

# SERVICE BULLETIN



## SR – 084

DATE: January 20, 2022  
TO: All Service and Parts Managers  
SUBJECT: Rotary Compressors Require Hard Start Kit when Paired with Indoor TXV

All outdoor equipment utilizing a rotary compressor when matched with a TXV equipped indoor coil are **REQUIRED** to have a hard start kit installed per the Installation Instructions. Shown below are the manufacturer approved hard start kits. The appropriate hard start kit can be found in the accessories section of the Spec Sheet of the outdoor equipment. Operating the unit without the proper Hard Start Kit can cause damage to or failure of the unit. Such damage or failure is not covered under the unit's warranty.

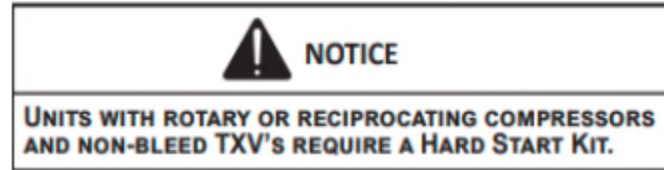
Part #
CSR-U-1
CSR-U-2
CSR-U-3



### Hard Start Kit Part #'s

Part #	Description
CSR-U-1	Hard-start Kit
CSR-U-2	Hard-start Kit
CSR-U-3	Hard-start Kit

### Notice Shown in IO's



**NOTICE:** Any unit with a rotary or scroll compressor and a line set length over 79' would require a hard start kit.

If compressor type is unknown, please refer to one of the discovery options below.

1. Review the equipment Spec Sheets shown in the example below
2. Call your Distributor or Customer Service Representative
3. Call Goodman Tech Support at **888-593-9988**

	GSX14 0181M*	GSX14 0191K*	GSX14 0241L*	GSX14 0251L*	GSX14 0301K*	GSX14 0301N*	GSX14 0311K*
<b>CAPACITIES</b>							
Max Cooling (BTU/h)	18,000	18,000	24,000	24,000	30,000	30,000	30,000
SEER/EER	14 / 11.5	14 / 12.2	14 / 12	14 / 12.2	14/12.0	14/11.5	14 / 12.2
Decibels	75	71	74	71	72	73	72
<b>COMPRESSOR</b>							
RLA	6.0	9.0	7.7	13.5	12.8	12.1	12.8
LRA	37.5	47.5	38.0	58.3	64	55	67.8
Type	Rotary	Scroll	Rotary	Scroll	Scroll	Rotary	Scroll

If you have questions regarding this bulletin, please contact [TechServices@goodmanmfg.com](mailto:TechServices@goodmanmfg.com)

T: 888-593-9988 | F: 713-316-5541

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**2023 SEER2 Units with Factory Installed HSK Kits**

<b>2023 SEER2 Units with Factory Installed HSK Kits</b>		
<b>Models with HSK Kits</b>		<b>Models without HSK Kits</b>
GSXN401810AA - Rechi- HSK	DZ4SQA1810AA- Rechi - HSK	G/VSXN3N1810AA- Rechi - no HSK
GSXN402410AA- Rechi - HSK	DZ4SQA2410AA- Rechi - HSK	ASXN3N1810AA- Rechi - no HSK
GSXN403010AA- Panasonic - HSK	DX4SQA1810AA- Rechi- HSK	DX3SQN1810AA Rechi - no HSK
ASXN401810AA - Rechi- HSK	DX4SQA2410AA- Rechi- HSK	
ASXN402410AA- Rechi- HSK	DX4SQA3010AA- Panasonic- HSK	
ASXN403010AA- Panasonic - HSK	DX3SQN2410AA - HSK	
GSZB401810AA- Rechi- HSK	DX3SQN3010AA - HSK	
GSZB402410AA- Rechi- HSK	DX3SQN2410AA - HSK	
ASZN401810AA- Rechi - HSK	DX3SQN3010AA - HSK	
ASZN402410AA- Rechi- HSK	DX3SQN2410AA - HSK	
ASXN3N2410AA- Rechi - HSK	DX3SQN3010AA - HSK	
ASXN3N3010AA- Panasonic - HSK	G/VSXN3N2410AA- Rechi - HSK	
GSZB401810AA- Rechi- HSK	G/VSXN3N3010AA- Panasonic - HSK	
GSZB402410AA- Rechi- HSK	GSXC70**10AA	
ASXC70**10AA	DX7TCA**10AA	
GSZC70**10AA	ASZC70**10AA	
DZ7TCA**10AA		