

# Energy Savings

with Variable Speed Drives



# You can reduce your energy consumption by 30% with variable speed drives.

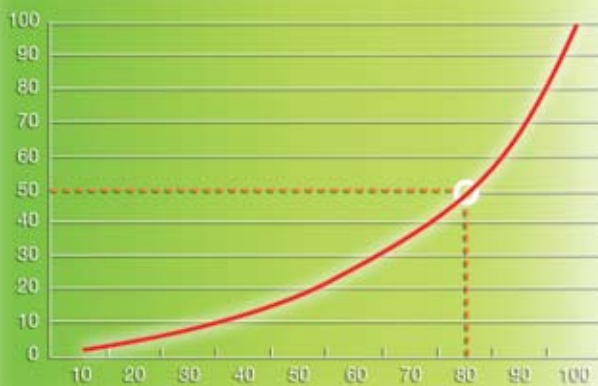
In applications such as pumping, ventilation and compression, speed control can generate huge savings in energy consumption.

Typically, pumps, fans, and rotary compressors, are set to operate at less than 100% output capacity. When attachments such as vanes, dampers, or control valves are used to reduce output, the motor wastes energy by continuing to draw at a high level.



**A variable speed drive can connect directly between the circuit breaker and the motor, allowing the operation to be adjusted so that only the required output is produced.**

Power consumption



— Altivar



At 80% flow, power consumption drops by 50% with the variable speed device.

# How can we help?

Schneider Canada Services & Projects is committed to helping you *make the most of your energy*™.



## Savings Study

Our experts can measure existing power consumption, estimate the potential savings of opportunities, recommend a solution and provide a return on investment estimate.



## Engineering Services

We have the expertise to ensure your project goes smoothly from start to finish. We can recommend the appropriate equipment, organize delivery of all materials, and install, commission and hand over the equipment.



## Verification Services

Our team of experienced professionals can verify that your installed solution is achieving the anticipated savings.



## Certification Services

Many agencies and electrical utilities offer incentive programs for reducing energy consumption.

We can provide certification of savings in energy or carbon emissions for customers that install our solutions



## Maintenance Services

To ensure your equipment continues to provide optimal performance, we can provide a maintenance program which is uniquely suited to your specific needs.

# Schneider Canada Services and Projects

is a division of Schneider Electric. We are members of the network of Schneider Services located in over 130 countries.

## We provide

a wide range of comprehensive, focused solutions to performance problems for any type of electrical equipment.

## We offer

complete service solutions to install, maintain, analyze and modernize your electrical system.

## Our Canadian network

Belleville, ON	613.969.0666
Calgary, AB	403.214.3160
Cambridge, ON	519.621.5756
Chicoutimi, QC	418.549.5544
Edmonton, AB	780.455.7560
Halifax, NS	902.450.0360
London, ON	519.451.4453
Mississauga, ON	905.678.3004
Moncton, NB	506.857.0719
Montreal, PQ	514.697.4790

Ottawa, ON	613.247.7171
Quebec City, PQ	418.688.9500
Regina, SK	306.771.5011
Richmond, BC	604.273.3531
Saskatoon, SK	306.668.5588
Sudbury, ON	705.560.9516
Victoria, BC	250.704.1177
Windsor, ON	519.974.0900
Winnipeg, MB	204.488.2548

Services

### Schneider Electric

Schneider Canada Services and Projects  
6675 Rexwood Road  
Mississauga, Ontario  
L4V 1V1  
Tel: 905.678.7000

Head office  
19 Waterman Avenue  
Toronto, Ontario  
M4B 1Y2  
Tel: 416.752.8020