



# 2020 Prescriptive deemed measure worksheet

This worksheet lists all of the requested deemed measures that are not on our main program application. Once you have requested a new measure, it will be reviewed and approved by our engineers, and then added to this list. Complete this worksheet and attach to your application.

## Deemed electric measures

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
HE-3	AC 65k - 135k EER 12 IEER 13.8	\$3.00/unit	Ton		
HE-4	AC 135k - 240k EER 12 IEER 13	\$2.00/unit	Ton		
HE-5	AC 240k - 760k EER 10.6 IEER 13.3	\$7.00/unit	Ton		
PE-63	Process Cooling Ventilation Reduction (CFM)	\$0.10/unit	CFM Reduced		
ME-8	Automatic Speed Doors-Between Freezer and Dock	\$91.00/unit	Sq. Ft.		
FE-20	Evaporator Controls w/ Demand Defrost for Walk-In Coolers	\$2.00/unit	Ton		
FE-21	Evaporator Controls w/ Demand Defrost for Walk-In Freezers	\$19.00/unit	Ton		
CA-45	VSD Air Compressor (50 HP - 500 HP) (Multiple Air Compressor Systems) Minimum 7,200 hours annually	\$77.00/unit	Per HP		
CA-46	VSD Air Compressor (50 HP - 500 HP) (Multiple Air Compressor Systems) Minimum 4,000 hours annually	\$54.00/unit	Per HP		
CA-47	VSD Retrofit Air Compressor (50 HP - 300 HP) (Multiple Air Compressor Systems) Minimum 7,200 hours annually	\$52.00/unit	Per HP		
CA-48	Two Stage Rotary Screw Air Compressor (VSD/VD/LNL Type)	\$14.00/unit	Per HP		
CA-49	Low Pressure Drop Air Filters	\$3.00/unit	Per HP		
CA-50	Air Compressor Outdoor Air Intake	\$6.00/unit	Per HP		

## Deemed gas measures

Ref #	Equipment type	Incentive	Unit	# of units	Total incentive
PG-38	Process Boiler Sequencing	\$0.46/unit	Input MBH		

All measures

Total – deemed incentives

**Certain prescriptive measures require a reservation application.  
See individual specifications for more information.**

### Unitary and Split AC

Equipment type	Unit
Unitary and Split AC	Ton

#### HE-3 to 5 – Unitary and Split Air Conditioning Systems and Air Source Heat Pumps

Incentives are available to install replacement air conditioning systems or air source heat pumps that meet or exceed qualifying cooling efficiency. They can be either split systems or single packaged units. Water-cooled systems, evaporative coolers and water source heat pumps are not eligible for this incentive, but may be eligible for a custom incentive. Split system efficiency must be for air handling and condensing unit combined.

### Ventilation Reduction

Equipment type	Unit
Ventilation Reduction	CFM reduced

#### PE-63 – Process Cooling Ventilation Reduction (CFM)

To qualify for this incentive, the reduced volume flow rate must exceed 5,000-cfm (cubic feet per minute) and serve conditioned (cooled) spaces. Significant changes of operational use (i.e. factory to warehouse) do not qualify for this incentive. Systems designed to allow the carbon dioxide levels in occupied spaces to exceed a maximum level of 1,200-ppm do not qualify for this incentive. The reduced volume flow rate levels must also comply with the local and/or state authority having jurisdiction.

Decreases in ventilation rates of HVAC systems must be authored by a Professional Engineer (PE) Licensed in the State of Michigan. Operational performance verification (complete pre-construction and post-construction volume flow rate testing) by certified Testing, Adjusting, and Balance (TAB) Agents are required to qualify for this incentive. TAB Agents shall be an independent testing, adjusting, and balancing professional services provider certified by either AABC (Associated Air Balance Council) or NEBB (National Environmental Balancing Bureau).

The incentive is limited to 50% of the total installation cost. Total installation costs may include outside engineering and data collection costs. Pre-Notification Applications must include a one-page narration of the project's proposed scope of work.

### Automatic Speed Doors

Equipment type	Unit
Automatic Speed Doors	Sq. Ft.

#### ME-8 – Automatic Speed Doors-Between Freezer and Dock

Must install high speed doors in place of strip curtains, separating spaces with different cooling set points.

### Evaporator Controls

Equipment type	Unit
Evaporator Controls w/ Demand Defrost for Walk-In Coolers	Ton
Evaporator Controls w/ Demand Defrost for Walk-In Freezers	Ton

#### FE-20 – Evaporator Controls w/ Demand Defrost for Walk-In Coolers

Controls must have adaptive learning via a micro-processor or web-based controller. Control of the defrosting system is based on demand-initiation of defrost cycle. Manual control (always on) of evaporator fans does not qualify.

#### FE-21 – Evaporator Controls w/ Demand Defrost for Walk-In Freezers

Same as Demand Defrost for Cooler requirements.

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See individual specifications for more information.**

### VSD Air Compressors

Equipment type	Unit
Multiple Compressor Systems	Per HP
Two Stage Rotary Screw Compressor	Per HP
Low Pressure Drop Air Filters	Per HP
Outdoor Air Intake Compressor	Per HP

#### CA-45 – VSD Air Compressor (50 HP - 500 HP) (Multiple Air Compressor Systems) Minimum 7,200 hours annually

Must be a variable speed screw compressor replacing a screw compressor with modulating control or LNL control. For new VSD compressors only. Must operate 7,200 hours and be between 50-500 HP. Installation of VSD to an existing compressor and redundant or back up VSD air compressors do not qualify.

#### CA-46 – VSD Air Compressor (50 HP - 500 HP) (Multiple Air Compressor Systems) Minimum 4,000 hours annually

Must be a variable speed screw compressor replacing a screw compressor with modulating control or LNL control. For new VSD compressors only. Must operate 4,000 hours and be between 50-500 HP. Installation of VSD to an existing compressor and redundant or back up VSD air compressors do not qualify.

#### CA-47 – VSD Retrofit Air Compressor (50 HP - 300 HP) (Multiple Air Compressor Systems) Minimum 7,200 hours annually

Must be retrofitting a variable speed screw compressor with modulating control or LNL control. Retrofitting for VSD compressors only. Must operate a minimum of 7,200 hours and be between 50-300 HP. Installation of new VSD air compressor, redundant or backup compressors does not qualify.

#### CA-48 – Two Stage Rotary Screw Air Compressor (VSD/VD/LNL Type)

Air compressors on multiple-compressor systems must operate the new, two-stage, air compressor at least 4,000 hours annually. Must be ≥ 50 HP.

#### CA-49 – Low Pressure Drop Air Filters

Compressed air system HP must be ≥ 50 HP. Must replace a standard coalescing filter.

#### CA-50 – Air Compressor Outdoor Air Intake

Compressed air system HP must be ≥ 50 HP and operate at ≥ 80 psig.

### Process Boiler Sequencing

Equipment type	Unit
Process Boiler Sequencing	Input MBH

#### PG-38 – Process Boiler Sequencing

Available for process boilers only. Applicable primarily for the industrial sector, agricultural and misc. process uses. Manufacturer name and equipment model number must be provided. Incentive available once per boiler installation. Direct contact water heaters, boilers primarily used for domestic hot water, space conditioning, pool or spa use do not qualify.