

INVERTER SCROLL COMPRESSORS

QUIETER AND MORE EFFICIENT OPERATION

Choosing the right compressor technology should be a reflection of the needs of the building space being served. Inverter scroll compressors are quieter and more efficient than digital scrolls.

MORE EFFICIENT AT PART LOAD OPERATION

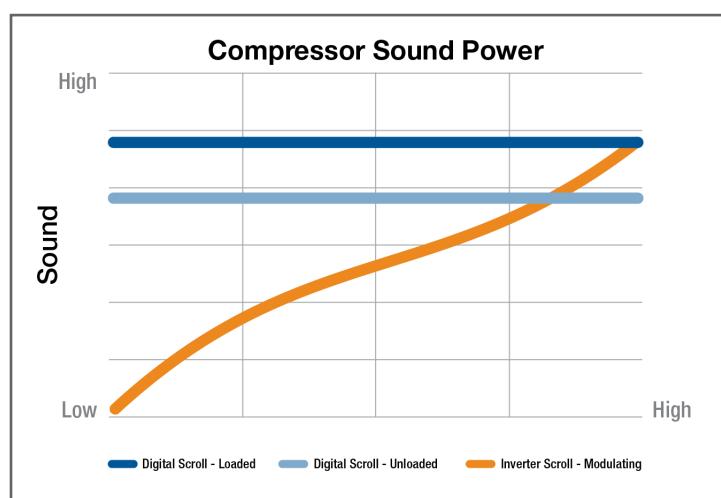
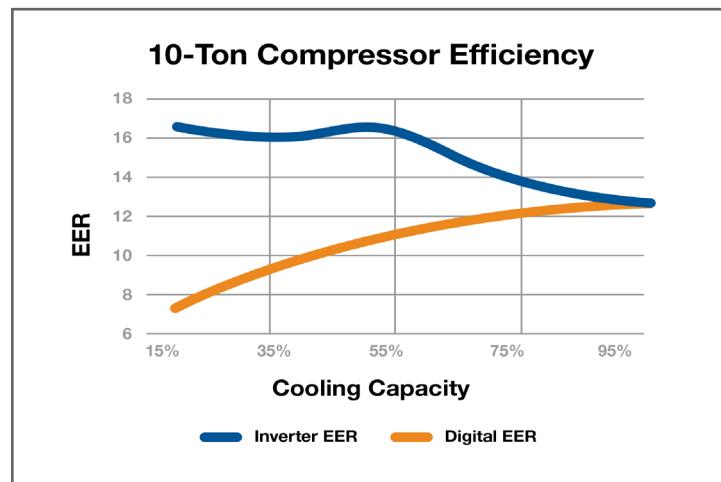
- HVAC systems spend the majority of operating hours at part load
- Inverter scrolls are more efficient at part load operation with a 30-50% average unit IEER improvement over digital scrolls
- At 50% load, an inverter scroll has an EER of approximately 16 vs. a digital scroll with an EER of approximately 11

QUIETER OPERATION

- All Valent compressors are mounted on rubber-in-shear isolators to minimize sound radiation into the space.
- Inverter scrolls are quieter at part load operation when cooling demands are lower because they modulate to meet the cooling demand instead of cycling on and off

BETTER CONTROL

- Inverter scrolls offer true modulating control to accurately track the cooling load and provide tighter and more consistent temperature control in the space



WITHOUT INVERTER POWER CONTROL



WITH INVERTER POWER CONTROL



LEARN MORE

- www.valentair.com
- Read more about [Valent's quiet and efficient compressors](#).
- [Contact your Valent Representative](#).

