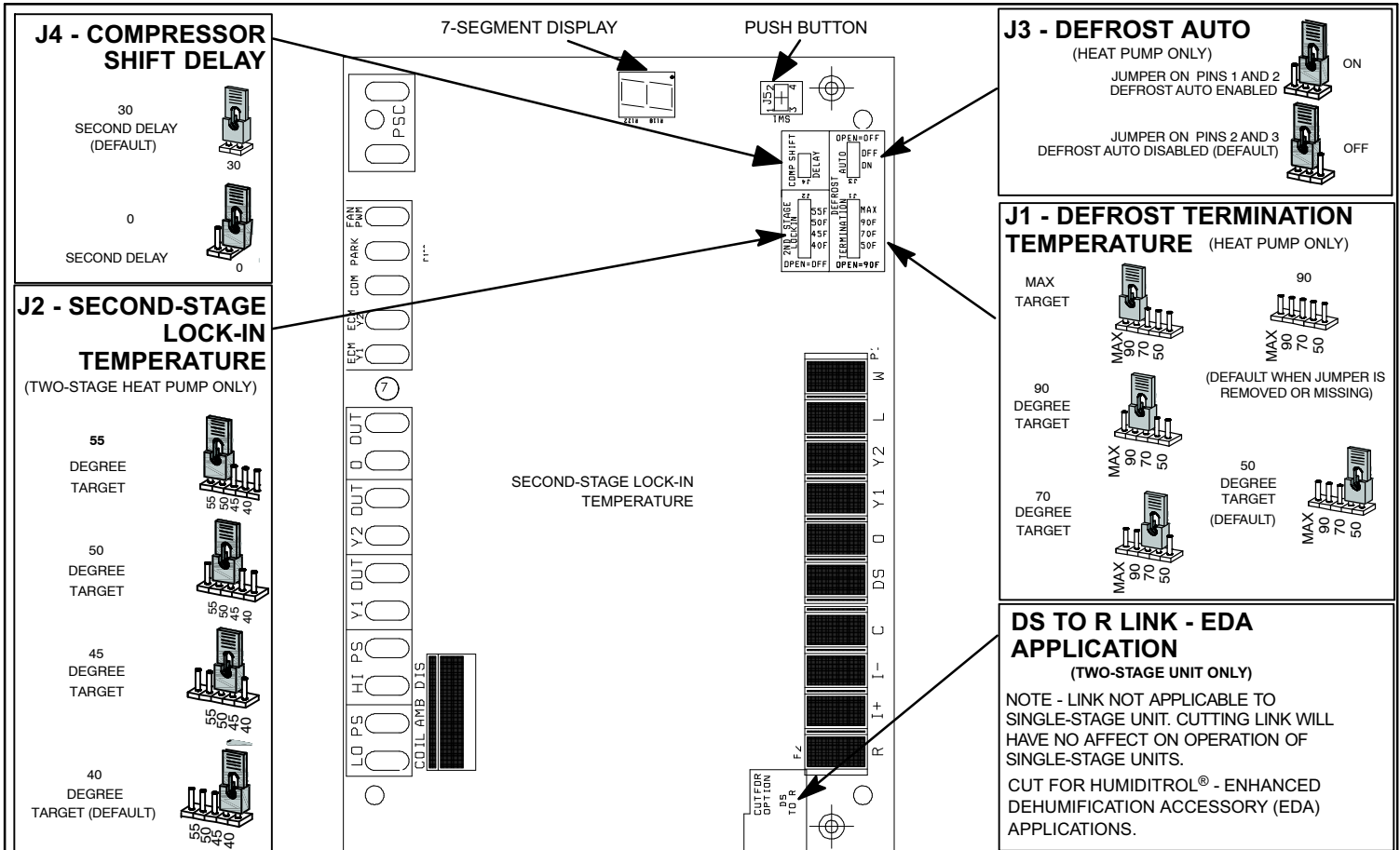


OUTDOOR UNIT JUMPER AND LINK GUIDE



J1 - DEFROST TERMINATION TEMPERATURE

1. The J1 jumper is factory-set to 50°F (10°C). This jumper can be repositioned to terminate defrost at 70°F, 90°F or MAX (21°C, 32°C and MAX). If there is no jumper on J1, the default termination temperature is 90°F (32°C).

NOTE - Colder climates may require a higher defrost termination temperature to maintain a clear coil.

2. If the J1 jumper is set to MAX, defrost will run maximum defrost sequence.

J3 - DEFROST AUTO

1. Defrost Auto can be set to either ON or OFF. Factory setting is OFF.

Note: If the jumper is missing the default is OFF.

2. Defrost Auto is set to OFF, the defrost cycle will run and terminate based on J1 setting.

3. Defrost Auto is set to ON, the defrost termination will be determined based on the following rules:

A.. The first defrost after the unit is powered up, or the first defrost after cooling call, will terminate based on the J1 setting.

B.. The accumulated heating run-time between defrost cycles:

- **If the heating run time between defrost cycles is less than 45 minutes**, the defrost termination temperature will be increased for the next defrost cycle based on the current termination setting. If the current termination setting is 50°F or 70°F, then the next defrost termination will be 90°F. If J1 is set at 90°F or MAX, the next defrost cycle will terminate at the MAX setting.
- **If the heating run time between defrosts is longer than 1 hour for 2 consecutive heating cycles** and the termination temperature is set at 50°F, 70°F, or 90°F, then the defrost control will follow the J1 jumper setting during the next defrost cycle. If the J1 jumper is set to MAX, then the next defrost termination temperature will be decreased to 90°F.

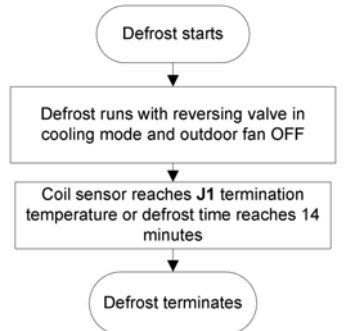
C.. If J1 is set to MAX, the system will always run at MAX when accumulated compressor OFF time is longer than 30 minutes and ambient temperature is less than 35°F.

D.. When the ambient sensor temperature is higher than 40°F and J1 is set to MAX, defrost termination will be 90°F. If J1 is 50°F, 70°F, or 90°F, defrost termination will follow the J1 setting.

COMMUNICATING SYSTEM - The jumper settings and link are default settings and ONLY control system operation if configuration settings in the iComfort® thermostat are not available.

NON-COMMUNICATING SYSTEM - The unit will operate based on jumper settings and R TO DS link on the MAIN CONTROL. All unit setting changes must be done at the MAIN CONTROL. The Lennox ComfortSense® 7000 thermostat may be used, as well as other non-communicating electronic-only thermostats.

Normal Defrost Sequence



Maximum Defrost Sequence

