

# 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.

### 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

 <b>NOTICE</b>
<b>UNITS WITH ROTARY OR RECIPROCATING COMPRESSORS AND NON-BLEED TXV'S REQUIRE A HARD START KIT.</b>

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)

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