

REBATES FOR DIRECT EXPANSION (DX) UNITS

INFORMATION SHEET
MINNESOTA

FLEXIBLE MINIMUM QUALIFYING EFFICIENCY

For invoices dated between Aug. 6, 2021 and Dec. 31, 2023



The cooling manufacturing market is changing rapidly. Xcel Energy is the first utility in the United States to launch a more comprehensive efficiency scale to accommodate the marketplace changes.



MINIMUM QUALIFYING SEER (IEER)/EER BY EQUIPMENT TYPE					
	MN - RTUS < 5.42 tons	MN - RTUS 5.42-11.24 tons	MN - RTUS 11.25-19.99 tons	MN - RTUS 20-63.33 tons	MN - RTUS 63.34 tons and above
Min_EER_c	N/A	11.3	11.1	10.9	10.9
Min_SEER_c	13	12.2	12.1	12	12

HVAC+R PROGRAM – DX ROOFTOP UNITS EFFICIENCY SCALE Minimum Qualifying SEER by Equipment Type

EER	Size range SEE/IEER				
	<5.42 tons	5.42-11.24 tons	11.25-19.99 tons	20-63.33 tons	>63.34 tons
9.5	Not qualified	Not qualified	Not qualified	Not qualified	Not qualified
9.6	Not qualified	Not qualified	Not qualified	Not qualified	Not qualified
9.7	Not qualified	Not qualified	Not qualified	Not qualified	22.8
9.8	Not qualified	Not qualified	Not qualified	19.8	21
9.9	Not qualified	Not qualified	Not qualified	18.6	19.6
10	Not qualified	Not qualified	Not qualified	17.5	18.3
10.1	Not qualified	Not qualified	Not qualified	16.6	17.2
10.2	Not qualified	Not qualified	Not qualified	15.8	16.3
10.3	Not qualified	Not qualified	Not qualified	15.1	15.5
10.4	Not qualified	Not qualified	Not qualified	14.5	14.7
10.5	Not qualified	Not qualified	Not qualified	13.9	14.1
10.6	Not qualified	Not qualified	Not qualified	13.4	13.5
10.7	Not qualified	Not qualified	Not qualified	12.9	13
10.8	Not qualified	Not qualified	13.7	12.5	12.5
10.9	Not qualified	Not qualified	13.1	12	12
11	Not qualified	14.5	12.6	11.7	11.6
11.1	N/A	13.6	12.1	11.3	11.3
11.2	13	12.9	11.7	11	10.9
11.3	13	12.2	11.3	10.7	10.6
11.4	13	11.7	11	10.5	10.3
11.5	13	11.2	11	10.2	10.1
11.6	13	11.2	11	10	9.8
11.7	13	11.2	11	9.9	9.6
11.8	13	11.2	11	9.9	9.6
11.9	13	11.2	11	9.9	9.6
12	13	11.2	11	9.9	9.6

REBATES FOR DX UNITS

Two step rebate eligibility process:

1. Determine efficiency for EER and SEER/IEER. If equipment qualifies then step #2.
2. Determine your rebate for the qualifying equipment.

Rebate value = \$50 x tons

Full load = \$4 x (unit EER – minimum qualifying EER)/.1 x tons

Part load = \$3 x (unit IEER – minimum qualifying IEER)/.1 x tons

Total rebate = size + full load + part load

Rebates are determined by minimum efficiencies using the chart to the left.

REBATES FOR DIRECT EXPANSION (DX) UNITS**MINNESOTA****How DX units work:**

In a DX unit, air is directly cooled either at the boundary of a room or directly adjacent to the room being cooled. Heat is then exchanged with the refrigeration or coolant passing over the coil. When the refrigerant expands during the cooling process the refrigerant is controlled by an expansion valve.

¹<https://iceblast.com.au/direct-expansion-dx-air-conditioning-faq/>

Benefits of a new DX unit:

- **Reduced energy use.** Cooling is typically the second largest consumer of electricity in commercial buildings, so the upgrades you make can have a significant impact on lowering your operating costs.
- **Increased reliability.** Your new equipment is less apt to break down on hot days when you need it most.
- **Lower maintenance costs.** Avoid wasted dollars, operating disruptions, and the headaches of repair by investing in a new, more reliable system.

Reduce your project cost with our rebates:

Rebates on your eligible DX unit (under 20 tons) can only be submitted through our Trade Partner Driven Rebate process by using one of our participating trade partners listed at [xcelenergy.com/TradePartnerDrivenRebates](https://www.xcelenergy.com/TradePartnerDrivenRebates). Once the DX unit is installed and operational in your facility, the trade partner will process your rebate paperwork on your behalf.

Rebates for DX units over 20 tons are also available. Contact your account manager or an energy advisor at **855-839-8862** for more information.

Who can earn DX rebates?

Businesses located in the Xcel Energy Minnesota electric service territory that receive electrical service under a non-residential rate class from Xcel Energy are eligible for the rebates on qualified DX units.

When do I receive my rebate?

Once the DX unit is installed and operating, you can expect to receive a rebate check in the mail within six to eight weeks.

How are the rebates calculated?

A participating distributor can help determine your equipment and verify the rebate amounts before you purchase the equipment.

When did flexible efficiencies for DX units take affect?

Invoices must be dated August 6, 2021 or later to qualify for a rebate with the flexible efficiencies.

**TYPES OF BUSINESSES THAT CAN BENEFIT FROM A NEW DX UNIT**

- Churches
- Schools K-12, colleges and universities
- Grocery stores
- Offices
- Restaurants
- Liquor stores
- Retail
- Convenience stores
- Retail stores

