

# APPLICATION TO INSTALL OR REMODEL A MILKING SYSTEM\*

Vermont Agency of Agriculture, Food and Markets  
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**Submit at least 14 days before installation**

Modification \_\_\_\_\_ New Installation \_\_\_\_\_

## Fill In Appropriate Blanks

### General

Name of Producer \_\_\_\_\_  
Mailing Address \_\_\_\_\_  
Shipping To \_\_\_\_\_ Estimated lbs. shipping daily \_\_\_\_\_ #cows \_\_\_\_\_  
Estimated lbs. per hour flow rate \_\_\_\_\_  
BTU Capacity of Bulk Tank \_\_\_\_\_ Gal. Capacity \_\_\_\_\_  
Model & Make Unit \_\_\_\_\_ Date of Manufacture \_\_\_\_\_ Recording Thermometer (Y) (N) \_\_\_\_\_  
Dealer Name \_\_\_\_\_ Proposed Installation Date \_\_\_\_\_  
Dealer Telephone \_\_\_\_\_ Dealer email address \_\_\_\_\_  
Address \_\_\_\_\_

### Configuration -

Parlor \_\_\_\_\_ Round-the-Barn \_\_\_\_\_ Highline \_\_\_\_\_ Lowline \_\_\_\_\_ Weigh Jars \_\_\_\_\_  
Bucket \_\_\_\_\_ Dumping Station \_\_\_\_\_ (Vacuum)(Electric) \_\_\_\_\_  
#of Units and Type \_\_\_\_\_

### Vacuum System -

Pump 1 Make \_\_\_\_\_ Model \_\_\_\_\_ Size Motor \_\_\_\_\_  
Pump 2 Make \_\_\_\_\_ Model \_\_\_\_\_ Size Motor \_\_\_\_\_  
CFM Capacity \_\_\_\_\_ New \_\_\_\_\_ Used \_\_\_\_\_ Test Ports Installed? (y) (n) \_\_\_\_\_  
Pulsation Line Size \_\_\_\_\_ Main Header: Diameter \_\_\_\_\_ Length \_\_\_\_\_  
Location & Type of Vacuum controller \_\_\_\_\_  
Distribution Tank: Size \_\_\_\_\_ Material \_\_\_\_\_

### Pipeline-Location Receiver Group

Diameter Pipe \_\_\_\_\_ #of Slopes \_\_\_\_\_ Length \_\_\_\_\_ #Wash Loops \_\_\_\_\_  
Height above Cow Platform \_\_\_\_\_ Estimated Pitch \_\_\_\_\_  
Where Line Supported From \_\_\_\_\_  
Type of Line Coupling: Plastic \_\_\_\_\_ Stainless Steel \_\_\_\_\_ Welded \_\_\_\_\_  
Volume of Receiver \_\_\_\_\_  
Trap Size \_\_\_\_\_ Main Vacuum Supply Line Size \_\_\_\_\_ Length \_\_\_\_\_

### Miscellaneous - Pre-Cooler (y) (n) Type \_\_\_\_\_ Location \_\_\_\_\_

Automatic Take-Off? (y) (n) Digital Milk Wt. Recorder (y) (n) \_\_\_\_\_  
Weigh Jars - Type \_\_\_\_\_ Capacity \_\_\_\_\_ lbs.  
- Height of Milk Inlet Above Animal Platform \_\_\_\_\_

### Wash System - Estimated Solution per Cycle \_\_\_\_\_ gal.

Size of Wash Sink \_\_\_\_\_ gal. Wash line material \_\_\_\_\_  
Air Injector (y) (n) Automatic Washer (y) (n) Divert valve (y) (n) \_\_\_\_\_  
Milk line position switch (y) (n) Soap and acid cycles (y) (n) \_\_\_\_\_  
Main Water Heater Type \_\_\_\_\_ Capacity of Main Heater \_\_\_\_\_ gal.  
Temperature Setting \_\_\_\_\_ F. Dedicated to Wash Cycle Only (y) (n) \_\_\_\_\_  
Heat reclaimer tank (y) (n) Capacity \_\_\_\_\_ gal. Estimated Temp. \_\_\_\_\_ F.

### Cleaning -Minimum start at 160°F (71.1°C) \_\_\_\_\_ or maximum water temperature \_\_\_\_\_

Minimum water temperature \_\_\_\_\_ Manufacturer's recommendations for washing and water analysis must be posted in milkroom. Water temperature on wash cycle should remain over 120°F (48.9°C) through the entire wash cycle.

**On the reverse side of this application, give a detailed drawing of vacuum, milk and wash systems showing:  
1) High point(s); 2) Direction of milk flow and wash flow; 3) Location of major equipment; and 4) Inspection ports (welded only).**

\*Adapted from the Dairy Practices Council Guideline 2. DPC can be contacted at [www.dairypc.org](http://www.dairypc.org) for complete guidelines.

