

Earn Rebates with our Business HVAC Program

Direct Expansion (DX) Air-Conditioning



Direct Expansion (DX) is just a technical term for a standard air conditioner or commercial HVAC system. These are the typical systems found in residential and smaller commercial businesses, including split systems, mini splits, packaged type units and roof top units. The inside air-handler unit uses a fan to push air across the evaporator coil, which absorbs heat to cool and dehumidify air. It works with the outdoor condenser unit to release the heat from the freon to the outside so it can return and absorb more heat. They can be found in many small commercial buildings like control data centers and offices complexes.

Newer, more reliable and efficient air-conditioning systems can provide lower bills, less maintenance and a more comfortable workplace. Your air-conditioning system can account for up to 40% of your company's energy use. Older or inefficient cooling equipment can cause your electricity bill to be higher than necessary and can add to repair and maintenance costs. For even more savings, ERV and DCV can be installed within the system.

If this is the case in your business, consider upgrading to a new high-efficiency cooling system. To help offset the cost of your new system, rebates are available for qualifying DX units.

Benefits

- » Lower monthly cooling costs due to higher efficiency
- » Lower maintenance costs
- » Saves energy year-round

Qualifications

Each DX system must meet minimum efficiency guidelines to qualify for a rebate. To ensure all guidelines are met and determine the incentive amount, FPL needs the following information:

- » DX equipment data at AHRI standard test conditions for each unit (best source):
 - Manufacturer and model number of the unit
 - Unit type (packaged, split, mini-splits, vertical, RTUs, PTAC/PTHP, etc.)
 - Unit capacity (MBtuh)
 - SEER/EER rating
 - AHRI/ISO#
 - Heat type (heat pump, electric resistance – kW, gas, oil, none)

If the above information is unavailable, then we would need:

- » DX AHRI Certificate
- » DX submittal/cut sheet if the AHRI Certificate is not available

For more information regarding our rebate program or to speak with one of our HVAC Program Specialists, please visit our website at FPL.com.