



Wall-Mount™ Air Conditioners

Specification Sheets

15 IPLV Efficiency Rating

| Document # | Tonnage | Description |
|-----------------------|-----------|---|
| S3378 | 3.0 – 5.0 | WA3S3-WA5S3 & WL3S2-WL5S2 Series Step Capacity 'High' Efficiency Spec. ~ R-410A |
| F1909 | 3.0 – 5.0 | WA3S2 - WA5S2 Series Engineering Specification Guide (F1909-Word.doc) |

10 EER Efficiency Rating

| Document # | Tonnage | Description |
|-----------------------|-----------|---|
| S3412 | 3.0 – 5.0 | W38A1 – W61A1 Series "High" Efficiency A/C Specification ~ R-410A |
| F1925 | 3.0 – 5.0 | W38A1 – W61A1 Series Engineering Specification Guide (F1925-Word.doc) |

9 EER Efficiency Rating

| Document # | Tonnage | Description |
|--------------------------|-----------|--|
| S3401 | 1.0 | W12A1 Series 1 Ton Specification ~ R-410A |
| S3397 | 1.5 – 5.0 | W17A1 – W60A1 Series Specification ~ R-410A (S3429 Spanish Translation) |
| F1908 | 1.5 – 5.0 | W17A1 - W60A1 Series Engineering Specification Guide (F1908-Word.doc) |
| 7960-572 | 3.5 – 5.0 | W42A1 – W60A1 Dehumidification Performance Data ~ R-410A |
| S3400 | 1.5 – 5.0 | W17L1 – W60L1 Series Specification ~ R-410A (S3430 Spanish Translation) |
| S3409 | 6.0 | W70A1 – W70L1 Series Specification ~ R-410A |
| S3402 | 4.0 – 5.0 | W48* – W70* Telecom Shelter Upgrade Series Specification ~ R-410A |
| S3426 | 3.0 – 6.0 | W3RV-W6RV & W3LV-W6LV Wall-Mount Variable Capacity ECU |

R-22 Product Information

| Document # | Tonnage | Description |
|-----------------------|-----------|---|
| S3233 | 1.0 | WA121 Series 1 Ton Specification ~ R-22 |
| S3208 | 1.5 – 5.0 | WA182 – WA605 Series Specification ~ R-22 |
| F1742 | 3.5 – 5.0 | WA424D - WA604D Dehumidification Performance Data ~ R-22 |
| S3279 | 1.5 – 6.0 | WL182 - WL702 Series Specification ~ R-22 |
| S3274 | 6.0 | WA701 – WA721 Series Specification ~ R-22 |
| S3339 | 4.0 – 6.0 | WA/WL484-701 Telecom Shelter Upgrade Series Specification ~ R-22 |
| S3348 | 3.0 – 5.0 | WA381 - WA611 'High Efficiency' Series Specification ~ R-22 |



Wall-Mount™ Air Conditioners

Wall-Mount Accessory Information

| Document # | Tonnage | Description |
|----------------------------------|---------|---|
| F1731 | | WWC3 / WWC5 / WWC6 Series Telecom Shelter Wall Curb Specification |
| S3327 | | CT242 Com-Tec Series Specification ~ R-22 |
| S3370 | | WUVCLP Series Wall-Mount UV-C Light Package |
| F1850 | | WISP Series Sound Plenum |
| F1852 | | WMICF5 & WMSC5 Isolation and Sound Curbs |
| F1848 | | Bard Wall-Mount™ Control Module Applications |
| F1403 | | WERV Energy Recovery Technical Guide |
| F1722 | | Wall-Mount™ Ventilation Overview |
| Vent Option Link | | Wall-Mount™ Ventilation Options |
| 50hz Link | | WA / WE Wall-Mount 50hz Series |
| TB08-06 | | Aluminum & Stainless Steel Cabinet Option Bulletin |
| & TB10-01 | | (R-410A W**A / W**L / W**H Models) |
| Color Link | | Bard Wall-Mount Cabinet Finishes |
| Grille Link | | Supply & Return Grille Submittal Information |
| TechniCoat Link | | Phenolic Coated Coil Option Information |
| Thermostat Link | | Bard Thermostat Information & Installation Instructions |
| Case Study Link | | Bard Project Case Studies |
| S/N Link | | Bard Serial Number Nomenclature Matrix |
| Warranty Link | | Bard Limited Warranty (USA, Canada & Mexico) |
| 2100-034 | | Wall-Mount User Information Manual (2100S034 Spanish Translation) |
| S3422 | | Company Brochure |



Wall-Mount™ Air Conditioners

WA 'Step Capacity' Series Wall-Mount AC – Right Hand ~ R-410A

| Models | Literature Assembly | Installation Manual | Parts Manual | Wiring Diagram |
|---------|---------------------|--------------------------|--------------------------|--------------------------|
| WA3S3-A | 911-0440 | 2100-526 | 2110-493 | 4095-153 |
| WA3S3-B | 911-0440 | 2100-526 | 2110-493 | 4095-253 |
| WA3S3-C | 911-0440 | 2100-526 | 2110-493 | 4095-353 |
| WA4S3-A | 911-0440 | 2100-526 | 2110-493 | 4095-153 |
| WA4S3-B | 911-0440 | 2100-526 | 2110-493 | 4095-253 |
| WA4S3-C | 911-0440 | 2100-526 | 2110-493 | 4095-353 |
| WA5S3-A | 911-0440 | 2100-526 | 2110-493 | 4095-153 |
| WA5S3-B | 911-0440 | 2100-526 | 2110-493 | 4095-253 |
| WA5S3-C | 911-0440 | 2100-526 | 2110-493 | 4095-353 |

WL 'Step Capacity' Series Wall-Mount AC – Left Hand ~ R-410A

| Models | Literature Assembly | Installation Manual | Parts Manual | Wiring Diagram |
|---------|---------------------|--------------------------|--------------------------|--------------------------|
| WL3S2-A | 911-0440 | 2100-526 | 2110-493 | 4095-153 |
| WL3S2-B | 911-0440 | 2100-526 | 2110-493 | 4095-253 |
| WL3S2-C | 911-0440 | 2100-526 | 2110-493 | 4095-353 |
| WL4S2-A | 911-0440 | 2100-526 | 2110-493 | 4095-153 |
| WL4S2-B | 911-0440 | 2100-526 | 2110-493 | 4095-253 |
| WL4S2-C | 911-0440 | 2100-526 | 2110-493 | 4095-353 |
| WL5S2-A | 911-0440 | 2100-526 | 2110-493 | 4095-153 |
| WL5S2-B | 911-0440 | 2100-526 | 2110-493 | 4095-253 |
| WL5S2-C | 911-0440 | 2100-526 | 2110-493 | 4095-353 |



Wall-Mount™ Air Conditioners

W Series (Right-Hand) Wall-Mount Air Conditioners ~ R-410A (Standard)

| Models | Literature Assembly | Installation Manual | Parts Manual | Wiring Diagram |
|---------|---------------------|--------------------------|--------------------------|--------------------------|
| W12A1-A | 911-0496 | 2100-509 | 2110-487 | 4095-146 |
| W12A1-K | 911-0496 | 2100-509 | 2110-487 | 4095-149 |
| W17A1-A | | 2100-508 | 2110-483 | 4095-150 |
| W18A1-A | 911-0493 | 2100-508 | 2110-483 | 4095-150 |
| W24A1-A | 911-0493 | 2100-508 | 2110-483 | 4095-143 |
| W24A1-B | 911-0493 | 2100-508 | 2110-483 | 4095-242 |
| W24A1-C | 911-0493 | 2100-508 | 2110-483 | 4095-342 |
| W30A1-A | 911-0489 | 2100-508 | 2110-482 | 4095-143 |
| W30A1-B | 911-0489 | 2100-508 | 2110-482 | 4095-242 |
| W30A1-C | 911-0489 | 2100-508 | 2110-482 | 4095-342 |
| W36A1-A | 911-0489 | 2100-508 | 2110-482 | 4095-143 |
| W36A1-B | 911-0489 | 2100-508 | 2110-482 | 4095-242 |
| W36A1-C | 911-0489 | 2100-508 | 2110-482 | 4095-342 |
| W38A1-A | 911-0513 | 2100-530 | 2110-494 | 4095-152 |
| W38A1-B | 911-0513 | 2100-530 | 2110-494 | 4095-247 |
| W38A1-C | 911-0513 | 2100-530 | 2110-494 | 4095-346 |
| W42A1-A | 911-0491 | 2100-508 | 2110-481 | 4095-144 |
| W42A1-B | 911-0491 | 2100-508 | 2110-481 | 4095-244 |
| W42A1-C | 911-0491 | 2100-508 | 2110-481 | 4095-343 |
| W48A1-A | 911-0491 | 2100-508 | 2110-481 | 4095-144 |
| W48A1-B | 911-0491 | 2100-508 | 2110-481 | 4095-244 |
| W48A1-C | 911-0491 | 2100-508 | 2110-481 | 4095-343 |
| W49A1-A | 911-0513 | 2100-530 | 2110-494 | 4095-152 |
| W49A1-B | 911-0513 | 2100-530 | 2110-494 | 4095-247 |
| W49A1-C | 911-0513 | 2100-530 | 2110-494 | 4095-346 |



Wall-Mount™ Air Conditioners

W Series (Right-Hand) Wall-Mount Air Conditioners ~ R-410A (Standard)

| Models | Literature Assembly | Installation Manual | Parts Manual | Wiring Diagram |
|---------|---------------------|--------------------------|--|--------------------------|
| W60A1-A | 911-0491 | 2100-508 | 2110-481 | 4095-144 |
| W60A1-B | 911-0491 | 2100-508 | 2110-481 | 4095-244 |
| W60A1-C | 911-0491 | 2100-508 | 2110-481 | 4095-343 |
| W61A1-A | 911-0513 | 2100-530 | 2110-494 | 4095-152 |
| W61A1-B | 911-0513 | 2100-530 | 2110-494 | 4095-247 |
| W61A1-C | 911-0513 | 2100-530 | 2110-494 | 4095-346 |
| W70A1-A | 911-0505 | 2100-508 | 2110-490 | 4095-151 |
| W70A1-B | 911-0505 | 2100-508 | 2110-490 | 4095-246 |
| W70A1-C | 911-0505 | 2100-508 | 2110-490 | 4095-344 |
| | | | W**A Low Voltage Control Wiring | 2100-507 |
| | | | W**A Installation Manual Spanish Translation | 2100S508 |

W Series (Left-Hand) Wall-Mount Air Conditioners ~ R-410A

| Models | Literature Assembly | Installation Manual | Parts Manual | Wiring Diagram |
|---------|---------------------|--------------------------|--------------------------|--------------------------|
| W17L1-A | 911-0494 | 2100-508 | 2110-486 | 4095-150 |
| W18L1-A | 911-0494 | 2100-508 | 2110-486 | 4095-143 |
| W24L1-A | 911-0494 | 2100-508 | 2110-486 | 4095-143 |
| W24L1-B | 911-0494 | 2100-508 | 2110-486 | 4095-242 |
| W30L1-A | 911-0490 | 2100-508 | 2110-485 | 4095-143 |
| W30L1-B | 911-0490 | 2100-508 | 2110-485 | 4095-242 |
| W30L1-C | 911-0490 | 2100-508 | 2110-485 | 4095-342 |
| W36L1-A | 911-0490 | 2100-508 | 2110-485 | 4095-143 |
| W36L1-B | 911-0490 | 2100-508 | 2110-485 | 4095-242 |
| W36L1-C | 911-0490 | 2100-508 | 2110-485 | 4095-342 |
| W42L1-A | 911-0497 | 2100-508 | 2110-484 | 4095-144 |



Wall-Mount™ Air Conditioners

| | | | | |
|---------|----------|--------------------------|--------------------------|--------------------------|
| W42L1-B | 911-0497 | 2100-508 | 2110-484 | 4095-244 |
| W42L1-C | 911-0497 | 2100-508 | 2110-484 | 4095-343 |

W Series (Right-Hand) Wall-Mount Air Conditioners ~ R-410A (Standard)

| Models | Literature Assembly | Installation Manual | Parts Manual | Wiring Diagram |
|--|---------------------|--------------------------|--------------------------|--------------------------|
| W48L1-A | 911-0497 | 2100-508 | 2110-484 | 4095-144 |
| W48L1-B | 911-0497 | 2100-508 | 2110-484 | 4095-244 |
| W48L1-C | 911-0497 | 2100-508 | 2110-484 | 4095-343 |
| W60L1-A | 911-0497 | 2100-508 | 2110-484 | 4095-144 |
| W60L1-B | 911-0497 | 2100-508 | 2110-484 | 4095-244 |
| W60L1-C | 911-0497 | 2100-508 | 2110-484 | 4095-343 |
| W70L1-A | 911-0505 | 2100-508 | 2110-490 | 4095-151 |
| W70L1-B | 911-0505 | 2100-508 | 2110-490 | 4095-246 |
| W70L1-C | 911-0505 | 2100-508 | 2110-490 | 4095-344 |
| W**L Low Voltage Control Wiring | | | | 2100-507 |
| W**A Installation Manual Spanish Translation | | | | 2100S508 |

Telecom Shelter Upgrade Series Wall-Mount A/C~ (Right-Hand) – R-410A

| Models | Literature Assembly | Installation Manual | Parts Manual | Wiring Diagram |
|---------|---------------------|--------------------------|--------------------------|--------------------------|
| W48A12A | 911-0495 | 2100-515 | 2110-488 | 4095-144 |
| W48A13A | 911-0495 | 2100-515 | 2110-488 | 4095-144 |
| W60A12A | 911-0495 | 2100-515 | 2110-488 | 4095-144 |
| W60A13A | 911-0495 | 2100-515 | 2110-488 | 4095-144 |
| W70A13A | 911-0506 | 2100-515 | 2110-489 | 4095-151 |

Telecom Shelter Upgrade Series Wall-Mount A/C~ (Left-Hand) – R-410A

| Models | Literature Assembly | Installation Manual | Parts Manual | Wiring Diagram |
|---------|---------------------|--------------------------|--------------------------|--------------------------|
| W48L12A | 911-0495 | 2100-515 | 2110-488 | 4095-144 |
| W48L13A | 911-0495 | 2100-515 | 2110-488 | 4095-144 |
| W60L12A | 911-0495 | 2100-515 | 2110-488 | 4095-144 |
| W60L13A | 911-0495 | 2100-515 | 2110-488 | 4095-144 |



Wall-Mount™ Air Conditioners

W70L13A

911-0506

[2100-515](#)

[2110-489](#)

[4095-151](#)

W Series Wall-Mount Air Conditioners ~ (Dehumidification) – R-410A

| Models | Literature Assembly | Installation Manual | Parts Manual | Wiring Diagram |
|--|---------------------|--------------------------|--------------------------|--------------------------|
| W42A1DA | 911-0491 | 2100-508 | 2110-481 | 4095-145 |
| W42A1DB | 911-0491 | 2100-508 | 2110-481 | 4095-245 |
| W42A1DC | 911-0491 | 2100-508 | 2110-481 | 4095-345 |
| Supplemental Dehumidification Manual For The Above | | | 7960-572 | |
| W48A1DA | 911-0491 | 2100-508 | 2110-481 | 4095-145 |
| W48A1DB | 911-0491 | 2100-508 | 2110-481 | 4095-245 |
| W48A1DC | 911-0491 | 2100-508 | 2110-481 | 4095-345 |
| Supplemental Dehumidification Manual For The Above | | | 7960-572 | |
| W60A1DA | 911-0491 | 2100-508 | 2110-481 | 4095-145 |
| W60A1DB | 911-0491 | 2100-508 | 2110-481 | 4095-245 |
| W60A1DC | 911-0491 | 2100-508 | 2110-481 | 4095-345 |
| Supplemental Dehumidification Manual For The Above | | | 7960-572 | |
| W**A*D Low Voltage Control Wiring | | | | 2100-507 |

W*RV Series Variable Capacity Wall-Mount A/C ECU

| Models | Literature Assembly | Installation Manual | Parts Manual | Wiring Diagram |
|---------|--------------------------|---|--------------------------|--------------------------|
| W3RV1-R | 911-0536 | 2100-538 | 2110-495 | 4095-157 |
| W3RV1-S | 911-0536 | 2100-538 | 2110-495 | 4095-254 |
| W3RV1-T | 911-0536 | 2100-538 | 2110-495 | 4095-354 |
| W5RV1-R | 911-0539 | 2100-538 | 2110-496 | 4095-157 |
| W5RV1-S | 911-0539 | 2100-538 | 2110-496 | 4095-254 |
| W5RV1-T | 911-0539 | 2100-538 | 2110-496 | 4095-354 |
| W6RV1-S | 911-0543 | 2100-538 | 2110-497 | 4095-254 |
| W6RV1-T | 911-0543 | 2100-538 | 2110-497 | 4095-354 |
| | 2100-559 | 8403-066 ECU Series Controller Installation Operation & Quick Start | | |
| | 2100-560 | 8403-066 ECU Series Controller Advanced Programming & Features | | |



Wall-Mount™ Air Conditioners

W*LV Series Variable Capacity Wall-Mount A/C ECU

| | | | | |
|---------|--------------------------|--------------------------|--------------------------|--------------------------|
| W3LV1-R | 911-0536 | 2100-538 | 2110-495 | 4095-157 |
| W3LV1-S | 911-0536 | 2100-538 | 2110-495 | 4095-254 |
| W3LV1-T | 911-0536 | 2100-538 | 2110-495 | 4095-354 |
| W5LV1-R | 911-0539 | 2100-538 | 2110-496 | 4095-157 |
| W5LV1-S | 911-0539 | 2100-538 | 2110-496 | 4095-254 |
| W5LV1-T | 911-0539 | 2100-538 | 2110-496 | 4095-354 |
| W6LV1-S | 911-0543 | 2100-538 | 2110-497 | 4095-254 |
| W6LV1-T | 911-0543 | 2100-538 | 2110-497 | 4095-354 |
| | 2100-559 | | | |
| | 2100-560 | | | |

8403-066 ECU Series Controller Installation Operation & Quick Start
8403-066 ECU Series Controller Advanced Programming & Features