

# GLZT7CA3610

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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	GLZT7C
Series Name	GLZT7C
Short Description	Goodman Split Heat Pump 17.2 SEER2, Two Stage
Model Efficiency	17.2 SEER2
Family Description	High-Efficiency, Communication, Split System Heat Pump Up to 17.2 SEER2 & 8.2 HSPF2
Product Benefits	Meets the 2023 M1 Test Standards
Product Features - (Standard)	<p>Two-Stage Copeland® UltraTech scroll compressor            High-density foam compressor sound blanket            Integrated communicating ComfortBridge™ technology            Commissioning and diagnostics via indoor board Bluetooth with the CoolCloud™ phone and tablet application            ComfortAlert™ built in diagnostics            Copper tube/enhanced aluminum fin coil- 5mm on 2.0-3.0T            Copper tube/enhanced aluminum fin coil - 7mm on 4.0-5.0T            Efficient, two-speed ECM condenser fan motor            Simple low-voltage wiring to outdoor unit in communicating mode            Diagnostic indicator lights and storage of six fault codes            Color-coded terminal strip for non-communicating set-up            High- and low-pressure switches            Time-delay technology with short-cycle protection to ensure quiet, reliable defrost            Factory-installed bi-flow liquid-line filter drier            Factory-installed suction-line accumulator            Factory-installed compressor crankcase heater            Factory-installed high-capacity muffler            Factory-installed coil and ambient temperature sensors            AHRI Certified            ETL Listed</p>

Attribute	Value
Cabinet Features	Grille-style sound control top design Custom Nickel Gray powder-paint finish 500-hour salt-spray tested Wire fan discharge grille Steel louver coil guard Single panel access to controls with space provided for field-installed accessories Sweat connection service valves with easy access to gauge ports When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)
Installation Type	Ducted
Communication Feature	Yes
Communication Feature Type	Goodman GTST Smart Thermostat
DOE Regional Compliance	All
Export Control Classification Number - (ECCN)	EAR99
ISO Certified	Yes
Product Notes	R32 Outdoor
Universal Product Code (UPC)	663051747661
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 GLZT7C Split Heat Pump 17.2 SEER2, Two Stage, 3 Ton, Goodman GTST Smart Thermostat
ProductDescriptionPIM	17.2 SEER2 HP R32, 3 ton
EER2HSVTC	12.5
ENERGYSTARCertified	Yes
HeatingCapacityNominal	36000 Btu/H
HSPF2HSVTC	8.1
HSPFDucted	8.1
SEER2HSVTC	17.2
InstallationConfiguration	Top Discharge
Producer	Yes
ProductIDBarcode	GLZT7CA3610
CoolingOperationRangeStdMax	125 °F

Attribute	Value
CoolingOperationRangeStdMin	55 °F
HeatingOperationRangeStdMax	70 °F
HeatingOperationRangeStdMin	-20 °F
RatedCoolingConditionAmbientDB	95 °F
RatedCoolingConditionAmbientWB	75 °F
RatedHeatingConditionAmbientDB	47 °F
RatedHeatingConditionAmbientWB	43 °F
MaxOvercurrentProtection	35 A
MinCircuitAmps	20.8 A
PowerFrequency	60 Hz
PowerPhase	1 Ph
PowerVoltage	208/230 V
RatedLoadAmps	14.6 A
CompressorStages	Two Stage
CompressorType	Scroll
DimensionsUnitDepth	35.75 in
DimensionsUnitHeight	35.5 in
DimensionsUnitWidth	35-1/2 in
EnergySource	Electric
MotorSpeedType	Multi-Speed
SoundPressureHighCooling	71 dBA
WeightUnit	262 lb
CoolingCapacityRated	34800 Btu/H
HeatingCapacityRated	34400 Btu/H
Tonnage	3
AdditionalRefrigerantCharge	0.58 lb
FactoryStdRefrigerantCharge	129 oz
MaxPipeLengthTotal	150 ft
MaxPipeLengthVertical	80 ft
PipeSizeGas	7/8 in
PipeSizeLiquid	3/8 in
RefrigerantPreChargedLineLength	15 ft

Attribute	Value
RefrigerantType	R-32
ValveSizeLiquidOD	3/8 in
ValveSizeSuctionOD	7/8 in
Proposition 65 Label	Yes
Carton Type	CTN
Case Qty	1
Dimensions - (Case Depth)	37.00 in
Dimensions - (Case Height)	38.50 in
Dimensions - (Case Width)	37.00 in
Dimensions - (Distribution Unit Depth)	37 in
Dimensions - (Distribution Unit Height)	38.5 in
Dimensions - (Distribution Unit Width)	37 in
Dimensions - (Pallet Depth)	37.00 in
Dimensions - (Pallet Height)	38.50 in
Dimensions - (Pallet Width)	37.00 in
Dimensions - (Shipping Unit Depth)	37.00 in
Dimensions - (Shipping Unit Height)	38.50 in
Dimensions - (Shipping Unit Width)	37.00 in
Distribution Shipping Volume - (Unit)	52706.5 in <sup>3</sup>
Shipping Volume - (Unit)	52706.500 in <sup>3</sup>
Truck Factor	0
Volume - (Case)	52706.500 in <sup>3</sup>
Volume - (Distribution Shipping Unit)	52706.5 in <sup>3</sup>
Weight - (Case)	270.000 lb
Weight - (Distribution Shipping Unit)	266.09 lb
Weight - (Shipping Unit)	270.000 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 COMPRESSORS - 10 YEARS PARTS ALL PARTS - 10 YEARS PARTS ALL PARTS - 10 YEARS PARTS COMPRESSORS - 10 YEARS PARTS ALL PARTS - 10 YEARS PARTS
Registered Unit Replacement Warranty - Residential	COMPRESSORS - 10 YEARS UNIT REPLACEMENT COMPRESSORS - 10 YEARS UNIT REPLACEMENT 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	Active