Save energy and control precise temperature
Brand New in 2017, the Delta T Systems ‘VS Chiller’ features a variable speed compressor
that operates efficiently between 10% and 100% of its rated capacity. Using ‘green’ variable
speed technology proven in the HVAC industry, the compressor produces up to a stunning 50%
energy savings over traditional hot gas bypass regulation. These cost savings can pay
for the chiller in less than 3 years.
This chiller also has state-of-the-art controls and sensors allowing it
to hold exact temperatures
(± 0.5°F) in your process.

PRODUCT HIGHLIGHTS

- Energy savings up to 50% compared to traditional chillers
- Effective operation between 10% and 100% load
- Tight temperature control to within ±0.5°F
- 1-15 ton cooling capacity, air-cooled
- Adaptive controls with remote communication option
- Industry 4.0 ready
- Hermetically sealed variable speed compressor
- Electronic expansion valve
- Variable speed condenser fan
- Standard operating range from 0°F to 80°F (-18°C to 27°C)
- Pump capacity 2 to 72 GPM
- Non-ferrous chilled water piping

AVAILABLE IN STAINLESS STEEL
ALL DELTA T SYSTEMS’ PORTABLE VARIABLE SPEED CHILLERS HAVE THESE STANDARD MECHANICAL FEATURES

- Stainless steel, copper brazed plate evaporator
- Microchannel aluminum condenser coils
- Evaporator inlet strainer
- Refrigerant suction and discharge pressure transducers
- Refrigerant suction and condenser inlet temperature sensors to maximize electronic expansion valve and condenser fan efficiency
- Compressor discharge temperature sensor for compressor protection
- Chilled water in and out pressure and temperature sensors
- Tool free full access on all sides
- Separate air section so chiller can be serviced by removing panel without creating faults
- Round coil allows for locating chiller against a wall or in a corner
- Automatic water bypass
- Flow indication
- Dirty strainer indication
- Tank level indication
- TEFC Pump

STANDARD ELECTRICAL AND CONTROL FEATURES

- NEMA 12 electrical panel
- Disconnect switch
- 24V Controls
- Finger safe electrical components
- Phase monitor
- Proprietary, state of the art control platform
- Flexible remote communication options
- Extensive digital data collection
- Adaptive control reduces downtime
- Data logging
- Remote monitoring (optional)

ANNUAL COST SAVING COMPARISON

Delta T “VS Chiller” vs Fixed Speed Compressor

Want to know your cost savings? Contact us today!

Our Temperature Control Units Perform to Spec for Applications in Numerous Industries

Water Circulating Units • Oil Circulating Units • Portable Chillers
Pump Reservoirs • Heat Exterminators • Other Specially-Designed Equipment and Systems

If there is an option or accessory that you are interested in but do not see it listed, please consult a factory representative.