

## Liebert® DS™ with Variable Speed Fan Motor

Save Money Through Energy Efficient Operation

**Save from \$1,600 to \$3,800/year per unit**

### Liebert DS with VSD Features:

#### Flexibility

- Provides the most flexible cooling capacity via variable capacity Digital Scroll compressors and Variable Speed fans.

#### Higher Availability

- Variable fan speed increases the life of the fan and motor
- Operates at reduced fan speed without risk of freezing the coil

#### Lowest Total Cost of Ownership

- Average payback on electricity costs is less than two years
- Utility rebates available in some regions, providing even faster payback

#### The VSD Motor is Ideally Suited For The Liebert DS:

- In IT operations looking for fast, easy methods of cutting costs long term
- In IT operations looking for fast ROI on cost saving initiatives

**...for units with a digital scroll a 15% reduction in fan speed provides almost 30% savings in power consumption**

Get more efficient operation from Liebert DS precision cooling systems and quick payback through lower electricity costs and utility rebates.

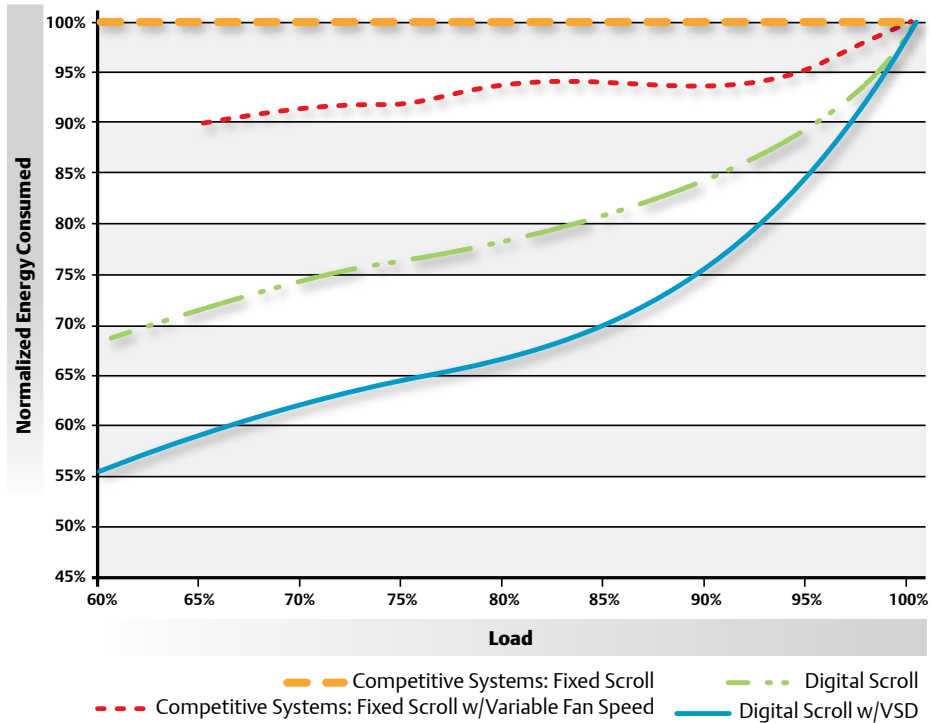
The Variable Speed Drive (VSD) is factory installed on your Liebert DS systems, providing immediate results with lower electrical bills.

Typically, precision cooling fans run at a constant speed and deliver a constant volume of air flow. Adding a Variable Speed Drive to the fan motor allows fan speed and power draw to be reduced as load decreases. A 15 percent reduction in fan speed provides almost 30 percent savings in unit power consumption when used with a digital scroll compressor.



## Estimate Your Savings

The example below shows the energy required to operate a floor-mount Liebert DS cooling unit.



Your Emerson Network Power/Liebert representative or local electric company can give you information about utility rebates for deploying energy efficiency initiatives. Rebates can lower the payback period to less than a year in many applications.



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SL-18812 (R08/10) Printed in USA

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