

Nova Verta USA Continues to Lead the Industry with Energy Efficiency and Superior Control Systems

WE OFTEN SHRUG AT CODE COMPLIANCES,

But when NFPA33 changed the requirement to exhaust in the bake cycle 10% minimum by means of a fan, Nova Verta researched using a variable frequency drive as an answer for this requirement. The alternative of running the exhaust fan full speed and dampening against it to allow 10% air to move in the bake cycle did not seem very appropriate and was also noisy and vary inefficient. The idea of eliminating the pressure control damper system used by most paint booth manufacturers, and replacing with a VFD became the direction that “The Leader in Downdraft Technology” set as a standard. The slightly added expense is returned within 1-2 years by the energy savings as well as gaining ultimate control of booth cabin pressure automatically.

NOVA VERTA USA HAS BEEN UTILIZING VARIABLE FREQUENCY DRIVE

On all booth, prep decks and CTOF models since 1997. The solution to utilize VFD also led to additional booth control enhancements such as the PLC (programmable logic controller) and class 1 division 2 operator stations with the choice of touch pad with 3 inch display screen, or the touch screen with display of 5.5 inches. In the current models, Nova Verta is utilizing Allen Bradley components, which have allowed us even further advancements in control of the heat system and air balancing of the booth. When teamed up with the controversial indirect fired makeup unit (by those who only supply a direct fired model) the Nova Verta has become the most energy efficient booth available today.

BEFORE PURCHASING A NEW BOOTH

A consumer should educate himself on the design of a spray booth. Technology has changed to the point the booth can be more than a box with a heater on it. A low purchase price may become very expensive when the utility bills and maintenance are added per month. Down time from lack of immediate response can also be very impor-

tant. Nova Verta’s exclusive self-diagnostic system (SDS) will keep your booth up and running within minutes should any failures occur.

**For the overall lowest price booth contact Nova Verta USA
(800) 668-2921**

