



GRANDE ROOFTOP PACKAGE AIR CONDITIONERS R410A (50HZ)
HEAT PUMP
YMMRZH (062-300) BAN-BG2

GRANDE ROOFTOP PACKAGE AIR CONDITIONERS R410A (50HZ) HEAT PUMP

Air Conditioning Unit

- High efficiency compressor
- Top discharge
- Modern design
- Exclusive coil design
- Lower installation cost
- Easy Maintenance
- Multi-speed fan motor
- Flexible multi-position installation
- Convertible airflow design



The YORK® line of Rooftop Package Air Conditioners includes a wide range of sizes to meet most any customer's needs. Each model is designed to provide comfort and efficiency in an easy to operate unit. And its flexible installation makes them an easy fit for a variety of applications. Models meet the highest energy efficiency ratings, so less energy is consumed without sacrificing comfort and performance. units are engineered for quiet operation.

GRANDE ROOFTOP PACKAGE AIR CONDITIONERS R410A (50HZ) HEAT PUMP

Features and benefits



R410-A

Environment-friendly refrigerant cools and heats more efficiently without destroying the ozone layer.



Auto Restart (Optional)

Unit is automatically returned to previous operating conditions after a power outage, for simplified operation.



Self Diagnosis

Clearly displayed failure codes allow for quicker troubleshooting and easier maintenance.



3 Minutes Protection

A 3-minute delay before the compressor will restart helps avoid compressor damage and extend compressor life.



Self Diagnosis

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Inner Groove Copper Tube

Inner groove copper tubing allows more refrigerant to pass through, improving heat exchange by 30 to 50% when compared to traditional copper tubing, and lowering power consumption while keeping output capacity at the same level.

Specification

York Model			YMMRZH062BAN-BG2	YMMRZH075BAN-BG2	YMMRZH085BAN-BG2	YMMRZH100BAN-BG2	YMMRZH125BAN-BG2
Power Supply			V,Ph,Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz
Cooling	Cooling Capacity	Btu/h	62500	77000	90000	100000	122000
	Power Input	kW	18.3	22.6	26.4	29.3	35.7
Heating	Heating Capacity	Btu/h	73000	99000	106000	118000	140000
	Power Input	kW	21.4	29.0	31.1	34.6	41.0
Max. input consumption			kW	8.6	12	13.6	15
Max. current			A	18.3	24.8	26.5	28.8
Performance	Indoor fan air flow	CFM	2800	2830	3500	4100	5500
	ESP	Pa	80	80	80	90	110
	EER	Btu/h/W	8.3	7.9	8.0	7.5	7.4
	COP	Btu/h/W	10.6	11.0	11.0	10.4	10.6
Indoor fan	Type		FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
	Quantity		1	1	1	1	1
Compressor	Drive type		Direct	Direct	Belt	Belt	Belt
	Type		Scroll	Scroll	Scroll	Scroll	Scroll
Outdoor Fan	Quantity		1	1	2	2	2
	Capacity	Btu/h	58345	89053	52784×2	58345×2	49986+102018
Refrigerant	Refrigerant oil charge	ml	1656	2400	1300x2	1300x2	1656+2513
	Type		Propeller	Propeller	Propeller	Propeller	Propeller
Refrigerant	Quantity		1	1	1	1	1
	Drive type		Direct	Direct	Direct	Direct	Direct
Refrigerant	Motors quantity		1	1	1	1	1
	Type		R410A	R410A	R410A	R410A	R410A
Refrigerant	Refrigerant volume	kg	5	4.8	2.5+2.5	2.6+2.6	2.1+3.4
	Refrigerant Control		Piston	Piston	Piston	Piston	Piston
Net Weight			kg	229	244	340	343
Gross Weight			kg	234	249	350	354
Net Dimension			mm	1475x840x1130	1475x840x1130	1483x1138x1231	1483x1138x1231
Packing			mm	1497x867x1152	1497x867x1152	1492x1248x1146	1492x1248x1146
Shipping				12/24/48	12/24/48	8/16/32	8/16/32

York Model			YMMRZH150BAN-BG2	YMMRZH175BAN-BG2	YMMRZH200BAN-BG2	YMMRZH250BAN-BG2	YMMRZH300BAN-BG2
Power Supply			V,Ph,Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz	380~415V,3Ph,50Hz
Cooling	Cooling Capacity	Btu/h	146000	180000	200000	242000	263000
	Power Input	kW	42.8	52.7	58.6	70.9	77.1
Heating	Heating Capacity	Btu/h	166000	213000	233000	290000	300000
	Power Input	kW	48.6	62.4	68.3	85.0	87.9
Max. input consumption			kW	15.8	26	21.7	29.4
Max. current			A	25	27	32.5	38.5
Performance	Indoor fan air flow	CFM	46.1	55.4	63.2	74.3	81.7
	ESP	Pa	7000	7600	8800	10000	120000
	EER	Btu/h/W	110	110	120	130	270
	COP	Btu/h/W	7.3	8.1	7.7	7.5	7.3
Indoor fan	Type		10.5	8.2	10.7	9.9	8.2
	FC Centrifugal		FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal	FC Centrifugal
Compressor	Quantity		1	1	1	1	1
	Drive type		Belt	Belt	Belt	Belt	Belt
Outdoor Fan	Type		Scroll	Scroll	Scroll	Scroll	Scroll
	Quantity		2	2	2	2	2
Refrigerant	Capacity	Btu/h	49986+120500	102018×2	120500×2	132386×2	152383×2
	Refrigerant oil charge	ml	1656+3253	2513x2	3253x2	3300x2	3600x2
Refrigerant	Type		Propeller	Propeller	Propeller	Propeller	Propeller
	Quantity		1	2	2	2	2
Refrigerant	Drive type		Direct	Direct	Direct	Direct	Direct
	Motors quantity		1	2	2	2	2
Refrigerant	Type		R410A	R410A	R410A	R410A	R410A
	Refrigerant volume	kg	2.85+5.9	5.5+5.5	6.7+6.7	6.0+6.0	7.6+7.6
Refrigerant	Refrigerant Control		Piston	Piston	Piston	Capillary	Capillary
Net Weight			kg	492	615	690	940
Gross Weight			kg	512	645	720	970
Net Dimension			mm	1965x1230x1130	2192x1247x1670	2192x1247x1670	2220x1245x2320
Packing			mm	1990x1260x1140	2212x1284x1695	2212x1284x1695	2230x1275x2330
Shipping				6/12/24	3/7/14	3/7/14	2/5/10

Nominal testing conditions:

Cooling - Indoor 80.6°F DB / 66.2°F WB (27°C DB / 19°C WB) & Outdoor 95°F DB / 75.2°F WB (35°C DB / 24°C WB)

Heating - Indoor 68°F DB / 59°F WB (20°C DB / 15°C WB) & Outdoor 44.6°F DB / 42.8°F WB (7°C DB / 6°C WB)

High ambient cooling test conditions: Cooling - Indoor 84.2°F DB / 66.2°F WB (29°C DB / 19°C WB) & Outdoor 114.8°F DB / 75.2°F WB (46°C DB / 24°C WB)



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