



## **Y Unit Guide - Effective 3/1/2024**

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# 11 EER

# "Y"

J\*\*AY Series Wall-Mount ACs--R410A

2" Pleated Filter, Low Ambient Control

Warranty = Parts 1 year    Compressor 5 years

**\*\*6 ton is still 10EER\*\***

03/01/24

### 230/208V--1 Phase

Capacity	Model #	EER	E.U.	Ship Wt		
1.5 ton	J18AY-A00XPXXXJ	11.0	1.49	330		
2 ton	J24AY-A00XPXXXJ	11.0	1.49	345		
2.5 ton	J30AY-A00XPXXXJ	11.0	1.92	360		
3 ton	J36AY-A00XPXXXJ	11.0	1.92	390		
3.5 ton	J42AY-A00XPXXXJ	11.0	2.63	490		
4 ton	J48AY-A00XPXXXJ	11.0	2.63	495		
5 ton	J60AY-A00XPXXXJ	11.0	2.63	505		
6 ton	J72AY-A00XPXXXJ	10.0	2.63	555		

### 230/208V--3 Phase

Capacity	Model #	EER	E.U.	Ship Wt		
2 ton	J24AY-B00XPXXXJ	11.0	1.49	345		
2.5 ton	J30AY-B00XPXXXJ	11.0	1.92	360		
3 ton	J36AY-B00XPXXXJ	11.0	1.92	390		
3.5 ton	J42AY-B00XPXXXJ	11.0	2.63	490		
4 ton	J48AY-B00XPXXXJ	11.0	2.63	495		
5 ton	J60AY-B00XPXXXJ	11.0	2.63	505		
6 ton	J72AY-B00XPXXXJ	10.0	2.63	555		

### 460V--3 Phase

Capacity	Model #	EER	E.U.	Ship Wt		
2 ton	J24AY-C00XPXXXJ	11.0	1.49	345		
2.5 ton	J30AY-C00XPXXXJ	11.0	1.92	360		
3 ton	J36AY-C00XPXXXJ	11.0	1.92	390		
3.5 ton	J42AY-C00XPXXXJ	11.0	2.63	490		
4 ton	J48AY-C00XPXXXJ	11.0	2.63	495		
5 ton	J60AY-C00XPXXXJ	11.0	2.63	505		
6 ton	J72AY-C00XPXXXJ	10.0	2.63	555		

# J\*\*AY / AC Series Wall-Mount A/C--Heat Kits (Field Installed)

---Designed for adding Electric Heat to Okw units

---Circuit Breakers on 208/230 single phase and 3 phase, Toggle Disconnect on 460v 3phase

---ETL--US and Canada



<b>"Y"</b>	<b>3/1/24</b>
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--A Models 208/230v 1 phase				--B Models 208/230v 3 phase				--C Models 460v 3 phase			
Model #	Heater #	KW		Heater #	KW			Heater #	KW		
J18AY	EHWA018A-A05	5		N/A				N/A			
	EHWA018A-A10	10									
J24AY	EHWA024A-A05	5		EHWA024A-B05	5			EHWA024A-C05	5		
	EHWA018A-A10	10									
J30AY	EHWA030A-A05	5		EHWA024A-B05	5			EHWA030A-C05	5		
	EHWA030A-A10	10		EHWA030A-B09	9			EHWA030A-C09	9		
	EHWA030A-A15	15		EHWA030A-B15	15			EHWA030A-C15	15		
J36AY	EHWA024A-A05	5		EHWA036A-B05	5			EHWA036A-C05	5		
	EHWA030A-A10	10		EHWA030A-B09	9			EHWA036A-C09	9		
	EHWA036A-A15	15		EHWA036A-B15	15			EHWA036A-C15	15		
J42AY	EHWA042A-A05	5		EHWA042A-B05	5			EHWA042A-C09	9		
	EHWA042A-A10	10		EHWA042A-B09	9			EHWA042A-C15	15		
	EHWA042A-A15	15		EHWA042A-B15	15						
J48AY	EHWA048A-A05	5		EHWA048A-B05	5			EHWA048A-C09	9		
	EHWA048A-A10	10		EHWA048A-B09	9			EHWA048A-C15	15		
	EHWA048A-A15	15		EHWA048A-B15	15						
J60AY	EHWA060A-A05	5		EHWA042A-B09	9			EHWA042A-C09	9		
	EHWA060A-A10	10		EHWA060A-B15	15			EHWA042A-C15	15		
	EHWA060A-A15	15									
J72AY	EHWA072A-A05	5		EHWA072A-B09	9			EHWA042A-C09	9		
	EHWA072A-A10	10		EHWA060A-B15	15			EHWA042A-C15	15		
	EHWA072A-A15	15									



J\*\*LY Series Wall-Mount A/C--R410A (Left Hand Unit)

Left Hand Unit

11 EER

2" Pleated Filter, Low Ambient Control with Alarm

"Y"

Warranty = Parts 1 year Compressor 5 years

03/01/24

**230/208V--1 Phase**

Capacity	Model #	EER	E.U.	Shipping Wt
1.5 ton	J18LY-A00XPXXXJ	11.0	1.49	330
2 ton	J24LY-A00XPXXXJ	11.0	1.49	345
2.5 ton	J30LY-A00XPXXXJ	11.0	1.92	360
3 ton	J36LY-A00XPXXXJ	11.0	1.92	390

3.5 ton  
4 ton  
5 ton  
6 ton

**No Longer needed, center controls**

**230/208V--3 Phase**

Capacity	Model #	EER	E.U.	Shipping Wt
2 ton	J24LY-B00XPXXXJ	11.0	1.49	345
2.5 ton	J30LY-B00XPXXXJ	11.0	1.92	360
3 ton	J36LY-B00XPXXXJ	11.0	1.92	390

3.5 ton  
4 ton  
5 ton  
6 ton

**No Longer needed, center controls**

**460V--3 Phase**

Capacity	Model #	EER	E.U.	Shipping Wt
2 ton	J24LY-C00XPXXXJ	No Longer Available		
2.5 ton	J30LY-C00XPXXXJ	11.0	1.92	360
3 ton	J36LY-C00XPXXXJ	11.0	1.92	390

3.5 ton  
4 ton  
5 ton  
6 ton

**No Longer needed, center controls**

## J\*\*LY Left Hand Series Wall-Mount A/C--Heat Kits (Field Installed)

---Designed for adding Electric Heat to 0kw units	<b>3/1/2024</b>
---Circuit Breakers on 208/230 single phase and 3 phase, Toggle Disconnect on 460v 3phase	<b>11 EER</b>

	--A Models 208/230v 1 phase				--B Models 208/230v 3 phase				--C Models 460v 3 phase		
A/C Model #	Heater #	KW			Heater #	KW			Heater #	KW	
J18LY	EHWL018A-A05	5			<b>N/A</b>				<b>N/A</b>		
	EHWL018A-A10	10									
J24LY	EHWL024A-A05	5			EHWL024A-B05	5			<b>N/A</b>		
	EHWL018A-A10	10									
J30LY	EHWL030A-A05	5			EHWL030A-B09	9			EHWL030A-C09	9	
	EHWL030A-A10	10			EHWL030A-B15	15			EHWL030A-C15	15	
	EHWL030A-A15	15									
J36LY	EHWL024A-A05	5			EHWL030A-B09	9			EHWL036A-C09	9	
	EHWL030A-A10	10			EHWL036A-B15	15			EHWL036A-C15	15	
	EHWL036A-A15	15									

No Left Hand Units In 3.5-6T





**J\*\*HY Series Wall-Mount Heat Pumps--R410A**

**11 EER**

**2" Pleated Filter, Low Ambient Control**

**"Y"**

**Warranty = Parts 1 year    Compressor 5 years**

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**230/208V--1 Phase**

Capacity	Model #	EER	E.U.	Shipping Weight		
1.5 ton	J18HY-A00XPXXXE	11.0	1.49	334		
2 ton	J24HY-A00XPXXXE	11.0	1.49	340		
2.5 ton	J30HY-A00XPXXXE	11.0	1.92	372		
3 ton	J36HY-A00XPXXXE	11.0	1.92	376		
3.5 ton	J42HY-A00XPXXXE	11.0	2.63	549		
4 ton	J48HY-A00XPXXXE	11.0	2.63	555		
5 ton	J60HY-A00XPXXXE	11.0	2.63	587		

**230/208V--3 Phase**

Capacity	Model #	EER	E.U.	Shipping Weight		
2 ton	J24HY-B00XPXXXE	11.0	1.49	340		
2.5 ton	J30HY-B00XPXXXE	11.0	1.92	372		
3 ton	J36HY-B00XPXXXE	11.0	1.92	376		
3.5 ton	J42HY-B00XPXXXE	11.0	2.63	549		
4 ton	J48HY-B00XPXXXE	11.0	2.63	555		
5 ton	J60HY-B00XPXXXE	11.0	2.63	587		

**460V--3 Phase**

Capacity	Model #	EER	E.U.	Shipping Weight		
2 ton	J24HY-C00XPXXXE	11.0	1.49	340		
2.5 ton	J30HY-C00XPXXXE	11.0	1.92	372		
3 ton	J36HY-C00XPXXXE	11.0	1.92	376		
3.5 ton	J42HY-C00XPXXXE	11.0	2.63	549		
4 ton	J48HY-C00XPXXXE	11.0	2.63	555		
5 ton	J60HY-C00XPXXXE	11.0	2.63	587		



11 EER

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"Y"

J\*\*HY Series Wall-Mount Heat Pump--Heat Kits

		--A Models 208/230 1 ph				--B Models 208/230 3 ph				--C Models 460v 3 ph								
HP Model#	Heater #	KW			Heater #	KW			Heater #	KW								
J18HY	EHWH018A-A04	4			N/A				N/A									
	EHWH018A-A08	8																
J24HY	EHWH024A-A04	4			EHWH024A-B05	5			EHWH024A-C05	5								
	EHWH024A-A08	8																
J30HY	EHWH030A-A05	5			EHWH030A-B05	5			EHWH030A-C05	5								
	EHWH030A-A10	10											EHWH030A-B09	9			EHWH030A-C09	9
J36HY	EHWH036A-A05	5			EHWH036A-B05	5			EHWH036A-C05	5								
	EHWH036A-A10	10											EHWH036A-B09	9			EHWH036A-C09	9
	EHWH036A-A15	15																
J42HY	EHWH042A-A05	5			EHWH042A-B05	5			EHCH036A-C05	5								
	EHWH042A-A10	19											EHCH042A-B09	9			EHCH036A-C09	9
	EHWH042A-A15	15											EHCH042A-B15	15			EHCH036A-C15	15
J48HY	EHWH048A-A05	5			EHCH042A-B05	5			EHCH036A-C05	5								
	EHWH048A-A10	10											EHCH042A-B09	9			EHCH036A-C09	9
	EHWH048A-A15	15											EHCH042A-B15	15			EHCH036A-C15	15
J60HY	EHWH048A-A05	5			EHCH042A-B09	9			EHCH036A-C09	9								
	EHWH060A-A10	10											EHWH060A-B15	15			EHCH036A-C15	15
	EHWH060A-A15	15																

# Solair Ventilation Options For AC's and HP's, Grilles, and thermostats & Lead Lag---11 EER

----All Ventilation Options are Field Installed----

3/1/2024

Models:	J18 and J24			J30 and J36			J42, J48, J60 and J72		
Description	Part #			Part #			Part #		
Barometric Fresh Air Damper	FAD-NE2			FAD-NE3			FAD-NE5		
Blank-Off Plate	BOP-2			BOP-3			BOPLATE-5		
Fresh Air Damper w/exhaust	FAD-BE2			FAD-BE3			FAD-BE5		
CRV--On/Off	CRV-F2-*			CRV-F3-*			CRV-F5		
CRV -- Modulating	CRV-V2-*			CRV-V3-*			CRV-V5A		
4 CFM Economizer 100% ODA--no controls J18-J36--(7" hood) , J42-J72--(no hood)	ECON-NC2-*			ECON-NC3-*			ECON-NC5A		
Economizer--Enthalpy 50% ODA (no hood)	ECON-S2-*			ECON-S3-*			N/A		
4 CFM Economizer--Full Flow w/plug WB 100% ODA--J18-J36-(7" hood), J42-J72-(no hood)	ECON-WD2-*			ECON-WD3-*			ECON-WD5A		
4 CFM Economizer--Full Flow w/plug DB 100% ODA--J18-J36-(7" hood), J42-J72-(no hood)	ECON-DB2-*			ECON-DB3-*			ECON-DB5A		

WB = Wet Bulb      DB = Dry Bulb      ODA = Outdoor Air

\* = Select Color to match unit (X=Beige, 1=White,4= Buckeye Gray, 5= Desert Brown, 8= Dark Bronze)

## Solair Grilles For AC's and HP's

### Supply Grilles (Anodized)

Solair #	Tons	Dims		
SG-1S W	1	17" x 5"		
SG-2S W	1.5-2	20" x 8"		
SG-3S W	2.5-3	28" x 8"		
SG-5S W	3.5-6	30" x 10"		

### Return Filter Grilles (Anodized)--Filter included

Solair #	Tons	Dims		
RFG-1S W	1	17" x 10"		
RFG-2S W	1.5-2	20" x 12"		
RFG-3S W	2.5-3	28" x 14"		
RFG-5S W	3.5-6	30" x 16"		

## Lead/Lag Controllers

MFG#			Notes
MC4002			Basic, no alarms
MC4002-A			Base Alarm
MC4002-B			Enhanced Alarm
MC4002-AC			Base Alarm & Ethernet
MC4002-BC			Enhanced Alarm & Ethernet

## Thermostats

8403-089	1heat/1cool			
Note: 8403-089 for AC only (unless HP does not have a heat kit)				
8403-090	2heat/2cool			
Note: 8403-090 is 3 heat/2 cool on HP				
8403-092	2heat/2cool			
Note: 8403-092 is 3heat/2cool on HP, WiFi Capable				
8403-060	3heat/3cool			
Note: 8403-060 is auto or manual change over & dehumidification capable				



# Solair Wall Sleeves



( 28 Gauge Standard )

**"Y"**

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Part #	Description	Unit Sizing	
WS 17x5x14	Supply Sleeve with 1/2" Duct Liner	1 ton	
WS 20x8x14	Supply Sleeve with 1/2" Duct Liner	1.5 ton - 2 ton	
WS 28x8x14	Supply Sleeve with 1/2" Duct Liner	2.5 ton - 3 ton	
WS 30x10x14	Supply Sleeve with 1/2" Duct Liner	3.5 ton - 6 ton	

Part #	Description	Unit Sizing	
WS 17x10x14	Return Sleeve with 1/2" Duct Liner	1 ton	
WS 20x12x14	Return Sleeve with 1/2" Duct Liner	1.5 ton - 2 ton	
WS 28x14x14	Return Sleeve with 1/2" Duct Liner	2.5 ton - 3 ton	
WS 30x16x14	Return Sleeve with 1/2" Duct Liner	3.5 ton - 6 ton	

Circuit Breaker / Toggle Disconnect Kits---Field installed (designed to make an "00" unit an "0Z")

**\*\*Do not need if installing a heat kit\*\***

--circuit breaker on 208/230-1 and 208/230-3

--toggle disconnect on 460v-3

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**Air Conditioners**

Model #	-A00 Models			-B00 Models			-C00 Models		
J18AY	WMCB-02A			N/A			N/A		
J24AY	WMCB-03A			WMCB-02B			WMPD-01C		
J30AY	WMCB-05A			WMCB-02B			WMPD-01C		
J36AY	WMCB-05A			WMCB-03B			WMPD-01C		
J42AY	WMCBC-06A			WMCBC-04B			WMCBC-06C		
J48AY									
J60AY	WMCBC-08A			WMCBC-05B			WMCBC-06C		
J72AY	WMCBC-09A			WMCBC-07B			WMCBC-06C		

**Left Hand Air Conditioners**

Model #	-A00 Models			-B00 Models			-C00 Models		
J18LY	WMCB-02AL			N/A			N/A		
J24LY	WMCB-03AL			WMCB-02BL			N/A		
J30LY	WMCB-04AL			WMCB-02BL			WMPD-01CL		
J36LY	WMCB-05AL			WMCB-03BL			WMPD-01CL		

**Heat Pumps**

Model #	-A00 Models			-B00 Models			-C00 Models		
J18HY	WMCB-02A			N/A			N/A		
J24HY	WMCB-03A			WMCB-02B			WMPD-01C		
J30HY	WMCB-04A			WMCB-03B			WMPD-01C		
J36HY	WMCB-05A			WMCB-03B			WMPD-01C		
J42HY	WMCBC-06A			WMCBC-05B			WMCBC-06C		
J48HY	WMCBC-07A			WMCBC-05B			WMCBC-06C		
J60HY	WMCBC-07A			WMCBC-06B			WMCBC-06C		

# Shipping Crates

**"Y"**

- Constructed of 7/16" OSB Sheathing
- steel corner posts for added protection
- treated for pests (acceptable for international shipments)
- Forklift openings in skid
- Sized for Truck Transportation

**3/1/24**

MFG #	Fits What?	Wt	
8620-263	J18-J24	105	
8620-262	J30-J36	132	
8620-304	J42-J48	165	
8620-305	J60-J72	226	