

**Part 1           General**

**1.1               PRODUCT OPTIONS AND SUBSTITUTIONS**

- .1       Refer to Division 01 for requirements pertaining to product options and substitutions.

**1.2               PIPE AND TUBE SIZES**

- .1       This Section includes preferred metric sizes for pipe and tube diameters.

**1.3               SHOP DRAWINGS AND PRODUCT DATA**

- .1       Comply with requirements of Section 01 33 10.
- .2       Submit manufacturer's product data including
  - .1       Product dimensions
  - .2       Rough-in requirements
  - .3       Construction details and materials.

**Part 2           Products**

**2.1               CONDENSING DHWH CONDENSATE NEUTRALIZATION TANK**

- .1       20 L one-piece seamless polyethylene construction.
- .2       125 mm diameter fill/access opening.
- .3       38 mm diameter side/top inlets, outlet, and top vent.
- .4       18 kg of limestone chips.
- .5       Acceptable material: Axiom Model NT20 condensate neutralization tank with GRM000 limestone chips.

**Part 3           Execution**

**3.1               INSTALLATION**

- .1       Install plumbing systems and equipment to comply with the following Codes and Standards:
  - .1       Municipal Laws, Standards and Regulations
  - .2       National Plumbing Code of Canada
  - .3       National Building Code

- .4 Canadian Standards Association
- .5 American Society of Plumbing Engineers
- .2 Install drainage lines with a 2% grade unless otherwise shown on drawings.
- .3 Pipe pressure temperature relief valve discharge and drain valve to floor drain.

**3.2 CONDENSATE NEUTRALIZATION TANK**

- .1 Set the neutralization tank on a secure and level base.
- .2 Connect appliance condensate drain to tank inlet using corrosion resistant piping.
- .3 Ensure that no air pockets will remain or form in the piping and that the condensate will flow freely from the condensate drain into the tank and then to the drain.
- .4 Fill the tank with the specified limestone chips.

**END OF SECTION**