input	A	6.28	8.00	10.07	12.56	13.31
Heating Current Input	A	6.12	7.83	9.98	13.13	13.40
Rated Power Input	W	2300/2100	3200/3400	4600/5000	4600/5200	4600/5200
Rated Current	A	10.0/9.0	14.2/15	20.41/21.74	20.41/22.61	20.41/22.61
EER	(Btu/h)/W	12.00	12.49	12.49	12.00	12.00
COP	(Btu/h)/W	13.03	13.34	13.34	12.16	13.25
SEER	-	21.00(SEER) / 21.00(SEER2)	21.00(SEER)/21.00(SEER2)	21.00(SEER) / 21.00(SEER2)	21.00(SEER)/ 21.00(SEER2)	21.00(SEER) 21.00(SEER2)
HSPF	-	10.00(HSPF) / 10.00(HSPF2)	10.00(HSPF)/10.00(HSPF2)	10.00(HSPF) / 10.00(HSPF2)	10.00(HSPF) / 10.00(HSPF2)	10.00(HSPF) 10.00(HSPF2)
Compressor Trademark	-	ZHUHAI LANDA COMPRESSOR CO., LTD.	ZHUHAI LANDA COMPRESSOR CO., LTD.	ZHUHAI LANDA COMPRESSOR CO., LTD.	ZHUHAI LANDA COMPRESSOR CO., LTD.	ZHUHAI LANDA COMPRESSOR CO., LTD.
Compressor Model	-	QXF-A139zH170A	QXFS-B212zX070	QXFS-B238zX070	QXFS-D280zX070C	QXFS-D280zX070C
Compressor Refrigerant Oil Type	-	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent	FW68DA or equivalent
Compressor Type	-	Inverter Rotary	Twin Rotary	Inverter Rotary	Twin Rotary	Twin Rotary
L.R.A	A	25	/	/	/	/
Compressor Rated Load Amp (RLA)	A	9.95	12.1	14.25	18.2	18.4
Compressor Power Input	W	1295	1887	2047	2294	2294
Compressor Thermal Protector	-	KSD115'CHPC115/95U1	KSD115'CHPC115/95U1	KSD115'CHPC115/95U1	KSD115'CHPC115/95U1	KSD115 HPC115/95U1
Throttling Method	-	Electron expansion valve	Electron expansion valve	Electron expansion valve	Electron expansion valve	Electron expansion valve
Cooling Operation Ambient Temperature Range	°F	-22~118	-22~118	-22~118	-22~118	-22~118
Heating Operation Ambient Temperature Range	°F	-22~75.2	-22~75.2	-22~75.2	-22~75.2	-22~75.2
Condenser Material	-	Aluminum Fin-coppert Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube	Aluminum Fin-copper Tube
Condenser Pipe Diameter	mm	Φ7.94	Φ7.94	2-1.4	3-1.6	3-1.6
Rows-Fin Gap(mm)	mm	2-1.4	2-1.4	Φ7.94	Φ7.94	Φ7.94
Coil length (l)×height (H)×coil width (L)	mm	834×528×38.1	851×616×38.1	1066×792×38.1	1066×792×57.1	1066×792×57.1
Fan Motor Speed (rpm)	rpm	cooling:900 heating:900	cooling:850 heating:850	cooling:860 heating:860	cooling:860 heating:860	cooling:860 heating:860
Output of Fan Motor	W	30	60	130	130	130
Fan Motor RLA	A	/	/	/	/	/
Fan Motor Capacitor	μF	/	/	/	/	/
Air Flow Volume of Outdoor Unit	CFM	1354	2236	3413	3413	3413
Fan Type-Piece	-	Axial-flow	Axial-flow	Axial-flow	Axial-flow	Axial-flow
Fan Diameter	mm	Φ420-131.1	Φ520-154	Φ550-205	Φ550-205	Φ550-205
Defrosting Method	-	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting	Automatic Defrosting
Climate Type	-	T1	T1	T1	T1	T1
Isolation	-	I	I	I	I	I
Moisture Protection	-	IPX4	IPX4	IPX4	IPX4	IPX4
Permissible Excessive Operating Pressure for the Discharge Side	PSIG	550	550	550	550	550
Permissible Excessive Operating Pressure for the Suction Side	PSIG	240	240	240	240	240

Outdoor Unit						
Dimension (W×D×H)	inch	32 23/64×13 55/64×21 21/32	37 61/64×15 53/64×25 63/64	40 5/32×16 13/16×32 33/64	40 5/32×16 13/16×32 33/64	40 5/32×16 13/16×32 33/64
Dimension of Package (L×W×H)	inch	34 7/32×15 35/64×23 25/64	40 33/64×17 53/64×28 5/32	42 29/32×19 29/64×34 1/4	42 29/32×19 29/64×34 1/4	42 29/32×19 29/64×34 1/4
Dimension of Package(L×W×H)	inch	34 21/64×15 43/64×24 13/32	40 5/8×17 61/64×29 1/64	43 1/32×19 9/16×34 27/32	43 1/32×19 9/16×34 27/32	43 1/32×19 9/16×34 27/32
Net Weight	lb	77.2	114.7	152.1	172.0	174.2
Gross Weight	lb	82.7	124.6	167.6	187.4	189.6
Refrigerant Charge	-	R410A	R410A	R410A	R410A	R410A
Refrigerant Charge	oz	45.9	84.7	105.8	130.5	134.0
Cross-sectional Area of Power Cable Conductor	sq in	0.0032(AWG14)	0.0051(AWG12)	0.008215(AWG10)	0.008215(AWG10)	0.008215(AWG10)
Recommended Power Cable(Core)	N	3	3	3	3	3
Connection Pipe Connection Method	-	Flare Connection	Flare Connection	Flare Connection	Flare Connection	Flare Connection
Not Additional Gas Connection Pipe Length	ft	32.8	131.2	131.2	131.2	164.0
Connection Pipe Gas Additional Charge	oz/ft.	0.2	0.2	0.2	0.2	0.2
Outer Diameter of Liquid Pipe1 (GREE Allocation)(Metric)	inch	1/4"	1/4"	1/4"	1/4"	1/4"
Outer Diameter of Liquid Pipe2 (GREE Allocation)(Metric)	inch	1/4"	1/4"	1/4"	1/4"	1/4"
Outer Diameter of Liquid Pipe3 (GREE Allocation)(Metric)			1/4"	1/4"	1/4"	1/4"
Outer Diameter of Liquid Pipe4 (GREE Allocation)(Metric)	inch			1/4"	1/4"	1/4"
Outer Diameter of Liquid Pipe5 (GREE Allocation)(Metric)	inch					1/4"
Outer Diameter of Gas Pipe1 (GREE Allocation)(Metric)		3/8"	3/8"	3/8"	3/8"	3/8"
Outer Diameter of Gas Pipe2 (GREE Allocation)(Metric)	ft	3/8"	3/8"	3/8"	3/8"	3/8"
Outer Diameter of Gas Pipe3 (GREE Allocation)(Metric)	ft		3/8"	3/8"	3/8"	3/8"
Outer Diameter of Gas Pipe4 (GREE Allocation)(Metric)	ft			3/8"	3/8"	3/8"
Outer Diameter of Gas Pipe5 (GREE Allocation)(Metric)	ft					3/8"
Connection Pipe Max. Height Distance(indoor and indoor)	ft	49.	49.212	82.0	82.0	82.0
Connection Pipe Max. Height Distance (indoor & outdoor & indoor up)		49.	49.212	82.0	82.0	82.0
Connection Pipe Max. Height Distance (indoor & outdoor & outdoor up)		49.2	49.212	82.0	82.0	82.0
Max. equivalent connection pipe length (outdoor to last indoor)		65.6	65.6	82.0	82.0	82.0
Connection Pipe Max. Length Distance(total length)		131.2	196.8	262.5	262.5	328.1