



FAQ's

Smart Compressor Control 1/1B

Q What compressor types does the Smart Compressor Control (SCC) work on?

A The SCC works on scroll, reciprocating and any open type or semi-hermetic compressors.

Q Do I need anything else with the SCC?

A You need to match a VFD to the size/power capacity of the compressor you are installing on.

Q Which VFD manufacturers is the SCC compatible with?

A The SCC is current compatible with ABB-ACH580, Fuji Electric-Frenic Ace, Invertek-Optidrive, Schneider Electric - ATV212, TECO-Westinghouse-F510 and Yaskawa-GA-500, GA-700, other drives would be considered.

Q Will installing the SCC interfere with my existing controls?

A No, the SCC does not interfere with your existing controls. If your existing control shuts the compressor down the SCC will shut down as well.

Q Does the SCC use pressure sensors?

A No, The SCC is unique and only uses temperature sensors to modulate compressors like the VRF technology.

Q What kWh savings can I expect?

A We are seeing between 25% and 50% savings.

Q Where has the SCC been installed?

A We have installations in the most rigorous climates in the world, from the coldest climates in Russia to the hottest climates in Saudi Arabia.

Q What type of systems have you installed the SCC on?

A We have installs on refrigeration racks, single compressor refrigeration systems, air-conditioning roof package units, air-conditioning DX splits and air-cooled chillers.

Q Can I install the SCC on residential air-conditioning?

A No, this is currently in development.



Q Are all 3 -phase compressors compatible?

A Yes, 208/220V 3-Phase, 380/480V 3-phase and 500/600V 3-phase are all compatible.

Q Are all refrigerants compatible with the SCC?

A Yes, all refrigerants are compatible with the SCC.

Q Can you install on fan motors?

A Yes.

Q Can the SCC be installed on a heat pump?

A Yes.

Q I am a contractor and I wish to sell your product what is the conservative savings that I can promise my customer?

A We always say that your savings are derived totally from your customers consumption, however if the compressor is sized properly for the application, it is easy to achieve an average savings annually of 30% on your entire system.

Q I am a contractor how can I purchase your product?

A You can purchase our product from one of our national distributors. If you contact us, we can let you know the ones in your area.

Q I am an end user, how can I purchase your product?

A We have national distributors, however if there is none in your area, contact us direct.

Q Does the SCC helps with the new 2023 HVAC SEER's Regulations.

A Yes, the regulations are for new products, however on a new 2022 model that does not qualify with the new 2023 SEER regulations with our SCC savings you should be able to qualify.

Q Does the SCC help in reducing my carbon footprint?

A Yes, if you are saving any amount of electrical consumption, you are helping the environment by reducing your carbon footprint.

Q Would this product extend the life of my compressor?

A Yes if the system is regularly serviced this should increase the lifespan of your existing compressor.