

#150-13571 VERDUN PLACE, RICHMOND, BC V6V 1W5

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COLD WEATHER PRECAUTIONS

It is important that engineers keep their flue gas analysers in a warm place overnight. Electronic devices that are allowed to become really cold, in an area without climate control, i.e. being left in a vehicle overnight, may suffer problems when taken into a warm climate the next morning.

Condensation can form which may affect the operation of the device and cause permanent damage to the circuit. The sensors that are used in some flue gas analysers can also be affected by condensation or by water being drawn into the analyser at the sample point. The very small aperture on the top of the sensors can become blocked with water, this stops sensors from seeing flue gas. When this happens the oxygen or carbon dioxide reading will generally be displayed as " - - - - " and the sensors could be permanently damaged.

If you think that your analyser is being affected by condensation or water ingress, it may be possible to rectify the problem yourself. Simply leave the analyser running in a warm place, with the pump 'ON', sampling fresh air for a few hours. (Use the main adapter/battery charger if you need to). If, after doing this you are still experiencing problems, please contact our service department.



UEi Canada Service Department

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