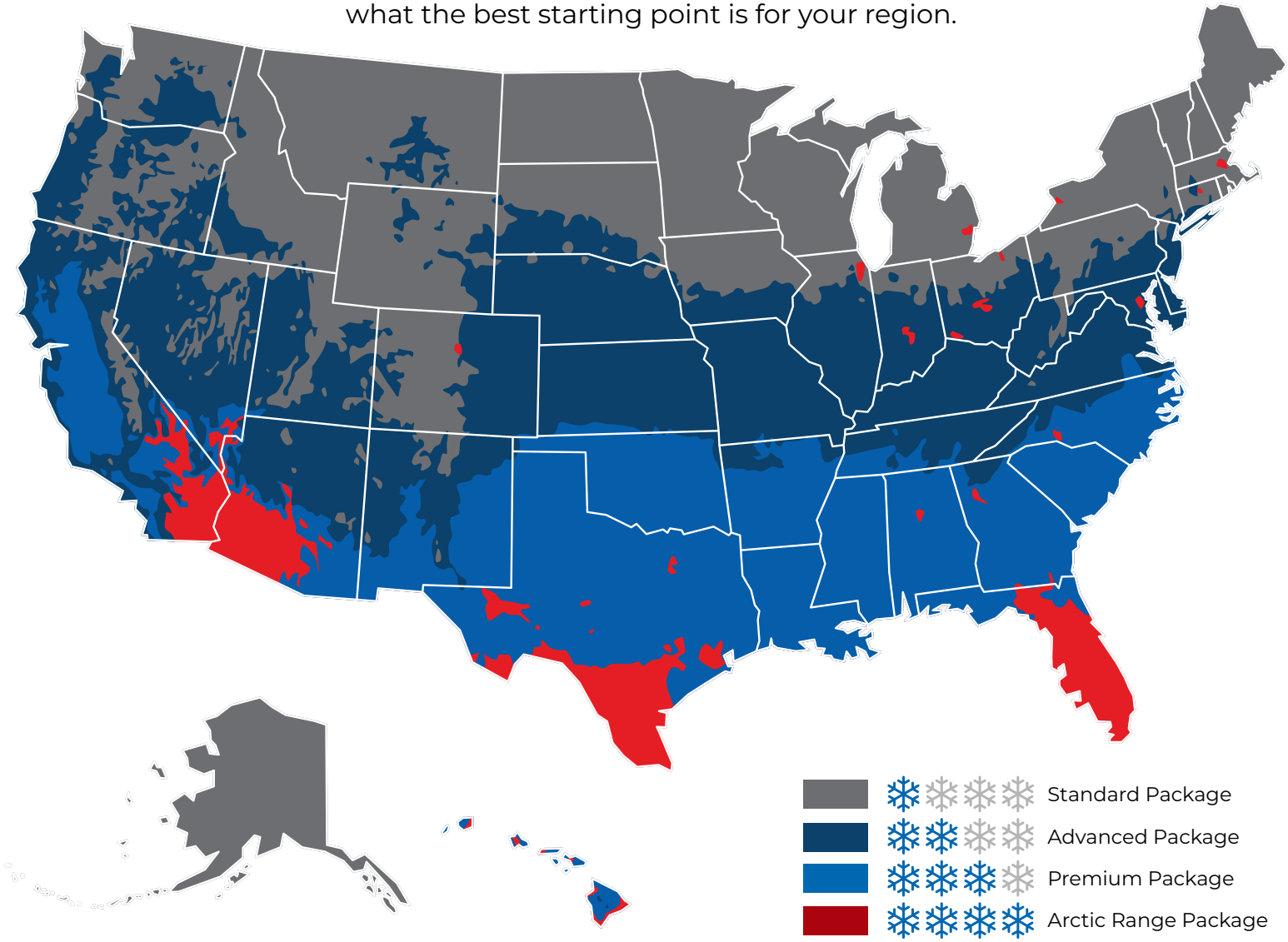
DEMERS
AMBULANCES

"We bought two Demers MXP 150 Type I ambulance with a robust HVAC package including a 135,000-BTU, roof-mount condenser and auxiliary compressor, and our crews couldn't be happier! Fort Mojave Mesa FD runs in an area where it's 110 - 125 degrees in summer, but we're able to keep our patients and crews cool. Every department in the Southwest should consider a Demers as their next ambulance."

– Bret Scholz, Fire Chief,
Fort Mojave Mesa Fire Department

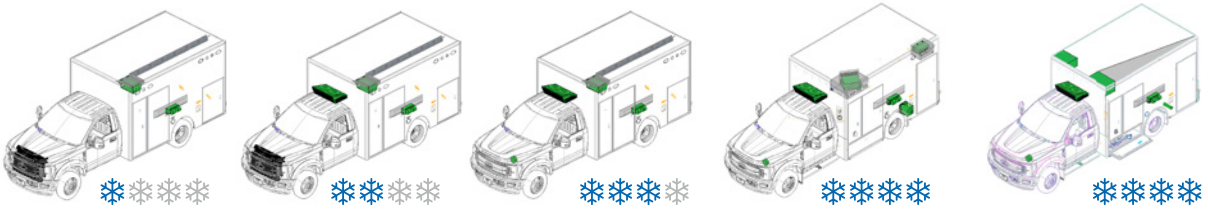
HVAC SYSTEM CONFIGURATION GUIDE

Every climate has an ideal A/C system configuration, find out what the best starting point is for your region.



**The map presented above is intended to be a tool to help identify the best HVAC system for each region. This map is based on average summer temperatures and does not take into account certain factors that can have an impact on climate, including but not limited to: humidity levels, elevation, and micro-climates. This map should be viewed not for its accuracy, but for the trend it presents and is to be used as a tool by sales representatives in guiding their customers to select the best-suited HVAC system for their needs.*

DEMERS HVAC OPTIONS



	STANDARD PACKAGE (Tie-in to OEM)	ADVANCED PACKAGE (Tie-in to OEM + auxiliary condenser)	PREMIUM PACKAGE (Independent compressor)	ARCTIC RANGE PACKAGE (MXP 153)	ARCTIC RANGE PACKAGE (MXP 170)
EVAPORATOR	30,000 Btu/h	30,000 Btu/h	30,000 Btu/h	1 x 30,000 Btu/h 1 x 22,000 Btu/h with brushless motors	2 x 30,000 Btu/h
FRONT WALL MOUNTED CONDENSER	NO	45,000 Btu/h*	**Type III:** 45,000 Btu/h** **Type I:** 60,000 Btu/h**	60,000 Btu/h	**Standard:** 95,000 Btu/h (Roof) **Optional:** 90,000 Btu/h (Front) **120V:** 48,000 Btu/h (Underneath)
TIED TO OEM COOLING LOOP	YES	YES	NO	NO	NO
TIED TO INDEPENDENT ENGINE-DRIVE COMPRESSOR	NO	NO	YES	YES	YES (215cc)
AIRFLOW	Through ducted outlets	Through ducted outlets	Through ducted outlets	Through evaporator outlets	**Curb side:** Through evaporator outlets **Street side:** Through ducted outlets

** Can be upgraded to 60,000 Btu/h*
*** Can be upgraded to 135,000 Btu/h roof-mounted*

SHORELINE HVAC (OPTION)

This option allows the air conditioning and heating to function when the ambulance is stationed, by plugging the shoreline into a 20 or 30 amp outlet, ensuring that the module is always at the right temperature. Contact your dealer for more information.

INSULATION PACKAGES

- Insulation adds to the efficiency of the A/C packages by reducing the effect of external temperatures and by retaining internal temperatures.

STANDARD: R4

- 1'' fiberglass panels glued between the side and ceiling beams
- ¼'' foam insulate the wheel wells
- Exterior panels are glued to reduce thermal bridges

UPGRADED: R8

- 2'' fiberglass panels glued between the side and ceiling beams
- ¼'' foam insulate the wheel wells.
- Exterior panels are glued to reduce thermal bridges

PREMIUM: R14

- High efficiency 2" thick insulation used in the module and the doors
- Insulation tape is added on interior beams to reduce thermal bridges and air leaks
- ¼" thick Manninglass insulated heat-shield is placed underneath the floor
- Wheel wells are insulated with ½" Armaflex foam
- Side entry steps are insulated with 1" thick high-efficiency urethane rigid panels

1170 Production Drive, Van Wert, OH 45891 • 1-800-363-7591 • demers-ambulances.com

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