

COLD-PLUS

August 2018



On Saturday August 4th, I travelled up to Longmont Colorado and the home of Dave Douglas to install a dose of ColdPlus™ into his air conditioning unit on his property. Dave is president of the Keal Corporation and has been in the Electrical Industry since 1973. He has held Master Electrical Licenses in Colorado, Texas, Utah, Wyoming, Florida, Nevada, New Mexico, Arizona, Indiana, Illinois, and Iowa. He has worked on a multiple array of Federal, State, and Local Government projects throughout the United States and has years of experience on commercial and family dwellings, including large custom homes. He has worked with utility companies as well as other electrical contracting firms. He can be contacted at dave@kealcorp.com or 303-489-1788

When I first told him about ColdPlus™ he didn't believe the numbers and said, "I only believe the numbers on my own meters...so prove it!" So, I did.

As best we could tell, he had an old International Comfort Products, 2-ton, single phase 206/230V air conditioner, model number TCA024AHA1.

Our testing procedure was as follows:

- #1) Turn on the unit and measure peak amps and running amps
- #2) Add ColdPlus™ to unit and measure peak amps and running amps
- #3) Wait 30 minutes and measure peak amps and running amps
- #4) Wait 24 hours and measure peak amps and running amps
- #5) Calculate energy required before ColdPlus™ and after

Using the formula: Energy (kWh) = Current (in Amps) x Voltage (in Volts) x Time (in hours) x 3.6

Before ColdPlus™

Immediately After ColdPlus™



After 24 hours Dave said his running amps were at a steady 6.2

ColdPlus Savings Calculator									
	old	new	savings			Old	New		
Cost per Hour:	\$ 0.17	\$ 0.14	\$ 0.04			Input	Input		
Cost per Day:	\$ 1.29	\$ 1.01	\$ 0.28						
Cost per Month:	\$ 38.75	\$ 30.40	\$ 8.35		Running Hours per day:	7.5	7.5		
Cost per Year:	\$ 464.94	\$ 364.77	\$ 100.17		Power used in Watts (W=AxV)	1722	1351		
kWh per Day:	12.915	10.1325	2.7825		Price in kWh:	\$ 0.10	\$ 0.10		
		% savings:	21.54						

Dave is now a ColdPlus™ believer and plans to tell all his friends and past clients what he has experienced firsthand.