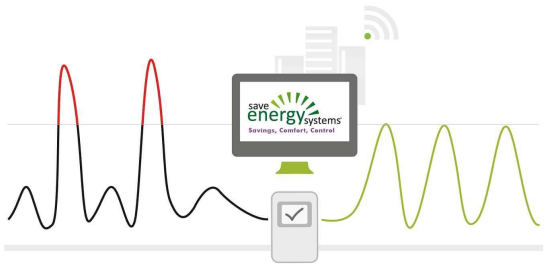


# DEMAND LIMITING CONTROLLER (DLC)

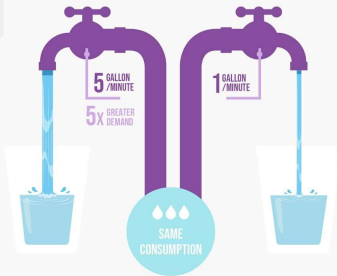
## REDUCE YOUR COMMERCIAL FACILITY'S HVAC ENERGY USAGE UP TO 30% WHILE IMPROVING COMFORT AND CONTROL

### 1 DEMAND LIMITING CONTROLLER (DLC)

- REDUCING PEAK DEMAND
- OPTIMIZING ENERGY USAGE
- SAVING ON ENERGY COSTS



### 2 UNDERSTANDING ENERGY DEMAND



**USAGE** | Total energy consumption per billing cycle

**DEMAND** | The rate at which energy is consumed

**DEMAND CHARGE** | A premium charged by utilities for the rate at which energy is consumed

SMOOTH AND CONSISTENT ENERGY USE HELPS YOU AVOID EXPENSIVE DEMAND CHARGES

### 3 HOW DO HVAC CONTROLS WORK ?

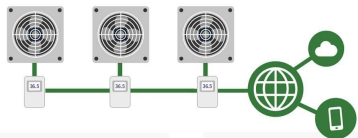
#### HVAC TRADITIONAL HVAC Standard Thermostat Installation



Each thermostat runs an HVAC unit **independently**, allowing all units to operate simultaneously.

ALL UNITS RUNNING SIMULTANEOUSLY = HIGH ENERGY DEMAND

#### DLC DEMAND LIMITING CONTROLLER DLC Installation



The DLC connects to each thermostat and air supply sensor, **synchronizing units** to work together, and confirming they're working correctly.

The DLC also connects to the internet, retrieving and responding to live weather data from the closest weather station.

THIS CONFIGURATION ALLOWS THE DLC TO MAKE INTELLIGENT, REAL-TIME DECISIONS.

WE SAVE OUR CUSTOMERS A SUBSTANTIAL AMOUNT OF ENERGY AND MONEY WHILE BEING ENVIRONMENTALLY CONSCIOUS.

### 4 HOW DOES THE DLC WORK ?

#### PATENTED ALGORITHM

The DLC manages multi-stage units under its patented algorithm to reduce demand and kilowatt hour use

#### DYNAMIC POWER ALLOCATION

We program the energy requirements of every HVAC unit into the DLC enabling the DLC to intelligently turn off one unit before turning on another. This results in reduced demand and reduced energy consumption.

#### ACTIVE MANAGEMENT

The DLC manages your HVAC system 24/7, optimizing energy use to increase efficiency and avoid expensive spikes in energy demand.

#### HARMONIZED OPERATION

Enhanced HVAC functionality gives you greater control over comfort and temperature - managed to within one degree - while generating significant savings through reduced energy costs.



### 5 KEY BENEFITS

20%-30% SAVINGS

REDUCES ELECTRICITY AND GAS HEATING BILLS

REDUCES HVAC CONTRACTOR COSTS

ROI IN 18 MONTHS

REDUCES CARBON FOOTPRINT

To learn more:  
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