

**ELECTRIC SERVICE SCHEDULE NO. 140 - Continued**

Table 9 -- Farm and Dairy/Farm Equipment Incentives (cContinued)

<u>Equipment Type</u>	<u>Equipment Category</u>	<u>Minimum Efficiency Requirements</u>	<u>Customer Incentive</u>
<u>Programmable Ventilation Controllers</u>	==	<u>The <del>controllerequipment</del> must control ventilation fans based on temperature or other applicable factors such as humidity, odor concentration, etc.</u>	<u>\$20/fan controlled</u>
<u>Variable Frequency Drives for Dairy Vacuum Pumps (Retrofit Only)</u>	==	<u>VFD must vary motor speed based on target vacuum level. Incentive available for retrofit only. New construction and replacement of existing VFD not eligible. <del>The equipment must vary the motor speed in accordance with the air flow needs of the vacuum system. Incentive available for retrofit only for systems without an existing VFD.</del></u>	<u>\$165/hp</u>

Notes for Table 9:

1. -Equipment that meets or exceeds the efficiency requirements ~~listed for the equipment category in the above table~~ may qualify for the listed incentive.
2. -Fan performance must be rated by an independent testing body in accordance with the appropriate ANSI/AMCA standards.
3. Incentives are capped at 70 percent of Energy Efficiency Project Costs and incentives will not be available to reduce Energy Efficiency Project simple payback below one year. Energy savings and Energy Efficiency Project Costs are subject to Company approval. ~~Incentives are paid at \$0.15/kWh annual energy savings. Milk Pre-Cooler energy savings subject to approval by the Company.~~
4. -Except where noted, all equipment listed in the table ~~will be~~ eligible for incentives in both ~~n~~New ~~c~~Construction and ~~r~~Retrofit projects.

AMCA = Air Movement ~~and~~ Control Association International, Inc.

ANSI = American National Standards Institute

~~CFM~~cfm = ~~c~~Cubic ~~f~~Feet per ~~M~~Minute

VFD = Variable Frequency Drive

w = watt

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**Table 10 – Compressed Air Incentives**

<b>Equipment Category</b>	<b>Replace</b>	<b>With</b>	<b>Limitations</b>	<b>Unit</b>	<b>Customer Incentive</b>
Low-Pressure Drop Filters	Standard Coalescing Filter	<p><del>Rated</del> Low-Pressure <del>Drop</del> Filter where:</p> <p>1. Pressure loss at rated flow is <math>\leq 1</math> psi when new and <math>\leq 3</math> psi at element change.</p> <p>2. Particulate filtration is 100% at <math>\geq 3.0</math> microns and 99.98% at 0.1 to 3.0 microns, with <math>\leq 5</math> ppm liquid carryover.</p> <p>3. Filter is <u>of</u> deep-bed “mist eliminator” style, with element life <math>\geq 5</math> years.</p> <p>4. Rated capacity of filter is <math>\leq 500</math> scfm.</p>	<p>1. Compressor system must be <math>\geq 25</math> hp and <math>&lt; 75</math> hp.</p> <p>2. Compressor discharge pressure setpoint must be reduced by 2 psi or more after installation of low pressure drop filter.</p> <p><del>1. Compressor system must be <math>\geq 25</math> HP and <math>\leq 75</math> HP</del></p>	scfm	<p><del>\$2/scfm</del> <b>\$0.80/scfm</b></p>
Receiver Capacity Addition	Limited or no Receiver Capacity ( $\leq 2$ gallons per scfm of trim compressor capacity)	Total tank receiver capacity after addition must be $> 2$ gallons per scfm of trim compressor capacity	<p>1. Compressor system size <math>\leq 75</math> horsepower</p> <p>2. Trim compressor must use load/unload controls without inlet modulation or on/off control.</p> <p>3. Systems with a VFD or using variable displacement control on trim compressor are not eligible.</p>	gal	<b>\$1.50/gal above 2 gal/scfm</b>
Refrigerated Cycling Dryers	Non-Cycling Refrigerated Dryer	Cycling Refrigerated Dryer	<p>1. Compressor system size <math>\leq 75</math> horsepower</p> <p>2. Rated dryer capacity must be <math>\leq 500</math> scfm</p> <p>3. Dryer must operate exclusively in cycling mode and cannot be equipped with the ability to select between cycling and non-cycling mode</p> <p>4. Refrigeration compressor must cycle off during periods of reduced demand.</p>	scfm	<b>\$1.50/scfm</b>

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