



# HURON B10VSD & B10TDVSD REVOLUTIONARY 10 HP SINGLE PHASE DESIGN

**MINIMAL AMP DRAW - ONLY 55 A  
100% DUTY CYCLE**



Model B10TDVSD  
is shown

ROTARY SCREW COMPRESSORS  
**BUILT BETTER**

**5** YEARS  
LIMITED  
WARRANTY

› **VARIABLE SPEED DRIVE WITH VS20 CONTROLLER**

Eliminates in-rush current and constantly matches the energy use with air demand

› **DIRECT DRIVE - NO GEARS**

For improved performance and efficiency

› **VERY LOW TOTAL COST OF OWNERSHIP**

VSD will smoothly adjust the motor speed to maximize energy efficiency.

The motor and variable speed module are matched to provide optimum performance and reliability at all times.

› **ENERGY EFFICIENT**

**100+ YEARS OF ENGINEERING & MANUFACTURING EXCELLENCE**

[www.dvsystems.ca](http://www.dvsystems.ca)

# B10VSD HURON

## 10 HP TANK MOUNTED ROTARY SCREW AIR COMPRESSOR

37 CFM @ 145PSI

SINGLE PHASE OR THREE PHASE

- VS20 controller featuring bright LCD display:
    - › Monitors pressure, and allows setting of target pressure (100 - 145 psi)
    - › Monitors temperature
    - › Monitors service interval
    - › Running hours, Loaded hours
    - › Service Fault history for improved troubleshooting
  - TD model includes ASD40 dryer and 10 micron ceramic filter
  - Safety protection includes, motor overload, phase loss, inverter overload, high ambient temperature, high operating temperature, high pressure, sensor failure, input voltage quality.
  - High quality North American TEFC industrial electric motor
  - Direct drive, direct coupled – no gears. Reliable, low service, no energy losses guaranteed alignment
  - Low noise level - 68 dBA
  - 80 gallon receiver built to ASME codes and CRN registered
  - Oversized aluminum core oil cooler with integral air after cooler. Ensures stable operating temperature of compressor. Air aftercooler combined with Air receiver delivers air to within 10C of ambient temperature, removing the majority of water condensate.
  - Ball valve outlet included.
  - Maximum operating amp - 55 A
  - Independent centrifugal cooling fan, low noise, high efficiency
  - Cabinet construction and forced air cooling allow for ducting of exhaust air for heat recover further enhancing the overall efficiency of the air compressor.
  - Powder coated heavy gauge steel – full enclosure with easy access panel for routine maintenance.
  - Easy installation - one power connection at junction box, one air connection at ball valve.
  - Easy service – simple easy access spin on oil filter, air filter and spin on oil separator ensure easy and fast routine maintenance – and no belts to change or adjust.
- Power assembly is fully isolated from base and cabinet to minimize vibration transmissions contributing to exceptionally low noise level and smooth operation.
- Overall dimensions: 61" wide x 51" high x 30" deep ■ Weight: 722 lbs./870 lbs. (TD)

### VSD - VARIABLE SPEED MODULE

DV Systems' VSD (Variable Speed) module constantly matches the energy use with air demand, as your air consumption rate changes, VSD will smoothly adjust the motor speed to maximize energy efficiency. The motor and variable speed module are precisely matched to provide optimum performance and reliability at all times. VSD also starts the motor with a gradual speed increase to eliminate amperage surges.

### B10VSD HURON CAN PROVIDE ENERGY SAVINGS IN EXCESS OF 25%.

To maintain warranty please use only original service parts.

MK-B57: 2000 Hour/1 year Maintenance kit for B10VSD Screw Compressors

Kit includes: 1 gallon of synthetic compressor oil, 1 air/oil separator filter, 2 oil filters, 2 air filters

DV SYSTEMS INC. 490 Welham Rd. Barrie Ontario L4N 8Z4

Phone: 705 728-5657 • Fax: 705 728-4974

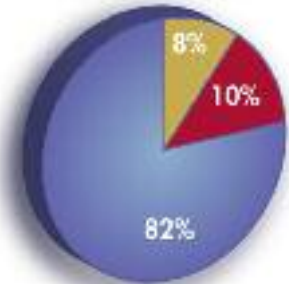
Toll free: 1 800 668-8558 (Canada)

Email: sales@dvsystems.ca • [www.dvsystems.ca](http://www.dvsystems.ca)

As we are continually trying to improve our products, specifications are subject to change without notice.

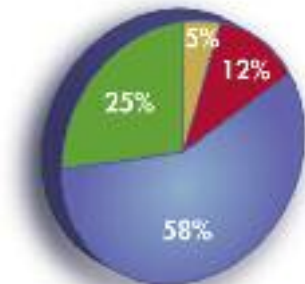
### LCC - LIFE CYCLE COSTS

#### TYPICAL INSTALLATION



● ENERGY  
● INVESTMENT  
● SERVICE

#### VSD INSTALLATION



● ENERGY  
● INVESTMENT  
● SERVICE  
● ENERGY SAVINGS

e

BUILT BETTER



©DV Systems Inc. 2010  
B10VSD-09-2010-3 Printed in Canada