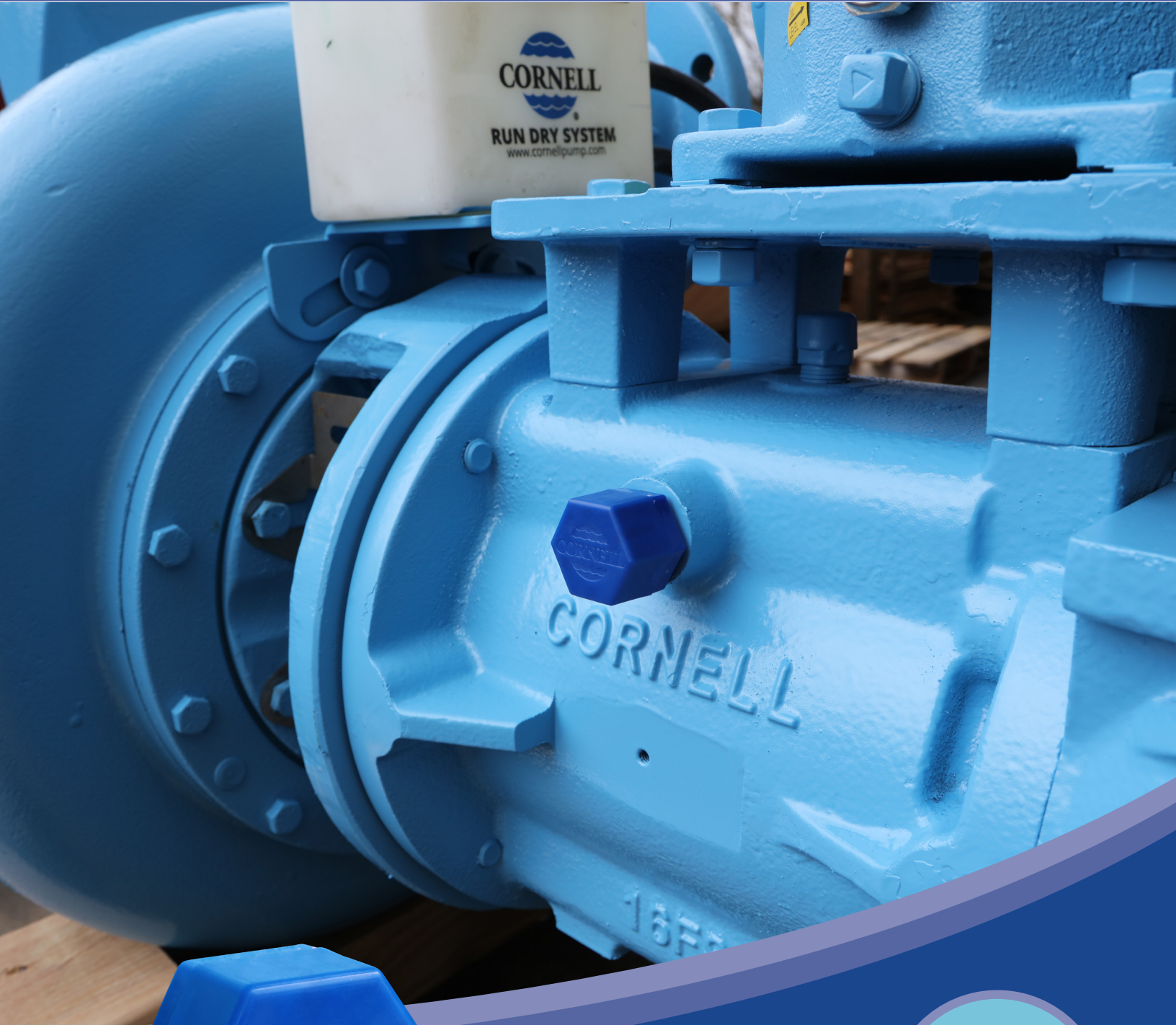


CORNELL PUMP COMPANY

CORNELL PULSE™

SHORT-RANGE WIRELESS COMMUNICATION PUMP MONITOR



PULSE™ FEATURES



CORNELL
 Pulse™

An innovative technology that makes monitoring your pump easier than ever.



MONITOR PUMP
HEALTH ONSITE



LOG REPORTS TO REVIEW
AND COMPARE



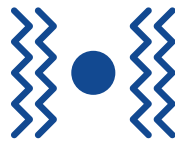
ACCESS INFORMATION VIA
AN EASY-TO-USE MOBILE APP



GAUGE BEARING FRAME
TEMPERATURE



USE ONBOARD POWER FOR UP TO
THREE YEARS FOR CONSISTENT,
ACCURATE READINGS



MEASURE PUMP VIBRATION
SEVERITY



DISTINGUISH/RENAME PUMPS
FOR GREATER CLARITY IN
MULTIPLE PUMP INSTALLATIONS

LEADING-EDGE REAL TIME SNAPSHOT

Cornell Pulse is an innovative technology that allows a user to measure a pump's vibration severity and temperature in real time. Pulse is a compact (approx. 1.5"/4CM diameter) pump-mounted wireless device that captures pump data when queried by the end user. Helpful pump measurements, such as temperature and vibration, are viewed by logging into a mobile app for phones and tablets. When coupled with our Remote Pump Maintenance and Monitoring (RPM2®) system, Pulses report data to the cloud and track pump and other rotating equipment conditions. RPM2® can also record the GPS location from where the scan took place. The detection of common pump problems is vital to increasing the lifespan of a pump and its efficiency.

As the name implies, the Pulse allows a user to check a pump's health quickly. The Pulse is a robust wash-down duty unit that can last around three years with daily measurements (more frequent measurements use battery power and reduce service life.)



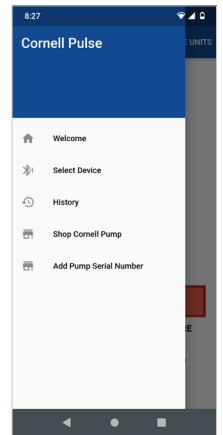
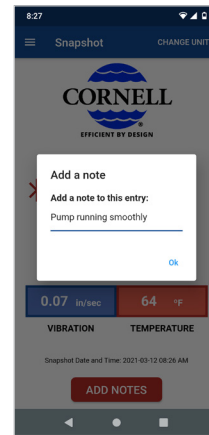
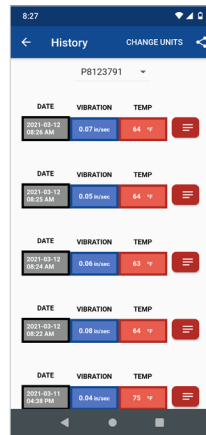
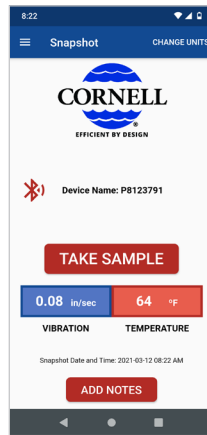
PULSE™ FEATURES

FREE APP AT YOUR FINGERTIPS

App is free in Apple and Android application stores, and new pumps from Cornell are rolling out with Pulse attached. The heartbeat of your system is now measurable whenever you need. Take the Pulse of your pump!



DOWNLOAD THE PULSE APP



**Pulse is attached to all pumps where the submergence and operating temperature allows. It may be excluded from certain turbines, refrigeration, hot oil, and submersible pumps.*

Visit www.cornellpump.com/pulse/ for more information about the Cornell Pulse.

COMMUNICATION

- Low-energy, short-range wireless
- 33'/10m range with short-range wireless communication mobile application

MONITORING

- History: The app stores your previous records for each scanned device. No reporting features available yet. The data is collected on demand, and then can be plotted by the user.
- History can be exported and shared via CSV files.
- Application: Mobile app in iOS or Android.
- Frequency: upon user initiated connection.

PARAMETERS

- Vibration
- Temperature
- Alerts: provides data at moment of request. The data could be plotted by user, but must be done manually.

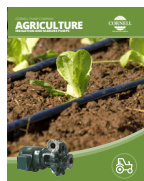
DIMENSIONS /OPERATING STANDARDS

- Battery life: approximately three years (depending on operating conditions and number of queries per day)
- Power: onboard battery. Not replaceable
- Inputs: no additional inputs
- Temp Sensitivity: +/- 10 degrees F / 5.6 C
- Vibration Accuracy: +/- 0.05 in/sec (+/- 1.27 mm/sec) Up to 1 in/sec
- Vibration frequency: 10Hz to 1kHz
- IPEX Rating: IP 65 Washdown duty
- Rated Operational Temperature: -4F / -20C to 185F / 85C
- Size: 1.57" x 1.57" x 1.19" (40mm x 40mm x 30mm)
- Warning: do not over-torque the Pulse unit on installation or disassembly. Recommended 75 in-lbs torque (6.25 ft-lbs)

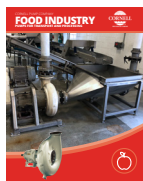
PART OF RPM² ASSET
MANAGEMENT SYSTEM



CORNELL PUMP COMPANY MARKET & PRODUCT LINE



AGRICULTURE



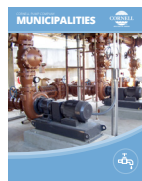
FOOD PROCESS



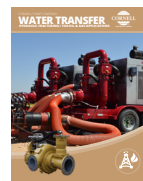
INDUSTRIAL



MINING



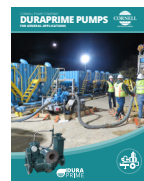
MUNICIPAL



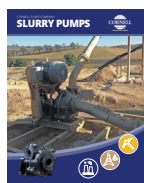
WATER
TRANSFER



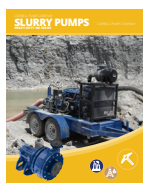
REFRIGERATION



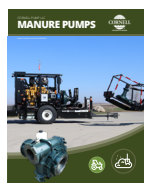
CONSTRUCTION



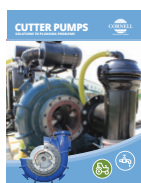
SLURRY



SLURRY SM



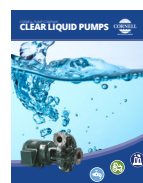
MANURE



CUTTERS



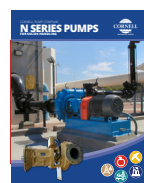
SELF PRIMING



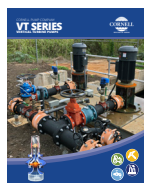
CLEAR LIQUIDS



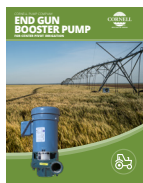
MX SERIES



N SERIES



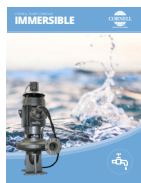
CYCLONE™



EDGE™



HYDRAULIC
SUBS



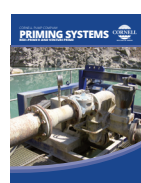
IMMERSIBLE



CD4MCU



RUN-DRY™



PRIMING
SYSTEMS



CYCLOSEAL®

Cycloseal® and Redi-Prime® are Registered Trademarks of Cornell Pump Company.

Cornell pumps and products are the subject of one or more of the following U.S.
and foreign patents:

6,074,554; 6,036,434; 6,079,958; 6,309,169; 6,104,949.

24 - IO - BR - 801

CORNELLPUMP.COM
©2024 CORNELL PUMP COMPANY

AUTHORIZED CORNELL PUMP DISTRIBUTOR



Certified to
ISO 9001:2015



Cornell Pump Company
Clackamas, Oregon, USA
P: +1 (503) 653-0330
F: +1 (503) 653-0338