



Motor Efficiency ASF/VFD Claim Sheet

Shakopee Public Utilities

New Drive Application

End Use Function	Manufacturer	Model #	Drive HP (Nameplate)	Motor HP (Nameplate)	Annual Hours of Operation	Quantity	HP	Total HP (Qty x HP)	Rebate Offer	Rebate (\$35 x Total HP)
									\$35	\$
									\$35	\$
									\$35	\$
									\$35	\$
									\$35	\$
									\$35	\$
									\$35	\$

End Use Application Codes

Please select one of the typical end use codes below, and include it in the first column.

Cooling	Pumps	HVAC Air Handling
Process Cooling (PC)	Waste Water Pump (WP)	Air Handlers (AH)
	Cooling Pump (CP)	Supply Fans (SF)
HVAC Condensing (HC)	Process Pump (PP)	Return Fans (RF)
	Heat Pump (HP)	Exhaust Fans (EF)

Rebate Requirements

SPU offers cash rebates to customers for drives (VFD, ASD) used on fan and pump systems from 1 to 200 hp, and with a minimum annual operational hours of 3,000. Drive controls of a specific motor system are sized differently, either larger, smaller or the same size. Preferably, the drive hp and motor hp matches. If not, the drive rebate is calculated using the lowest rating of either the drive nameplate or the motor nameplate for the specific items end use.

Also, the drive system is used under the following conditions:

- run at two or more operating points less than 55% loaded, 75% of the time.
- are automatically controlled to vary the motor's speed to match changes in the motor's load.

SPU offers custom rebates for drive equipment that is greater than 200 hp in size, or that operates less than 3,000 hours annually.

Equipment, such as chillers refrigeration compressors, air compressors, presses, process equipment, extrusion, conveyors and drives used as soft start and power correction capacities, or are a component of a larger system, that do not have separate, itemized receipt/invoice for the drive, must be received under SPU's Custom Rebate program, which requires preapproval.



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How to Complete this Application

ROWS:

Complete the information on a separate row for each specific drive.

COLUMNS:

Complete each column based on the following instructions.

End Use: Use the code from the charge at the bottom of the rebate application that is closest to your end use type.

Manufacturer: Identify the manufacturer

Model #: Include the manufacturer's model number, not the part number.

Drive Horsepower (Nameplate): Please write the horsepower of the drive you have purchased and installed for the specific end use you indicated.

Motor Horsepower (Nameplate): Please write the horsepower of the motor connected to the specific drive for the end use you indicated.

Annual Hours of Operation: Please provide the actual or estimated hours of operation (end use) that this drive is serving.

Quantity: Provide the number of drives of the specific model for which you are requesting a rebate.

Total Horsepower: The drive rebate is calculated using the lowest rating of either the drive nameplate or motor nameplate for the specific line item end use. Multiply the lower of the two horsepower by the quantity.

Rebate Offer: \$35 is preprinted in this column.

Total Rebate: Multiply the Total Horsepower by the rebate offer (\$35) to determine the total rebate.