

# GSZV902410

Generated from workbook row data

| Attribute                     | Value  |
|-------------------------------|--|
| Brand                         | Goodman  |
| ProductCategory               | Unitary  |
| ProductClassPIM               | Split Heat Pump  |
| System Family                 | Unitary Split System   |
| Function Category             | Heat Pump  |
| Product Type                  | Equipment  |
| Unit Type                     | Outdoor  |
| Market Type                   | Residential-Single Family  |
| Product Family                | GSZV9  |
| Series Name                   | GSZV9  |
| Short Description             | Goodman Split Heat Pump 19.2 SEER2, Inverter   |
| Model Efficiency              | 19.2 SEER2   |
| Family Description            | High-Efficiency, Communicating, Variable-Speed, Inverter Driven Split System Heat Pump, Up to 21.0 SEER2 & 8.5 HSPF2   |
| Product Benefits              | Meets the 2023 M1 Test Standards   |
| Product Features - (Standard) | <p>Variable-speed swing and scroll compressors<br/>           High-density compressor sound blanket<br/>           Integrated communicating ComfortBridge™ Technology<br/>           Variable-speed, quiet DC outdoor fan motor<br/>           Control algorithmic logic<br/>           In communicating mode, only two low-voltage wires to outdoor unit required<br/>           Commissioning and diagnostics via indoor board Bluetooth with the CoolCloud™ phone and tablet application<br/>           Diagnostic indicator lights, seven-segment LED display, and fault code storage<br/>           Inside intelligence for diagnostics<br/>           Field-selectable boost mode increases compressor speed during unusually high loads<br/>           Field-installed bi-flow filter drier<br/>           Coil and ambient temperature sensors<br/>           Suction pressure transducer<br/>           Sweat connection service valves with easy access to gauge ports<br/>           AHRI Certified<br/>           ETL Listed</p> |
| Cabinet Features              | <p>Heavy-gauge galvanized-steel cabinet<br/>           Removable grille-style top design compliant with UL 60335-2-40<br/>           Venturi for increased velocity of airflow<br/>           Custom Nickel Gray powder-paint finish<br/>           Wire fan discharge grille<br/>           Steel louver coil guard<br/>           Top and side maintenance access<br/>           Single-panel access to controls with space provided for field-installed accessories<br/>           When properly anchored, meets the 2020 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)</p>   |

| Attribute                                     | Value  |
|---|--|
| Installation Type                             | Ducted   |
| Communication Feature                         | Yes  |
| Communication Feature Type                    | Goodman GTST Smart Thermostat  |
| DOE Regional Compliance                       | All  |
| Export Control Classification Number - (ECCN) | EAR99  |
| Universal Product Code (UPC)                  | 663051638167   |
| Item Stocking Unit of Measure (UOM)           | EA   |
| Pallet Qty                                    | 1  |
| Country of Origin                             | USA  |
| US HTS Code                                   | 8415.90.8070   |
| Canadian HTS Code                             | 8415.90.90.00  |
| Long Description                              | Goodman GSZV9 Split Heat Pump 19.2 SEER2, Inverter, 2 Ton, Goodman GTST Smart Thermostat |
| ProductDescriptionPIM                         | 2 Ton, heat Pump, Inverter, 19.2 SEER2, 8.2 HSPF2  |
| COP47HSVTC                                    | 3.33   |
| EER2HSVTC                                     | 12   |
| ENERGYSTARCertified                           | Yes  |
| HeatingCapacityNominal                        | 24000 Btu/H  |
| HSPF2HSVTC                                    | 8.2  |
| SEER2HSVTC                                    | 21   |
| InstallationConfiguration                     | Top Discharge  |
| Producer                                      | Yes  |
| ProductIDBarCode                              | GSZV902410   |
| CoolingOperationRangeStdMax                   | 125 °F   |
| CoolingOperationRangeStdMin                   | 0 °F   |
| HeatingOperationRangeStdMax                   | 70 °F  |
| HeatingOperationRangeStdMin                   | -20 °F   |
| RatedCoolingConditionAmbientDB                | 95 °F  |
| RatedCoolingConditionAmbientWB                | 75 °F  |
| RatedCoolingConditionRoomDB                   | 80 °F  |
| RatedCoolingConditionRoomWB                   | 67 °F  |
| RatedHeatingConditionAmbientDB                | 47 °F  |

| Attribute                       | Value       |
|---------------------------------|-------------|
| RatedHeatingConditionAmbientWB  | 43 °F       |
| RatedHeatingConditionRoomDB     | 70 °F       |
| RatedHeatingConditionRoomWB     | 60 °F       |
| CompressorRLA                   | 12.7 A      |
| CurrentType                     | AC          |
| MaxOvercurrentProtection        | 20 A        |
| MaxVoltage                      | 253 V       |
| MinVoltage                      | 197 V       |
| PowerFrequency                  | 60 Hz       |
| PowerPhase                      | 1 Ph        |
| PowerVoltage                    | 208/230 V   |
| RatedLoadAmps                   | 12.7 A      |
| CompressorStages                | Inverter    |
| CompressorType                  | Inverter    |
| DimensionsUnitDepth             | 35.5 in     |
| DimensionsUnitHeight            | 38.25 in    |
| DimensionsUnitWidth             | 35-1/2 in   |
| EnergySource                    | Electric    |
| ExpansionDevice                 | EEV;TXV     |
| MotorSpeedType                  | Multi-Speed |
| SoundPressureHighCooling        | 68 dBA      |
| WeightUnit                      | 217 lb      |
| CoolingCapacityRated            | 23200 Btu/H |
| HeatingCapacityRated            | 23000 Btu/H |
| Tonnage                         | 2           |
| AdditionalRefrigerantCharge     | 0.6 lb      |
| FactoryStdRefrigerantCharge     | 165 oz      |
| MaxPipeLengthTotal              | 200 ft      |
| MaxPipeLengthVertical           | 90 ft       |
| PipeSizeLiquid                  | 3/8 in      |
| RefrigerantPreChargedLineLength | 15 ft       |
| RefrigerantType                 | R-410A      |

| <b>Attribute</b>                         | <b>Value</b>               |
|--|----------------------------|
| ValveConnectionType                      | Ball Valve                 |
| ValveSizeLiquidOD                        | 3/8 in                     |
| ValveSizeSuctionOD                       | 3/4 in                     |
| Proposition 65 Label                     | Yes                        |
| Carton Type                              | CTN                        |
| Case Qty                                 | 1                          |
| Dimensions - (Case Depth)                | 37.00 in                   |
| Dimensions - (Case Height)               | 40.50 in                   |
| Dimensions - (Case Width)                | 37.00 in                   |
| Dimensions - (Distribution Unit Depth)   | 37 in                      |
| Dimensions - (Distribution Unit Height)  | 40.5 in                    |
| Dimensions - (Distribution Unit Width)   | 37 in                      |
| Dimensions - (Pallet Depth)              | 37.00 in                   |
| Dimensions - (Pallet Height)             | 40.50 in                   |
| Dimensions - (Pallet Width)              | 37.00 in                   |
| Dimensions - (Shipping Unit Depth)       | 37.00 in                   |
| Dimensions - (Shipping Unit Height)      | 40.50 in                   |
| Dimensions - (Shipping Unit Width)       | 37.00 in                   |
| Distribution Shipping Volume - (Unit)    | 55444.5 in <sup>3</sup>    |
| Shipping Volume - (Unit)                 | 55444.500 in <sup>3</sup>  |
| Truck Factor                             | 0                          |
| Volume - (Case)                          | 55444.500 in <sup>3</sup>  |
| Volume - (Distribution Shipping Unit)    | 55444.5 in <sup>3</sup>    |
| Weight - (Case)                          | 251.090 lb                 |
| Weight - (Distribution Shipping Unit)    | 251.09 lb                  |
| Weight - (Shipping Unit)                 | 251.090 lb                 |
| Registered Parts Warranty - Commercial   | ALL PARTS - 5 YEARS PARTS  |
| Registered Parts Warranty - Multi-Family | ALL PARTS - 10 YEARS PARTS |

| Attribute  | Value  |
|--|--|
| Registered Parts Warranty - Residential            | COMPRESSORS - 10 YEARS PARTS<br>ALL PARTS - 10 YEARS PARTS<br>COMPRESSORS - 10 YEARS PARTS<br>COMPRESSORS - 10 YEARS PARTS<br>ALL PARTS - 10 YEARS PARTS<br>ALL PARTS - 10 YEARS PARTS |
| Registered Unit Replacement Warranty - Residential | COMPRESSORS - 10 YEARS UNIT REPLACEMENT<br>COMPRESSORS - 10 YEARS UNIT REPLACEMENT<br>COMPRESSORS - 10 YEARS UNIT REPLACEMENT  |
| Standard Parts Warranty - Commercial               | ALL PARTS - 5 YEARS PARTS  |
| Standard Parts Warranty - Multi-Family             | ALL PARTS - 5 YEARS PARTS  |
| Standard Parts Warranty - Residential              | ALL PARTS - 5 YEARS PARTS  |
| Ecomm Path Display                                 | Equipment/Residential Split System/Split Heat Pump   |
| Release Status                                     | Obsolete   |