



AIR CONDITIONING & REFRIGERATION

www.agbayani.com

"ABC's Top Performers with Special Designations 2021"
"Safety Management System STEP Award 2020"
"Outstanding Minority Entrepreneur 2007"
"SBA Administrators Award for Excellence 2003"
"NCSDC MBE Firm of the Year 2000"
"National Small Business Firm of the Year 1999"
"Region #9 Business Firm of the Year 1999"
"SBA District Office Minority Firm of the Year 1999"

February 22, 2023

Quote: 003

Venido "Coy" Torres /Mel Obispo

Governor's office

Ricardo J Bordallo, Anigua

Contact: 671-473-1125 / 888-4992

Dear Mr. Coy & Mr. Mel,

We at **Agbayani Air-conditioning & Refrigeration**, propose the amount of **\$29,417.83** (*Twenty-Nine Thousand Four Hundred Seventeen & Eighty-Three Dollars*) to removed, fabricate and install new 10TON Package Unit LENNOX brand 208/220V/3Phase/60HZ Model#KCB120S, to include materials, electrical work, labor and equipment. Breakdowns and warranty terms are below:

Unit Cost: **\$16,400.00**

Materials & Electrical Cost: **\$5,510.03**

Equipment: **\$900.00**

Fabrication & Labor Cost: **\$6,607.80**

****Note:** Seven (7) to Eight (8) Working days to complete.

Five (5) working days to fabricate duct

Two (2) to Three (3) working days to install/complete installation

Materials:

8ea Gal. Sheet Metal, 8ea Duct Board 1", 200pcs. Duct Pin, 1Gal. Adhesive, 1Box Tapcon 1/4x1-1/4", 30ft Flexible Duct Connector, 1Box 5/16 Hex Screw, 1Box 1/2" Self-tapping, 60ft Aircraft Cable Tie, 6ea Anchor bolt, 6ea Eye bolts w/ nuts, 6ea Alum. Foil Tape, 1ea Voltage Monitor, 1ea Thermostat, telephone Wire, 6ea NP1, 30ea Wire nut orange, 10ft. 1" Flex conduit, 1ea 1" Straight connector, 1ea 1" Elbow connector 30ft #8Wire Stranded, 45ft #10 Wire green, 1ea 1" Aluminum pipe, 3/4" PVC Drain line, 3/4" PVC Elbow, 1Gal. Anti-rust paint, NP1 Gray, 1ea 60Amp 208/220V, 3Phase Disconnect Switch

Warranty Terms & Condition:

FREE (1) YEAR PARTS & LABOR WARRANTY

FREE (1) YEAR WARRANTY ON COMPRESSOR

****Price Quoted is valid until March 21, 2023****



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Should you have any questions or concerns, please contact us at 734-8288 or 734-8234/Fax: 734-8284 our staff will be more than happy to respond to your needs.

Thank you for your interest in our products. Your business is most appreciated.

Submitted By:

Accepted By:

Marissa Manalili 02/21/23

Signature/Date

Signature/Date

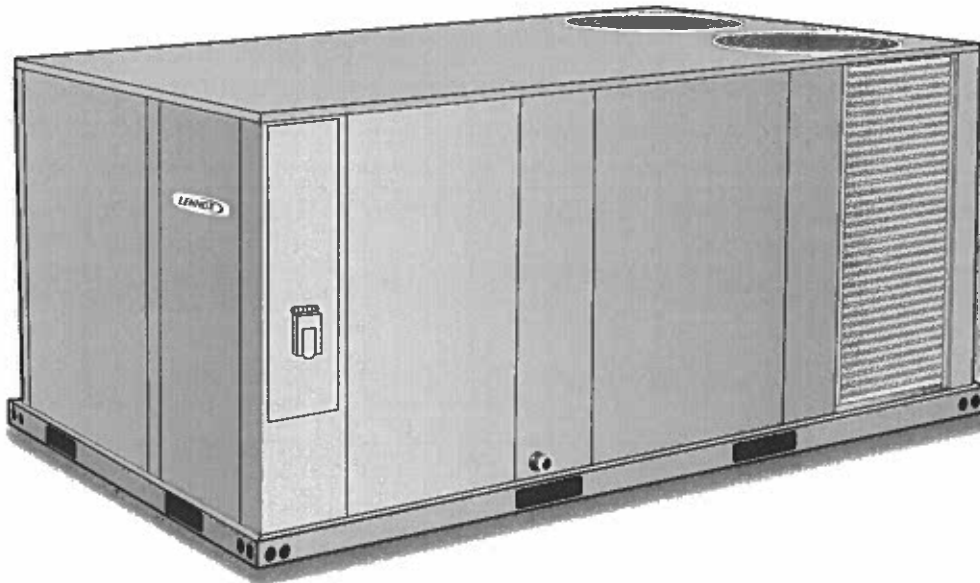


COMMERCIAL PRODUCT SPECIFICATIONS

KCA/KCB

Landmark® Rooftop Units 60 Hz

Bulletin No. 210821
March 2020
Supersedes February 2020



LANDMARK®

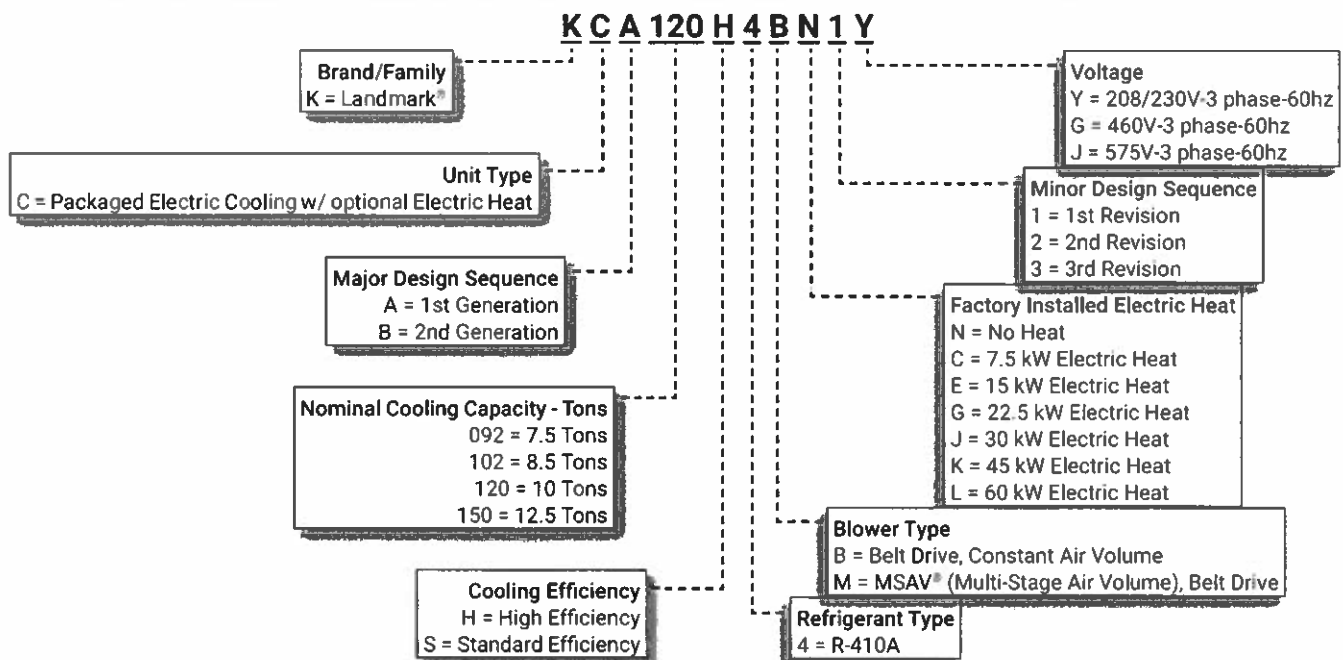
Performance Marked by Flexibility™



**ASHRAE 90.1
COMPLIANT**

7.5 to 12.5 Tons
Net Cooling Capacity - 86,000 to 138,000 Btuh
Optional Electric Heat - 7.5 to 60 kW

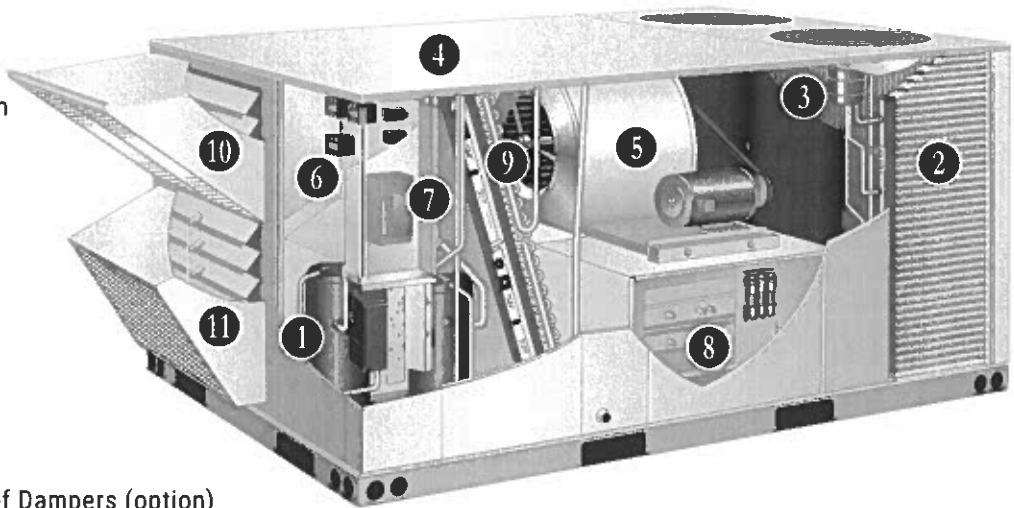
MODEL NUMBER IDENTIFICATION



FEATURE HIGHLIGHTS

Landmark® rooftop units from Lennox are the new standard for reliable, efficient rooftop units built for long-lasting performance that can significantly improve indoor environments.

- 1. Scroll Compressors
- 2. Lennox' Environ™ Coil System
- 3. Outdoor Coil Fan Motors
- 4. Heavy Gauge Steel Cabinet
- 5. Constant or Multi-Stage Air Volume (MSAV®) Blower
- 6. Unit Control
- 7. Disconnect Switch (option)
- 8. Electric Heat (option)
- 9. Air Filters
- 10. Economizer (option)
- 11. Downflow Barometric Relief Dampers (option)



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Model Number Identification. 1

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Outdoor Sound Data 30

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APPROVALS AND WARRANTY

APPROVALS

- AHRI Standard 340/360 certified
- ETL and CSA listed
- CSA certified energy ratings
- Unit and components ETL, NEC and CEC bonded for grounding to meet safety standards for servicing
- All models are ASHRAE 90.1-2010 energy efficiency compliant and meet or exceed requirements of Section 6.8
- All models meet DOE 2018 energy efficiency standards
- MSAV models meet California Code of Regulations, Title 24 and ASHRAE 90.1-2010 Section 6.4.3.10 requirements for staged airflow
- ISO 9001 Registered Manufacturing Quality System

WARRANTY

- Compressors - Limited five years
- Lennox' Environ™ Coil System - Limited three years
- High Performance Economizers (optional) - Limited five years
- All other covered components - Limited one year

FEATURES AND BENEFITS

COOLING SYSTEM

- Designed to maximize sensible and latent cooling performance at design conditions
- System can operate from 30°F to 125°F without any additional controls

R-410A Refrigerant

- Non-chlorine based
- Ozone friendly

1 Scroll Compressors

- Scroll compressors on all models for high performance, reliability and quiet operation
- Resiliently mounted on rubber grommets for quiet operation

Compressor Crankcase Heaters

- Protects against refrigerant migration that can occur during low ambient operation or during extended off cycles

Thermal Expansion Valves

(All High Efficiency Models, 150S Model and all Standard Efficiency Models with Humiditrol®)

- Assures optimal performance throughout the application range
- Removable element head

Refrigerant Metering Orifice

(092 through 120 Standard Efficiency Models)

- Accurately meters refrigerant in system
- Refrigerant control is accomplished by exact sizing of refrigerant metering orifice

Filter/Driers

- High capacity filter/drier protects the system from dirt and moisture

High Pressure Switches

- Protects the compressor from overload conditions such as dirty condenser coils, blocked refrigerant flow, or loss of outdoor fan operation
- Automatic reset

Freezestats

- Protects the evaporator coil from damaging ice build-up due to conditions such as low/no airflow, or low refrigerant charge

2 Condenser Coil - Lennox' Environ™ Coil System (092 through 120 models only)

- Lightweight, all aluminum brazed fin construction
- Constructed of three components
 - A flat extrusion tube
 - Fins in-between the flat extrusion tube
 - Two refrigerant manifolds



Environ™ Coil System Features:

- Improved heat transfer performance due to high primary surface area (flat tubes) versus secondary surface (fins)
- Smaller internal volume (reduced refrigerant charge)
- High durability
- All aluminum construction
- Fewer brazed joints
- Compact design
- Reduced unit weight
- Easy maintenance/cleaning
- Face split design
- Mounting brackets with rubber inserts



Refrigeration & Air Conditioning, Ltd.
Mechanical Contracting
Hotel & Restaurant Equipment & Supplies

Mechanical Contracting

Hotel & Restaurant Equipment & Supplies

290 Tun Jose Salas St., Suite Tamuning, Guam 96913-3817

Phone: (671) 646-7662

Main Office Fax: (671) 646-3320

Date: February 22, 2023

To: **Venido Torres**
Administrative Officer
Executive Management Office
Tel: (671) 475-9377
Cel: (671) 929-3477
Email: venido.torres@guam.gov

QUOTE REFERENCE: **G-02623 Office of the Government - 3 Package Units**

We are pleased to submit our proposal for the **HVAC systems Upgrade required at Hagåtña, Guam.**

Our proposal is in accordance with the following documents below:

- Specs: N/A
- Mechanical Drawing: N/A
- Site Visit: 02/14/2023

Manufacturer: MIDEA

10 Ton

✚ Labor, Materials & Start-Up ----- \$ 9,044.72

✚ Equipment----- \$ 10,200.00

✚ Total----- \$ 19,244.72

(2ea) 5 Ton

✚ Labor, Materials & Start-Up for (2) 5 Ton PCU----- \$ 17,004.81

✚ Equipment for (2) 5 Ton PCU ----- \$ 11,800.00

✚ Total for (2) 5 Ton PCU ----- \$ 28,804.81



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290 Tun Jose Salas St., Suite Tamuning, Guam 96913-3817

Phone: (671) 646-7662

Main Office Fax: (671) 646-3320

Scope of Work

1. Supply (1) 10 Ton & (2) 5 Ton Package Unit.
2. Removal of existing ducted (3) each Package unit.
3. Supply of *crane* for the removal and installing unit to the roof.
4. Installation of (3) ducted package unit.
5. Supply and install base for the (3) new package unit.
6. Supply, fabricate, and install (3) new duct transition to adapt to the location of new package unit.
7. Furnish and paint the new duct transition.
8. Furnish and install new 7-Day Programmable Thermostat.
9. Furnish and install control conduits & wires.
10. Supply Disconnect box. Furnish and install electrical load side conduits and wires up to disconnect.
11. Install new drain and connect to the existing drain complete with fittings, elbows and plug clean out.
12. Furnish and install duct flushing & sealant for the wall penetration.
13. Unit Start-up

Exclusion:

- a. GRT
- b. Any related civil works such as painting, pads, etc. that are related to civil works by others.

TERM AND WARRANTY OF PROPOSAL

Manufacturer's Warranty - One (1) Year parts and **One (1) year** for Compressor from date of installation. This installation is guaranteed against defects for a period of **Twelve (12) Months** from date of installation.

Warranty is based on regular preventive maintenance.

Equipment warranty is voided when the equipment is due to misuse, lack of proper maintenance, or any alterations is made on the equipment affecting its performance.

This quotation remains available for acceptance for thirty (30) days after the date hereof.

We thank you for this opportunity to submit our quotation and look forward to being of further service. If you have any specific questions or clarifications regarding this proposal, please feel free to contact me at your convenience.

Terms: 50% DP and upon progress billing.

Roger L. Jones

Project Manager

880000000000



J&B MODERN TECH

ACR EQUIPMENT AND SUPPLIES

P.O. BOX 9788 TAMUNING, GUAM, U.S.A. 96931

TELEPHONE: (671) 646-0588 / 646-4435 / 646-3346

FAX: (671) 646-0589

NO. 1446

ASSESSMENT

[] PREVENTIVE MAINTENANCE

[] REPAIR

[] INSTALLATION

CUSTOMER'S NAME :

GOV. OFFICE

LOCATION :

LARGE CONFERENCE ROOM

CALL BY :

DATE CALLED :

TYPE OF UNIT :

PACKAGE UNIT

BRAND :

UNKNOWN

VOLTAGE :

208-230 3PH

SIZE :

10 TON

MODEL NUMBER :

INDOOR :

OUTDOOR :

PPCT1000WHI-DIC

SERIAL NUMBER :

INDOOR :

OUTDOOR :

C7091 836 0031 79/84 0001

DESCRIPTION :

Removal & Installation of 10 ton
PACKAGE unit.

including Air Duct out 8'x6' only!
Supply & ~~return~~ return

Notes to replace disconnect switch (60 A 3PH)

MATERIALS NEEDED:

Quantity	Description
1	10 TON 3PH. 208-230V. PCU
4	1 POLE 3/8"
20 FT	3/8" CABLE WIRE.
2	3/8" TURN BACKS.
4	DROP IN ANCHOR
1	60 AMP. DISCONNECT SWITCH
8 FT	1" PEX CONDUIT
2 PC	1" PEX CONNECTION
2 PC	1/2" PEX CONNECTION
10 FT	1/2" PEX CONDUIT
10 FT	1 1/2" ANGLE BAR.

Quantity	Description
1	8' X 38" X 24"
1	2' 32" X 15"
1	4' X 8' X 7"

LABOR:

Date	Service Technicians	No. of Hours	Remarks
2-16-23	XIPON V.	1.0	Unit H/OO CHANGE FOR SET UP.

ACCEPTED/NOTED BY:

SIGNATURE :

Authorized Representative

DATE :



J&B MODERN TECH

ACR EQUIPMENT AND SUPPLIES

P.O. BOX 9788 TAMUNING, GUAM, U.S.A. 96931
TELEPHONE : (671) 646-0588 / 646-3346 / 646-4435
FAX: (671) 646-0589

QUOTATION

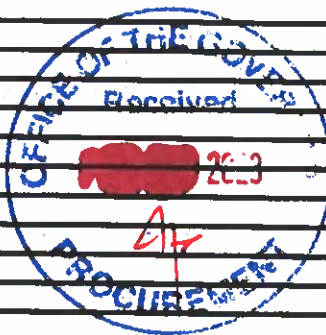
Q-02009

TO: GOVERNORS OFFICE P.O. Box 2950 Hagatna, Guam 96932-0000		Date: 2/24/2023	Job:
Attention: Mr. Rommel Obispo Mr. Venido Torres		Engineer/Architect:	Delivery:
Tel#475-1164 Tel#473-1125		F.O.B.:	Terms:

We are pleased to quote the following :

Confirming : Yes ☐ No ☐

Item	Qty	DESCRIPTION	Est. Shipping Weight	Net Unit Price	Net Total
		Reference: J&B Modern Tech assessment # 1446			
		Dated: 2/16/2023			
		Subject: Removal of old A/C unit & replacement of new			
		9-Ton Package A/C unit located at Governors Office -			
		Large Conference Room.			
		We are pleased to submit our cost proposal as follows:			
1	1 ea.	9-Ton Package Unit, Copper Tube, Aluminum Fins		\$ 8,360.00	\$ 8,360.00
		208-230-1-60, R-410A Freon.			
2	LS	Duct; Materials, Removal, Fabrication & Disposal		\$ 1,495.60	\$ 1,495.60
3	LS	Duct - Labor Installation		\$ 5,760.00	\$ 5,760.00
4	LS	A/C Materials & Tie Down		\$ 556.05	\$ 556.05
5		A/C Technician Labor / Installation		\$ 2,400.00	\$ 2,400.00
6		Rental Heavy Equipment - Crane		\$ 900.00	\$ 900.00
		Sub-Total			\$ 19,471.65
		GRT 5%			\$ 973.60
		NET AMOUNT			\$ 20,445.25



Quote Prepared By :	This Quote Valid Until :	NET AMOUNT	\$ 20,445.25
GENE M. BANGAYAN	2023		=====



J&B MODERN TECH
 ACR EQUIPMENT AND SUPPLIES
 P.O. BOX 9788 TAMUNING, GUAM, U.S.A. 96931
 TELEPHONE: (671) 846-0588 / 846-4435 / 846-3346
 FAX: (671) 846-0589

NO. 1446

ASSESSMENT

[] PREVENTIVE MAINTENANCE

[] REPAIR

[] INSTALLATION

CUSTOMER'S NAME :

GDU. OFFICE

LOCATION :

LARGE CONFERENCE ROOM

CALL BY :

DATE CALLED :

TYPE OF UNIT :

PACKAGE UNIT

BRAND :

Panasonic

VOLTAGE :

208-230 3PH

SIZE :

10 TON

MODEL NUMBER :

INDOOR :

OUTDOOR :

PRE1000WH1-D(C)

SERIAL NUMBER :

INDOOR :

OUTDOOR :

C7091 836 0031 79/84 0001

DESCRIPTION :

Removal & Installation of 10 TON
 PACKAGE unit.

including AIR DUCT OUT SIDE ONLY!
 Supply & ~~return~~ RETURN

NEED TO REPLACE DISCONNECT SWITCH (60 A 3PH)

MATERIALS NEEDED:

Quantity	Description
1	10 TON 3PH. 208-230V. PCU
4	1 GOLF 3/8
20 FT	3/8 CABLE WIRE.
2	3/8 TURN BACKS.
4	DRUP IN ANCHOR
1	60 3PH. DISCONNECT SWITCH
8 FT	1" FLEX CONDUIT
2 PC	1" FLEX CONNECTION
2 PC	1/2" FLEX CONNECTION
10 FT	1/2" FLEX CONDUIT
10 FT	1 1/2 ANGLE BAR.

Quantity	Description
1	8' X 38' X 24"
1	2' 32' X 15'
1	4' X 8' X 7"

LABOR:

Date	Service Technicians	No. of Hours	Remarks
2-16-23	XIPOR V.	1.0	Unit L/HO CHARGE FOR SET UP

ACCEPTED/NOTED BY:

SIGNATURE :

Authorized Representative

DATE :



J&B MODERN TECH
ACR EQUIPMENT AND SUPPLIES
P.O. BOX 9788 TAMUNING, GUAM, U.S.A. 98931
TELEPHONE: (671) 646-0588 / 646-4435 / 646-3348
FAX: (671) 646-0589

NO. 1447

ASSESSMENT

☐ PREVENTIVE MAINTENANCE

☐ REPAIR

☐ INSTALLATION

CUSTOMER'S NAME : GOV. OFFICE
LOCATION : GOV. OFFICE
CALLED BY : _____ DATE CALLED: _____
TYPE OF UNIT: PCU. PACKAGED
BRAND : _____ VOLTAGE: 220 1PH SIZE: 670h
MODEL NUMBER : _____ INDOOR : _____ OUTDOOR: _____
SERIAL NUMBER : _____ INDOOR : _____ OUTDOOR: _____
DESCRIPTION : Removal & installation of 5 ton
including supply & return duct.

MATERIALS NEEDED:

Quantity	Description
1	5 ton PCU 1PH
4	1 BOLT 3/8
20 FT	3/8 CABLE WIRE
2	2/8 TURN BACK
4	PROP IN Anchor 3/8
1	60 A DISCONNECT SWITCH
8 FT	3/4" PEX CONDUIT
2	3/4" PEX CONNECTION
8 FT	1/2" PEX CONDUIT
2	1/2" PEX CONNECTION
4	1/4" BOLT

Quantity	Description
	SAD 15"X15"X10'
	RAD 24"X15"X7'

LABOR:

Date	Service Technicians	No. of Hours	Remarks
2-16-23	21Baur V.	.5	Vendor. torres of guam.gov.
			Ha. HERR CRANE

ACCEPTED/NOTED BY: _____

SIGNATURE : _____

Authorized Representative

DATE : _____