



FIRST CO.
P.O. BOX 270969 - DALLAS, TEXAS 75227
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WWW.FIRSTCO.COM

WMU-A Series

THRU - THE - WALL

SPLIT CONDENSING UNIT - R-410A

1-1/2 thru 2-1/2 Tons



WMU-A Series

APPLICATION

These condensing units are excellent replacement products for the thousands of existing through the wall condensing units (some modification of the exterior wall may be required.)

THROUGH-THE-WALL VS CONVENTIONAL CONDENSING UNITS

- **Lower Installation Costs** -**WMU-A** condensing units install on the same floor as the apartment, town home, or condominium, resulting in considerable first cost savings in refrigerant, refrigerant piping, and electrical wiring compared to condensing units installed on the ground or roof.
- **Easier to Service** - Being located on the same floor as the apartment, town home, or condominium, service and routine maintenance of the **WMU-A** is much easier and can be performed by one person.
- Eliminates theft problems
- No costly landscaping needed to hide the units
- No condensing unit support pads required
- No additional roof support expenses
- No chaseways to roof or ground needed for refrigerant lines

WMU-A Series units are sold and intended for use only with blower coil and air handler units with ECM motors.

First Co's customer is ultimately responsible for confirming which of their indoor coils are compatible with these products, and which expansion valves (if any) are required for proper operation.



WMU-A Series

FEATURES:

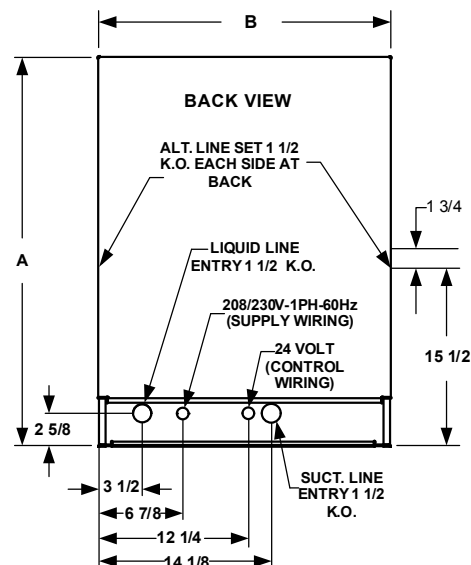
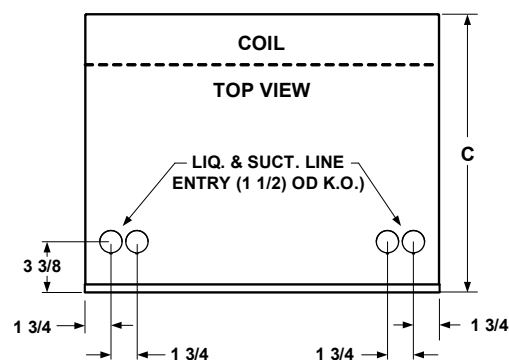
- Factory charged with R-410A refrigerant (charge will need to be field-adjusted)
- Unique cabinet design - unit side panels fit inside rather than outside the base pan to improve water containment on the sides of the cabinet
- Extra-high efficiency scroll or reciprocating R-410A compressor
- High pressure switch
- Propeller type fan with ECM motor - Moves more air over the condenser coil at lower operating watts than standard "squirrel cage" type blower
- Lower RPM fan motor - Much quieter operation
- Sloped base pan - Allows rain water to drain from the unit to the building exterior
- Plastic coated coil guard

PHYSICAL DIMENSIONS					
UNIT MODEL	H	W	D	LIQ/SUCT. LINE CONN. (SWEAT)	APPROX. SHIP WT.
18WMU-A	40	27	23	3/8 O.D. / 3/4 O.D.	245
24WMU-A					250
30WMU-A					260

ELECTRICAL DATA 208/230V - 1PH - 60 Hz						
UNIT MODEL	COMPRESSOR		CONDENSER FAN		MIN. CIR. AMPACITY	MAX. OVERCURRENT PROTECTION
	LRA	RLA	FLA	HP		
18WMU-A	48	9.0	2.8	1/3	14	20
24WMU-A	58.3	12.8	2.8	1/3	19	30
30WMU-A	73	14.1	2.8	1/3	21	30

CERTIFIED COMBINATION RATINGS (1)			
UNIT MODEL	TOTAL BTUH COOLING	SEER	INDOOR COIL
18WMU-A	18,000	12.0	24CLX
24WMU-A	23,000		36CLX
30WMU-A	27,800		36CLX

(1) These are the tested combination ratings that meet the DOE certification requirements.



WMU-A Series

OPTIONAL ACCESSORIES:

OPTIONAL INSTALLATION SLEEVE (See matching grille)					
PART NUMBER	USE WITH	DESCRIPTION	DIMENSIONS		
			H	W	D
9WMS-1	All "WMU-A" models	Sleeve installs in rough-in to facilitate condensing unit installation and removal for service	41-1/2	27-1/2	13



Insulation Jacket

OPT. ARCH. GRILLE (FIELD INSTALLED)					
PART (1) NUMBER	USE WITH	DIMENSIONS			
		H	W	D	
G211A G211PPA G211S	All "WMU-A" models	40	27	23	

Notes:

- 1."A" = Clear Anodized
"PPA" = Paint Prepared Aluminum
"S" Custom Painted
- 2.Grille screws to the "face" of the condensing unit in place of the factory wire guard.
- 3.Grilles can be factory painted almost any color. Contact the factory for additional information and cost.



OPTIONAL INSULATION JACKET					
PART NUMBER	USE WITH	DESCRIPTION	DIMENSIONS		
			H	W	D
9WMJ-1	All "WMU-A" models	Insulation jacket	42-1/4	29-1/2	12

Note: R-410A refrigerant oil is not compatible with R-22 oil. Therefore, when R-410A outdoor units are replacing existing R-22 outdoor units, the indoor evaporator coil must be replaced with a new one, the coil must include an R-410A TXV, and the interconnecting refrigerant lines flushed.



Shown with Insulation Jacket Installed

In keeping with its policy of continuous progress and product improvement, First Co. reserves the right to make changes without notice. Maintenance for all First Co. products is available under "Product Maintenance" at www.firstco.com.



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