

Submittal Data Sheet

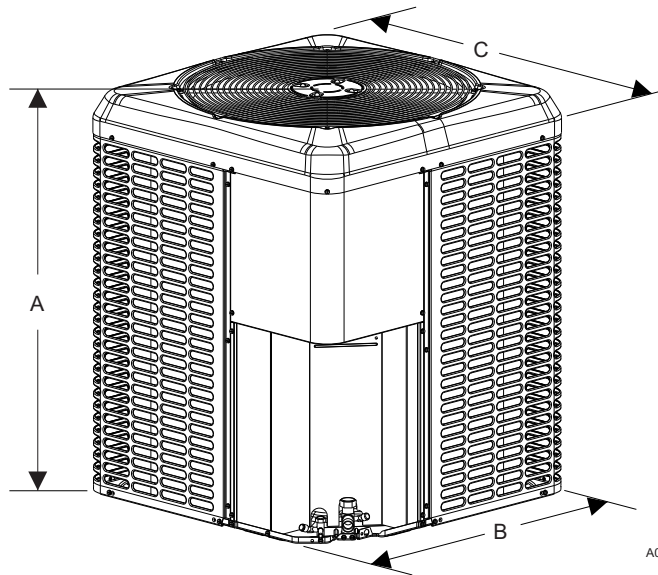
LX Series Split-System Heat Pumps 14.3 SEER2 – R-410A – Single-Phase – 1.5 to 5 Nominal Ton Models: THE2B18 to 60

Job name:			Location:		
Purchaser:			Order number:		
Engineer:					
Submitted to:		For:	Ref:	Approval:	Construction:
Submitted by:			Date:		
Unit designation:			Schedule number:	Model number:	

Product data

Cooling performance	
Total capacity _____	MBH
Outdoor design temperature _____	°F
Heating performance	
Total capacity _____	MBH
Outdoor design temperature _____	°F
Electrical data	
Power supply _____	/ / _____
Compressor ampacity _____	A
Total unit ampacity _____	A
Power input required _____	kW
Minimum wire size _____	AWG
Maximum overcurrent device	
<input type="checkbox"/> Fuses	<input type="checkbox"/> Circuit breaker
Unit weight	
Unit weight _____	lb

Dimensions



A0339-001

Unit model	Dimensions (in.)			Refrigerant connection service valve size (in.)	
	A	B	C	Liquid	Vapor
THE2B18S21S	33 1/4	24	24	3/8	3/4
THE2B24T21S	36 1/4	24	24		
THE2B30T21S	30	29 1/4	29 1/4		
THE2B36T21S	33 1/4	35 1/4	31 3/4		
THE2B42T21S	39 1/2	35 1/4	31 3/4	7/8	
THE2B48T21S	39 1/2	35 1/4	31 3/4		
THE2B60T21S	46	38	34 1/4		

Notes:

All dimensions are in inches and are subject to change without notice.
Overall height is from bottom of base pan to top of fan guard.
The overall length and width include screw heads.



Features

- **Easier installation** - Independent panels provide quick access for unit setup. Installation time is reduced by easy power and control wiring access. All models use TXVs. The filter-drier is shipped loose for installation in the field. The unit is factory-charged for 15 ft refrigeration piping. The small base dimension and reduced unit clearances make for easier retrofits.
- **Accessible information** - QR code on unit provides quick access to technical documents and warranty information.
- **Durable finish** - The coated steel wire fan guard, coated external fasteners, and pre-treated G90-equivalent galvanized steel chassis components resist corrosion and rust creep. Powdercoat paint further protects external panels.
- **Rugged coil protection** - Coils are protected from mechanical damage by a an extruded louver coil guard.
- **Quality coils** - Enhanced aluminum fins are mechanically bonded to copper tubing.
- **Protected compressor** - Compressors are protected internally by a high-pressure relief valve and a temperature sensor, and externally by the system high-pressure and low-pressure switches.
- **Reliable operation** - Ball bearing fan motors provide superior performance in extreme temperatures.
- **Environmentally friendly** - CFC-free R-410A refrigerant delivers environmentally-friendly performance with zero ozone depletion.
- **Top discharge** - Warm air is blown up, away from the structure and any landscaping and allows compact location on multi-unit applications.
- **Low operating sound levels** - Developed using CFD and FEA tools, the sturdy cabinet and top design provide sound performance as low as 66 dBA. Compatible accessories for further sound reduction are also available.
- **Better service access** - Diagonal base valves with open access for low-loss fittings, single panel access to the electrical controls, full corner access, and removable fan guard allow easy access for unit maintenance.
- **Agency listed** - Safety certified by CSA to UL 1995/CSA 22.2. Performance certified to ANSI/AHRI Standard 210/240 in accordance with the Unitary Small Equipment certification program.

Warranty summary*

Standard 5-year limited parts warranty.

Standard 10-year limited compressor warranty.

Extended 10-year limited parts warranty when product is registered online within 90 days of purchase for replacement or closing for new home construction.

*Does not apply to R-22 models, 3-phase models, or internet sales.

See the *Limited Warranty* certificate in the *User's Information Manual* for details.

Typical clearances

Maintain the following minimum clearances if any patio or yard improvements are done around the outdoor unit:

- 10 in. clearance coil area
- 48 in. overhead clearance
- 24 in. minimum service panel access
- 24 in. minimum unit to unit distance

Matching air side equipment

Model number: _____

Submittal form number: _____

Field-installed accessories

Standard Low Ambient Control (S1-2LA06700424) - This is for single-stage models only.

Outdoor thermostat to prevent electric heat operation above selected set point (S1-37327982001)

Compressor Start Assist (S1-2SA067_____)*

Compressor Crankcase Heater (S1-025_____)*

Anchor Bracket Kit (S1-1HK0401)

Indoor TXV Kit (S1-1TVM_____)*

Cold Weather Charging Tent (S1-CHGTENT01)

Touch-up Paint (S1-5130153_____)

Compressor Sound Blanket (S1-010076_____)*

Note: * Refer to the price pages for accessory information.

Thermostat - Compatible thermostat controls are available through accessory sourcing. For optimum performance, these outdoor units are fully compatible with our residential Hx™ Touch Screen Thermostat available through Source 1. For more information, refer to the thermostat section of the Product Equipment Catalog.

Refer to the *Technical Guide* for detailed specifications on the unit and its accessories.

Verify the actual ratings for each specific matchup in the online AHRI directory at www.ahridirectory.org at the time of bid or sale. Print the rating certificate, if needed, at the time of bid or sale.