

HydraCradle Tank

Freeze Guarding

Water freezes at 32° F (0° C), but, to be on the safe side, you should protect your HydraCradle Tank and hoses for any temperature below 35° F (1.67° C).

CAUTION

When operating the HydraCradle Tank during the colder months of the year, ensure that you properly freeze guard the system. Failure to take appropriate measures to prevent equipment damage due to freezing can result in system failure and loss of warranty on affected parts.

The following precautions are recommended prior to and during cleaning:

1. Run the HydraMaster cleaning unit HydraCradle Tank before leaving for the first job to ensure nothing has frozen the night before, including hoses and tool/wand.
2. Drain the remainder of the water in the tank by opening the drain valve (see Figure 1-2).
3. Insulate the fresh water hose (that connects from the outside water faucet to the HydraCradle Tank) from the cold ground by routing the hose through an extra 1½" (3.8 cm) vacuum hose.
4. Close the van doors until you begin cleaning; afterwards, open the doors only slightly.

NOTICE

In colder climates, insulating the vehicle walls and floor boards will help protect the equipment.

5. Do not procrastinate during the cleaning operation or the hot water solution line will also freeze on the ground. The solution line should be insulated in extremely cold climates.
6. Whenever possible, store the van in a heated garage at night or over the weekend. If not possible, place a 1,500 Watt electric heater inside the vehicle, aimed directly at the equipment.
7. Follow steps detailed in the preceding Daily Shut Down procedure.

NOTICE

When the van is not in operation, placing an electric heater in the vehicle or parking the vehicle indoors will help ensure against freezing, but should not be the primary method of freeze protection.