



805 BANCROFT AVENUE, POINTE-CLAIRE, QC, H9R 4L6

TEL: 514 695 9665 / FAX: 514 695 6804

## CH-INS13

### Coil Heaters

All Bucan **coil heaters** incorporate a conservative design approach, use premium quality raw materials and are made by a highly skilled staff. You can expect top performance and by following these instructions you will benefit from many years of trouble free service.

#### Installation:

1. Only qualified personnel are to install **industrial electric heating equipment** and must meet all national and local codes.
2. Ensure the power connections match the **voltage, phase and wattage** data on the nameplate.
3. The inside diameter of a **coil heater** is 0.02" smaller than the nominal diameter of a nozzle. This is done intentionally to secure a positive grip at all times. During installation, a coil heater should be screwed to its proper position. Pushing forcefully or slightly opening the coil to facilitate installation can permanently damage the heater.
4. During installation, only the straight cold-section may be slightly bent. This should be done in a single attempt. The bending radius shouldn't be less than 0.5". It is always recommended to contact our factory when modifications of form are required.
5. The straight cold-section can withstand temperatures of up to 1500<sup>0</sup> F. However, to protect the lead wires, the temperature of the section beyond the transition adapter should be maintained below 480<sup>0</sup>F.
6. Usually the sensing tip of a thermocouple is located at the end of the last loop of a coil heater. Care should be taken to ensure that the last loop is properly gripping the nozzle.