

# GUARDIAN® ADVANTA CHARGE™

Manufactured Housing Split System Air Conditioners,  
Heat Pumps, Evaporator Coils and Pre-charged Line Sets

## COMFORT WITHOUT COMPROMISE

Assembled and tested in our state-of-the-art manufacturing facility in Wichita, Kansas, Guardian® heating and cooling products are trusted to deliver high-quality, high-value performance that's easier to sell, install and service. Our products for manufactured homes are no different, featuring world-class quality in a small footprint with HUD code approval.

### BACKED BY A LEADER

Thanks to the award-winning expertise of parent company Johnson Controls, the Guardian® line of manufactured air conditioning units and heat pumps are designed and built to the highest quality standards - delivering performance, efficiency and value with every unit.

### GUARDIAN® ADVANTA CHARGE™ QC/QW SERIES AIR CONDITIONERS

- **Small footprint** for easier handling, transportation and installation
- **Efficiency-standards compliant** with three product families to meet regional requirements
- **Better service features** including single-panel access to the electrical controls, swing-out control box for full corner access and a removable fan guard that provides easy access for unit maintenance
- **Pre-charged** with the precise amount of R-410A refrigerant

### GUARDIAN® ADVANTA CHARGE™ QH SERIES HEAT PUMPS

- **Robust compressor** offers reliable operation that's been proven in our extreme environment, accelerated life cycle test facility
- **Optimized coils** for effective airflow and heat transfer
- **Reliable cold-weather operation** thanks to a demand defrost feature that minimizes heat pump operation, removing frost on the outdoor coil far more effectively than timed methods
- **Pre-charged** with the precise amount of R-410A refrigerant

### GUARDIAN® ADVANTA CHARGE™ AC/HP EVAPORATOR COILS AND PRE-CHARGED LINE SETS

- **Advanced coils** designed to work with Advanta Charge™ condensers
- **Pre-charged line sets** offer quick and easy installation with no need for refrigerant vacuum pumps or brazing materials and tools
- **Coils and line sets** are pre-charged with the precise amount of R-410A refrigerant



Guardian® products are designed, engineered and assembled in the United States. That's why we're able to cover our units for manufactured housing with some of the strongest warranties in the business.

Air conditioning systems come with a 10-year Compressor Limited Warranty and 10-year Parts Limited Warranty.\*

Evaporator coils come with 10-year Parts Limited Warranty and 1-year Labor Limited Warranty.\*\*

\*10-year Compressor and 10-year Parts Limited Warranties require online registration within 90 days of installation. Otherwise, warranties revert to 1-year Compressor and 5-year Parts Limited Warranties.  
\*\*Evaporator coils that are registered online within 60 days of installation receive 10-year Parts and 1-year Labor Limited Warranties. Otherwise 10-year Parts Limited Warranty reverts to 5-year Parts Limited Warranty.



## ADVANTA CHARGE™ AIR CONDITIONERS

### QC3B SERIES SPLIT SYSTEM AIR CONDITIONERS - 13 SEER

MODEL	TONS	EER	SEER	COOLING BTUh (NOMINAL)
<b>QC3B24B21S</b>	2.0	11.0	13	23,400
<b>QC3B30B21S</b>	2.5	11.0	13	28,600
<b>QC3B36B21S</b>	3.0	11.0	13	34,000
<b>QC3B42B21S</b>	3.5	11.0	13	40,500
<b>QC3B48B21S</b>	4.0	11.0	13	45,000
<b>QC3B60B21S</b>	5.0	11.0	13	52,500

### QC4B SERIES SPLIT SYSTEM AIR CONDITIONERS - 14 SEER

MODEL	TONS	EER	SEER	COOLING BTUh (NOMINAL)
<b>QC4B24B21S</b>	2.0	11.0	14	22,400
<b>QC4B30B21S</b>	2.5	11.0	14	28,600
<b>QC4B36B21S</b>	3.0	11.0	14	33,800
<b>QC4B42B21S</b>	3.5	11.0	14	39,000
<b>QC4B48B21S</b>	4.0	11.0	14	45,000
<b>QC4B60B21S</b>	5.0	11.0	14	53,000

### QW4B SERIES SPLIT SYSTEM AIR CONDITIONERS - 14 SEER

MODEL	TONS	EER	SEER	COOLING BTUh (NOMINAL)
<b>QW4B24B21S</b>	2.0	12.2	14	23,000
<b>QW4B30B21S</b>	2.5	12.2	14	28,000
<b>QW4B36B21S</b>	3.0	12.2	14	34,000
<b>QW4B42B21S</b>	3.5	12.2	14	39,000
<b>QW4B48B21S</b>	4.0	11.7	14	45,000
<b>QW4B60B21S</b>	5.0	11.7	14	53,000

## ADVANTA CHARGE™ HEAT PUMPS

### QH4 SERIES HEAT PUMPS - 14 SEER

MODEL	TONS	COOL CAP	EER	SEER	HIGH HEAT 47F	HSPF	LOW HEAT 17F	CFM
<b>QH4B24B21S</b>	2.0	23,000	11.00	14	23,200	8.2	15,400	800
<b>QH4B30B21S</b>	2.5	28,000	11.50	14	28,200	8.2	19,900	1,000
<b>QH4B36B21S</b>	3.0	33,000	11.75	14	33,200	8.2	20,000	1,170
<b>QH4B42B21S</b>	3.5	39,500	11.75	14	28,500	8.2	24,000	1,275
<b>QH4B48B21S*</b>	4.0	45,000	11.75	14	47,000	8.2	31,400	1,600

## ADVANTA CHARGE™ AC/HP EVAPORATOR COILS & LINE SETS

### EVAPORATOR COILS

MODEL	INDOOR COIL MODEL	REQUIRED EXPANSION DEVICE	FACTORY INSTALLED
<b>QC3B24B21S</b>	MHQH3BXX0571	Piston #57	Yes
<b>QC3B30B21S</b>	MHQH3DXX0631	Piston #63	Yes
<b>QC3B36B21S</b>	MHQH4DXX0681	Piston #68	Yes
<b>QC3B42B21S</b>	MHQH4GXX0762	Piston #76	Yes
<b>QC3B48B21S</b>	MHQR4HXX0761	Piston #76	Yes
<b>QC3B60B21S</b>	MHQR4GXX0841	Piston #84	Yes
<b>QC4B24B21S</b>	MHQH3BXXDXTX1	S1-R72DB0003	Yes
<b>QC4B30B21S</b>	MHQH3DXXDXTX1	S1-R72DB0003	Yes
<b>QC4B36B21S</b>	MHQH4DXXYTX1	S1-R72DB0004	Yes
<b>QC4B42B21S</b>	MHQH4GXXYTX2	S1-R72DB0004	Yes
<b>QC4B48B21S</b>	MHQR4HXXYTX1	S1-R72DB0004	Yes
<b>QC4B60B21S</b>	MHQR4GXXZTX1	S1-R72DB0044	Yes
<b>QW4B24B21S</b>	MHQH3BXXDXTX1	S1-R72DB0003	Yes
<b>QW4B30B21S</b>	MHQH3DXXDXTX1	S1-R72DB0003	Yes
<b>QW4B36B21S</b>	MHQH4DXXYTX1	S1-R72DB0004	Yes
<b>QW4B42B21S</b>	MHQH4GXXYTX2	S1-R72DB0004	Yes
<b>QW4B48B21S</b>	MHQR4HXXYTX1	S1-R72DB0004	Yes
<b>QW4B60B21S</b>	MHQR4GXXZTX1	S1-R72DB0044	Yes
<b>QH4B24B21S</b>	MHQH3BXXDXTX1	S1-R72DB0003	Yes
<b>QH4B30B21S</b>	MHQH3DXXYTX1	S1-R72DB0004	Yes
<b>QH4B36B21S</b>	MHQH4DXXYTX1	S1-R72DB0004	Yes
<b>QH4B42B21S</b>	MHQH4DXXYTX1	S1-R72DB0004	Yes
<b>QH4B48B21S*</b>	MHQH3GXXYTX1	S1-R72DB0004	Yes

### PRE-CHARGED LINE SETS

MATERIAL	DESCRIPTION
<b>LS-99-1536-24-10</b>	LINESET-QC R410A 15'-3/8 x 3/4-3
<b>LS-99-2036-24-13</b>	LINESET-QC R410A 20'-3/8 x 3/4-3
<b>LS-99-2536-24-16</b>	LINESET-QC R410A 25'-3/8 x 3/4-3
<b>LS-99-3036-24-19</b>	LINESET-QC R410A 30'-3/8 x 3/4-3
<b>LS-99-4036-24-26</b>	LINESET-QC R410A 40'-3/8 x 3/4-3
<b>LS-99-5036-24-32</b>	LINESET-QC R410A 50'-3/8 x 3/4-3
<b>LS-99-1537-24-12</b>	LINESET-QC R410A 15'-3/8 x 7/8-3
<b>LS-99-2037-24-15</b>	LINESET-QC R410A 20'-3/8 x 3/4-3
<b>LS-99-2537-24-19</b>	LINESET-QC R410A 25'-3/8 x 3/4-3
<b>LS-99-3037-24-22</b>	LINESET-QC R410A 30'-3/8 x 3/4-3
<b>LS-99-4037-24-29</b>	LINESET-QC R410A 40'-3/8 x 3/4-3
<b>LS-99-5037-24-35</b>	LINESET-QC R410A 50'-3/8 x 3/4-3

\* 4-ton coils require cabinet extension for EB series application Part # 3500-8602.

