ONE OF THE MOST FREQUENTLY ASKED QUESTIONS WILL ALWAYS BE…
"IF THIS IS SUCH A GOOD IDEA, WHY HASN'T IT BEEN DONE BEFORE???"

As noted by the US Department of Energy….
"The (minerals) work in concert with chillers to significantly increase energy efficiency by allowing chillers to cool low moisture air.."

AGAIN, IF THE PRINCIPAL IS SO SOUND, WHY HASN'T IT BEEN DONE BEFORE… SOME OF THE ANSWERS…

The National Renewable Laboratory in Colorado (NREL), the principal desiccant research site for the US Department of Energy)… "… estimates that desiccant dehumidification could cut electricity demand by as much as 25%... but these systems haven't made significant inroads in the market because of the high initial cost…"
RD FRESH HAS NO INITIAL COST!

Richard Sweeter, President of Energy Corp notes…
"A departure from wheel technology to lower cost fixed bed devices could be the future of desiccants, providing a low cost energy dehumidifier…"
RD FRESH IS THAT FIXED BED DEVICE!

Steven Slayzak, NREL project leader for advanced cooling notes…
"In addition to its work with active desiccant systems, the NREL is currently working with manufacturers to develop passive systems…"
RD FRESH IS THAT PASSIVE SYSTEM!

As you can see from the excerpts above, efforts have been ongoing for years attempting to use minerals and systems similar to RD FRESH, but have failed for the reasons described. RD FRESH has succeeded by determining the correct proportions and particulate sizes for the various minerals as well as designing a highly efficient "fixed bed" passive application system (panels and panel placement) that makes use of the already existing fan motors within the walk-in coolers as well as focusing on the air exchange and ambient temperature variations between the kitchen environment and the walk-in at the entrance to the walk-in…avoiding the high cost of a complicated devices that requires professional [costly] installation.. and oddly enough must use energy to save energy.