MAINLINE®
Reliably Comfortable.™

SUBMITTAL COVER SHEET

PROJECT NAME _____

LOCATION _____

ARCHITECT _____

ENGINEER _____

CONTRACTOR _____

SUBMITTED BY _____ DATE _____

UNIT SUMMARY

Quantity						
Unit Designation						
Model No.						
Total Cooling						
Sensible Cooling						
Air Ent. Evaporator						
Air Lvg. Evaporator						
Heating Input						
Heating Output						
CFM/ESP						
EER/SEER						
Electrical						
Minimum Ampacity						
Min.-Max. Breaker						
Net Unit Weight						
Accessory						
Catalog Form Number						

ACCESSORIES:

NOTES:

PRINTED IN U.S.A 6/17 QG FORM NO. MML-1640

SUBMITTAL SHEET FOR MLA16
1½ TO 5 NOMINAL TON [5.28 TO 17.6 kW], EFFICIENCIES UP TO 16 SEER/13 EER AIR CONDITIONER UNITS

JOB NAME _____ LOCATION _____

CONTRACTOR _____ ORDER NO. _____

ENGINEER _____ UNIT MODEL NO. _____

SUBMITTED FOR ☐ APPROVAL ☐ RECORD COIL MODEL NO. _____

DATE _____ AIR HANDLER MODEL NO. _____

UNIT DATA

COOLING PERFORMANCE

EFFICIENCY ..... _____ SEER

TOTAL CAPACITY*..... _____ MBH [kW]

SENSIBLE CAPACITY*..... _____ MBH [kW]

OUTDOOR DESIGN TEMP. ..... _____ °F [°C] DB

TEMP. OF AIR ENTERING EVAPORATOR COIL ..... _____ °F [°C] DB

_____ °F [°C] WB

POWER INPUT REQUIREMENT ..... _____ kW

(*uses blower motor heat)

HEATING PERFORMANCE

EFFICIENCY ..... _____ HSPF

TOTAL CAPACITY*..... _____ MBH [kW]

OUTDOOR DESIGN TEMP. ..... _____ °F [°C] DB

TEMP. OF AIR ENTERING EVAPORATOR COIL ..... _____ °F [°C] DB

SUPPLY AIR BLOWER PERFORMANCE

TOTAL AIR SUPPLY ..... _____ CFM [L/s]

TOTAL RESISTANCE EXTERNAL TO UNIT..... _____ IWG

BLOWER SPEED ..... _____ RPM

POWER OUTPUT REQUIREMENT .... _____ BHP

MOTOR RATING ..... _____ HP [W]

POWER INPUT REQUIREMENT ..... _____ kW

ELECTRICAL DATA

POWER SUPPLY..... _____ Hz

TOTAL UNIT AMPACITY..... _____ AMPS

MINIMUM WIRE SIZE ..... _____ AWG

MAXIMUM OVERCURRENT DEVICE FUSES/HACR BREAKER ..... _____ AMPS

CLEARANCES

ACCESS SIDE	24" [609.6 mm]
AIR INLETS	12" [304.8 mm]
ABOVE UNIT	60" [1524 mm]

FEATURES FOR MLA16 AIR CONDITIONER UNITS

- New composite base pan – dampens sound, captures wire grille, eliminates corrosion and reduces number of fasteners needed
- Powder coat paint finish – for a long lasting professional finish
- Scroll compressor – uses 70% fewer moving parts for higher efficiency and increased reliability
- Modern cabinet aesthetics – increased curb appeal with visually appealing design
- Wire grille – provide ultimate coil protection, enhance cabinet strength, and increased cabinet rigidity
- Optimized fan orifice – optimizes airflow and reduces unit sound
- Rust resistant screws – confirmed through 1500-hour salt spray testing
- 3"-4"-5" service valve space – provides a minimum working area of 27-square inches for easier access
- 15" wide, industry leading corner service access – makes repairs easier and faster.
- External gauge port access – allows easy connection of “low-loss” gauge ports
- Single-row condenser coil – makes unit lighter and allows thorough coil cleaning to maintain “out of the box” performance
- Fewer cabinet fasteners – allow for faster access to internal components and hassle-free panel removal
- Service trays – hold fasteners or caps during service calls
- QR code – provides technical information on demand for faster service calls
- Fan motor harness with extra long wires allows unit top to be removed without disconnecting fan wire.

ACCESSORIES/OPTIONS

Compressor Crankcase Heater ..... ☐

Low Ambient Control (Model No. RXAD-A08) ..... ☐

Compressor Sound Cover ..... ☐

Compressor Hard Start Kit..... ☐

Low Pressure Control (RXAC-A07)..... ☐

High Pressure Control (RXAB-A07) ..... ☐

ENERGY STAR

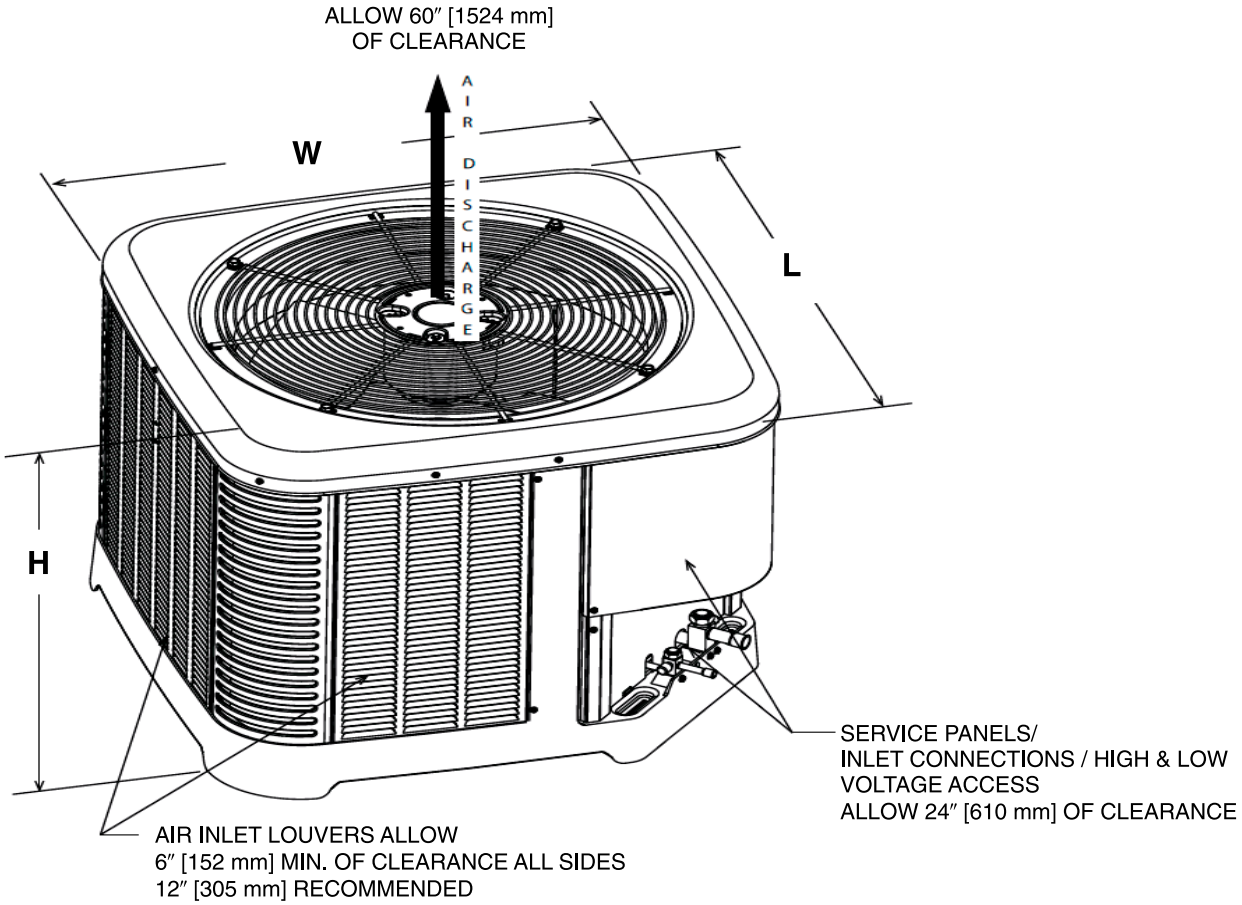
ENERGUIDE
Seasonal Energy Efficiency Ratio (SEER)
THIS MODEL 16.0
13.0 — Uses least energy → 21.0

Accredited by the RvA
ISO 9001:2008
Certificate Number: 30064

c UL us LISTED

AHRI CERTIFIED™
www.ahridirectory.org
Unitary Small AC
AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

MLA16 18, 24, 30,
36, 42, 48, 60



ST-A1226-02-00

Unit Dimensions

MODEL NO.	OPERATING						SHIPPING					
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
MLA1618	27	685	29.75	755	29.75	755	27.375	695	32.25	819	32.25	819
MLA1624	27	685	33.75	857	33.75	857	27.375	695	36.25	921	36.25	921
MLA1630	27	685	35.75	908	35.75	908	27.375	695	38.25	972	38.25	972
MLA1636	31	787	35.75	908	35.75	908	31.375	797	38.25	972	38.25	972
MLA1642	39	990	35.75	908	35.75	908	39.375	1000	38.25	972	38.25	972
MLA1648	45	1143	35.75	908	35.75	908	45.375	1153	38.25	972	38.25	972
MLA1660	51	1295	35.75	908	35.75	908	51.375	1305	38.25	972	38.25	972

[ ] Designates Metric Conversions

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.

www.MainlineCollection.com

"In keeping with its policy of continuous progress and product improvement, the right is reserved to make changes without notice."

PRINTED IN U.S.A. 7-17 QG FORM NO. XML-1449