

A sailboat with a large white sail is on the water during a sunset. The sun is low on the horizon, creating a warm orange glow that reflects on the water. The sky transitions from orange near the horizon to a clear blue at the top. The water has gentle ripples. On the left side of the image, there is a vertical blue bar with white circuit-like patterns and circles.

MARKETING PORTFOLIO

Carlos Melgarejo

SENIOR MARKETING SPECIALIST

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B2B MARKETING CAMPAIGN


PLM FOR GREEN ENGINEERING & SUSTAINABILITY CAMPAIGN

ASSETS DEVELOPED:

- LANDING PAGE – WEB COPY
- CASE STUDIES
- CUSTOMER VIDEO TESTIMONIALS
- BLOGS

PLM FOR GREEN ENGINEERING LANDING PAGE

Asset developed: Web copy

 / Green Engineering

PLM for Green Engineering: Utilize Digital Thread Capabilities to Support Sustainability Initiatives

Base design and sourcing decisions on the impact they will have on your Co2 footprint

Contact Us

Control + click on image to access webpage

What is green engineering?

Today's manufacturers make decisions that can have a significant impact on the future of the environment and the people within it. There are solutions that enable 'eco-friendly' product development processes which lessen an organization's carbon footprint.

Green Engineering is the practice of leveraging PLM data not only to help calculate the Co2 footprint of a product but also to evaluate design and supply chain decisions with sustainability in mind.

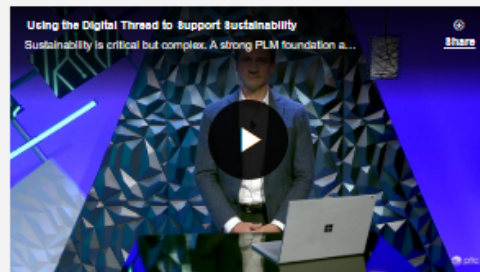
Why is sustainability important in engineering?

A great sustainability strategy requires real actions. When designing a product, engineers must take into consideration the environmental impact of the processes and materials used.

In addition to the social and environmental good they generate, green strategies can also have tremendous business benefits including:

- Reduction of raw materials and energy consumption
- Increased top- and bottom-line through recycling and reuse programs
- Ability to compete in markets with increasingly comprehensive and strict environment, health, and safety regulations
- Improved brand reputation and goodwill
- Improved company culture and employee engagement

Watch our video to learn how [PTC's portfolio of digital thread solutions](#) help industrial companies drive their sustainability initiatives.



Disciplines of green engineering: PLM and the digital thread

There are many disciplines and tools that can support green engineering initiatives. Key among them include:

Expand All Collapse All

- ✓ Design for sustainability
- ✓ Assembly and disassembly design
- ✓ Generative design
- ✓ Manufacturing resource optimization
- ✓ Closed-loop engineering



Waste reduction

A digital thread provides complete data about a product and its parts. Manufacturers can utilize this to select and design products with recyclable parts which minimizes waste, increasing recyclability and revenue.



Materials management

By creating a circular lifecycle plan that enables materials management, your organization can use less, use better, and use again, as well as manage supplier and parts classification of sustainable materials.



Pollution prevention

Sustainable engineering along with a green PLM strategy helps manufacturers minimize the depletion of natural resources by reusing materials and eliminating waste. This protects nature while safeguarding human health.



Product enhancement

Green processes enabled by a digital thread allow products and their lifecycles to be designed sustainably. Real-time product data is used to manufacture a product, making it less prone for errors and recalls.

PLM capabilities to support green engineering

Concurrent engineering

Model-based systems engineering (MBSE)

Supplier and component management

Parts classification

Concurrent engineering

Design and develop products sustainably by connecting globally distributed design and engineering teams for a seamless workflow. By working more efficiently while tracking and tracing all design data, this information can be used when a product must be recycled.

Learn More

The Sustainability Imperative: PLM for Green Engineering

Sustainable manufacturing is creating new opportunities for businesses and the planet alike. Learn how utilizing PLM for green engineering creates a foundation for a successful sustainability program in this eBook from industry analyst CIMdata.

Read the E-book

PLM FOR GREEN ENGINEERING SUPPORTING ASSETS

Assets developed: Case Studies



Electrolux



HP



Lifetime

Control + click on each box to access assets

Case study scripts available upon request.

PLM FOR GREEN ENGINEERING SUPPORTING ASSETS

Assets developed: Customer Video Testimonial



Vestas Sustainability Initiative

Control + click on the box to access asset

Video scripts available upon request.

PLM FOR GREEN ENGINEERING SUPPORTING ASSETS

Assets developed: Blogs



Sustainable Design



Sustainable Engineering

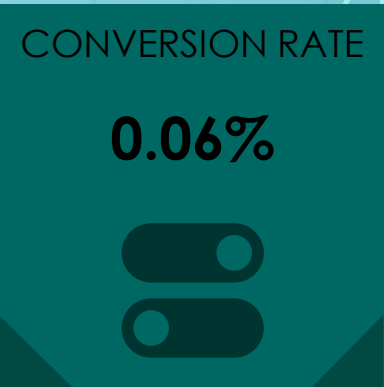
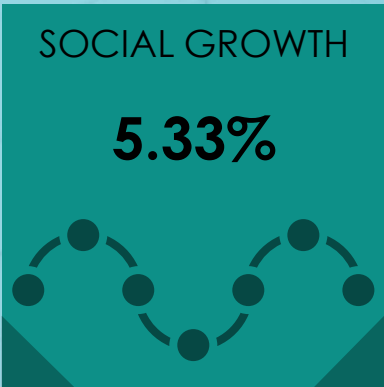
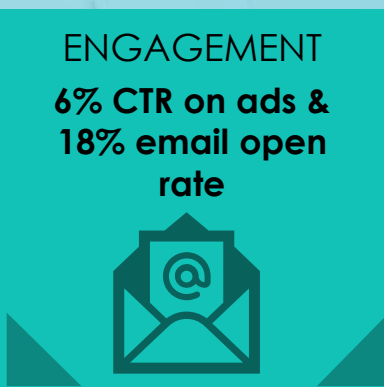
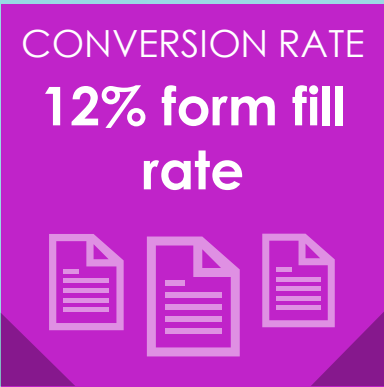


Sustainable Manufacturing

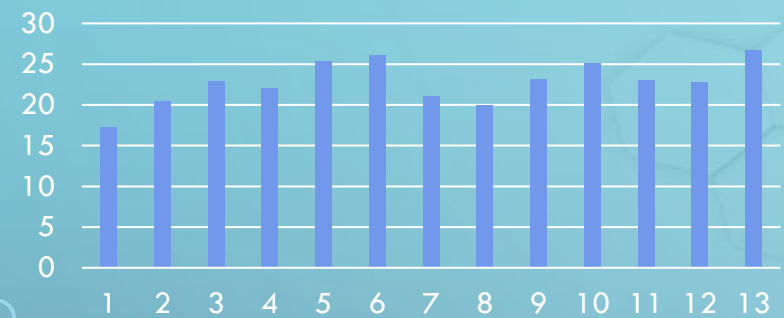
Control + click on each box to access assets

[Click here for more blog samples](#)

Blog scripts available upon request.



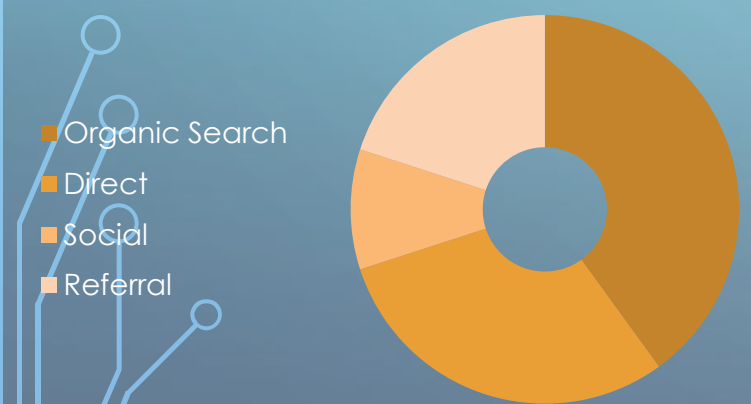
SITE VISITS by Month per 5k



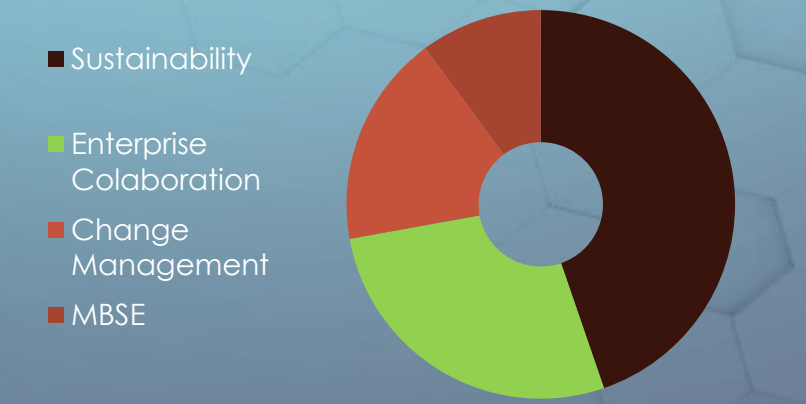
TRAFFIC and LEADS Per Source



TOP CHANNELS by Conversion



TOP CAMPAIGNS by Conversion



TOP PAGES by Conversion



SALES ENABLEMENT ASSETS

Value Roadmap Customer References

I developed all the copy and videos for a 36-customer reference deck, with each slide featuring a solution video. This deck was designed to empower the Sales team by showcasing how our product adds real value for customers. Sales representatives use it in meetings to illustrate how current customers leverage our solutions, highlighting the tangible benefits and value they gain.

I'm showing just a sample of it below.

MULTI-CAD DATA MANAGEMENT - CUSTOMER CASE STUDY

Value Realized: Lufthansa Technik

With 800 customers worldwide and 22,000 employees, Lufthansa Technik is the leading provider of aircraft maintenance, repair, overhaul, and modification services for civil aircraft, ranging from commercial to VIP and special mission aircraft. Holding international licenses for maintenance, design, and production, they offer tailored maintenance programs, modifications, completions, and conversions, as well as innovative cabin products, material pooling, and engine services.

[Learn More](#)

⚠ CHALLENGES

Lufthansa Technik designs, customizes, and manufactures parts, and repairs airplanes, collaborating with numerous suppliers, partners, and customers. Operating in a multi-CAD environment, they receive CAD files from various sources and in different versions. Without an efficient system to manage this CAD data, their ability to deliver value during the design phase was limited. Sharing CAD data with suppliers and customers was challenging, restricting their solutions. They needed a way to integrate all CAD data into one system for better management and enhanced value delivery.

✓ SOLUTION

Lufthansa Technik leverages Windchill for multi-CAD data management, seamlessly integrating data from various CAD systems. This solution streamlines their product development process by providing a common interface for accessing and viewing data from different CAD systems. It enables data conversion and exchange without loss of information or quality, facilitates collaboration and communication with stakeholders using a unified data format and language, and allows for the control and tracking of changes and revisions across all CAD systems.

[What is Multi-CAD in PLM and Why Does it Matter?](#)

“Do we have the ability to integrate into different systems? How to integrate the customers? What are the customer interfaces? It's their chance to really have requirement engineering. We found that within the PTC portfolio of Windchill.”

Severin Todt

Senior Director of IT, Lufthansa Technik

CUSTOMER INSIGHTS – LUFTHANSA TECHNIK



CHANGE IMPACT ANALYSIS - CUSTOMER CASE STUDY

Value Realized: Schaeffler

Schaeffler, a leading German automotive supplier, manufactures high-precision components and systems for drivetrains, chassis applications, and bearing solutions. With 83,400 employees, Schaeffler generated sales of EUR 16.3 billion in 2023. They have embraced digitalization and sustainability strategies to better serve its customers.

[Learn more](#)



CHALLENGES

Schaeffler's extensive product portfolio includes electric drives and chassis for the highly regulated automotive sector, which demands exceptional safety and compliance standards. The development of high-precision applications and the shift to mechatronic, software-driven products, and requirements have increased product complexity. To manage this complexity and increase speed and efficiency, Schaeffler required a solution to identify potential product impacts with each design change, allowing them to address issues proactively and prevent costly waste of time and resources.



SOLUTION

Schaeffler implemented Windchill to effectively manage the high rate of product changes that always happen in the automotive industry. This solution enables them to track potential impacts of these changes, with features like suspect flag marking that allow users to monitor object changes, trace dependencies, and follow traces. Reports provide visibility into the locations of these flagged elements, helping to prevent costly waste of time and resources. Additionally, Schaeffler has reduced the complexity of their mechatronic systems, further streamlining their operations.

[Understanding Change Management in Windchill eBook](#)

"We can shorten iteration of development cycles. We are having, I would say, a cost reduction in just creating, or at first creating virtual prototypes, not always physical prototypes, and test them, and then destroy them."

Helmut Huprich

Head of Engineer Applications,
Schaeffler

CUSTOMER INSIGHTS – SCHAEFFLER



MEDICAL DEVICE INDUSTRY SAMPLES



Closed-Loop Quality in the Cloud at Terumo BCT



Fresenius: Improving the Quality of Medical Devices and Care with Windchill



Revolutionizing Patient Safety With The Digital Thread



MicroVention Embarks on a Digital Thread Journey to Drive Product Development



VIDEO STORYTELLING SAMPLES

I HAVE SEVEN YEARS OF EXPERIENCE AS A TV JOURNALIST, WRITING, SHOOTING, AND EDITING NEWS STORIES, AND EIGHT YEARS IN CORPORATE MARKETING, CRAFTING VISUAL STORYTELLING THAT CAPTIVATES AUDIENCES, SPARKS EMOTION, AND DRIVES RESULTS.



WEBINARS & CUSTOMER TESTIMONIALS

Demonstrate:

- Efficiencies
 - Cost savings
 - Improved collaboration
- 
- 

CUSTOMER INSIGHTS - IROBOT



CUSTOMER INSIGHTS – VOLVO CE

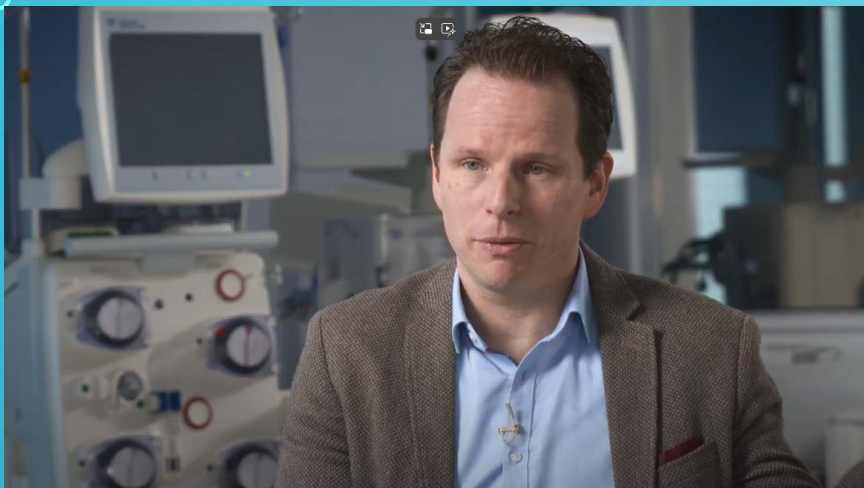


MICRO-CONTENT VIDEO STRATEGY

Once on the webpage, click on the CTAs to access Schaeffler videos

- Accelerate adoption
- Build user confidence
- Streamline buyer's journey







PENTAIR MARKETING CAMPAIGNS - B2C & B2B

PENTAIR SMART SUMP PUMP CONTROLLER PRODUCT LAUNCH

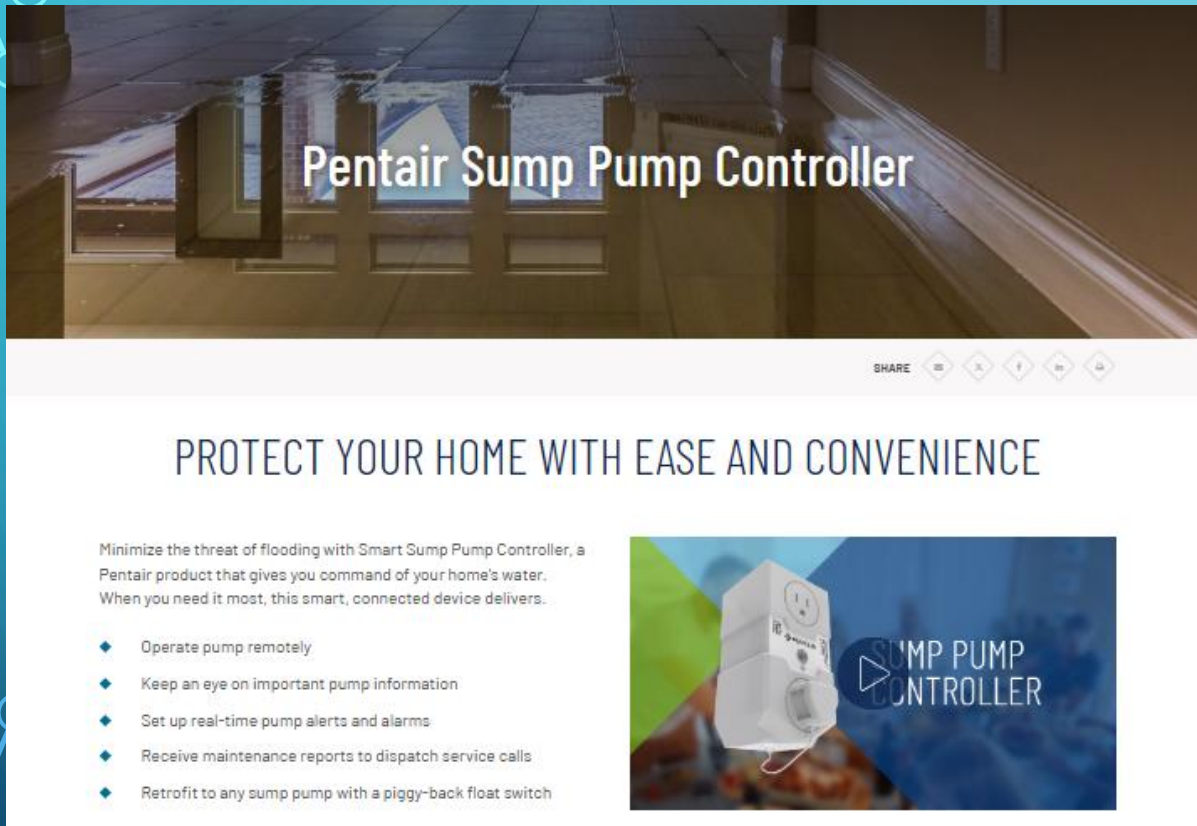
ASSETS DEVELOPED:

- LANDING PAGE – WEB COPY
- PRODUCT PAGE – WEB COPY
- PROMO AND OPERATION VIDEO
- SALES SHEET
- HOMEOWNER'S GUIDE
- PRESS RELEASE
- PRODUCT PACKAGING
- SOCIAL MEDIA ADS

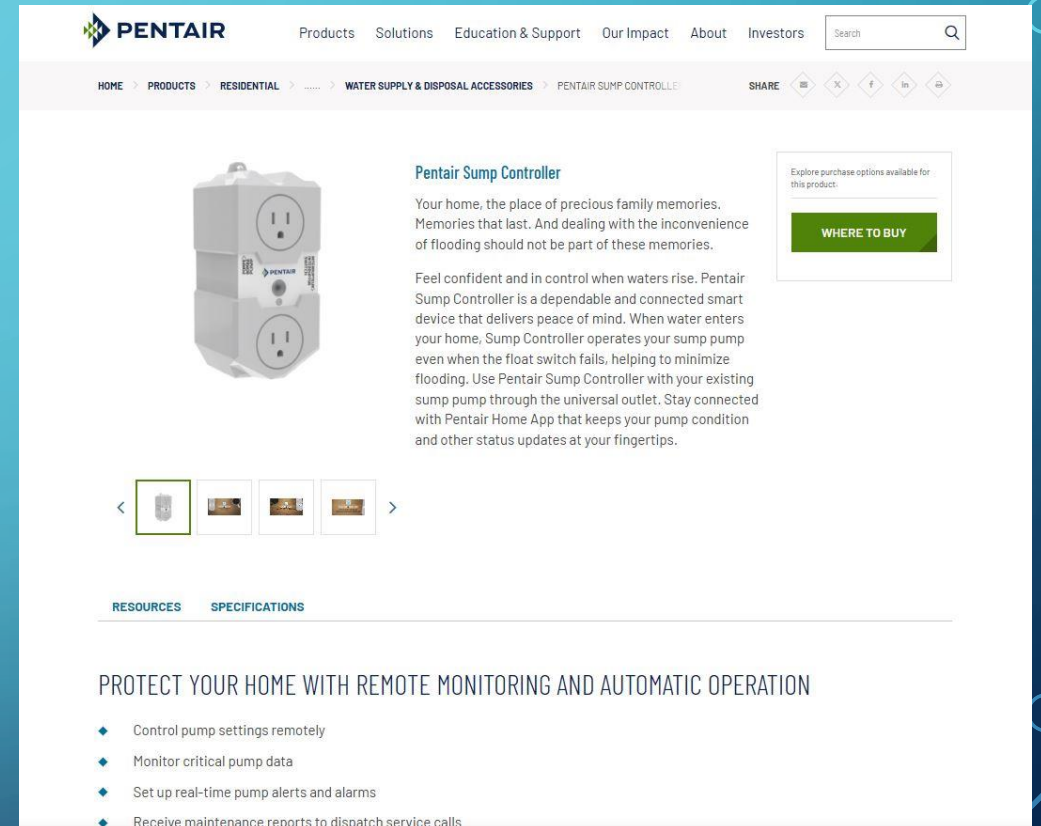
PENTAIR SMART SUMP PUMP CONTROLLER

Smart Connected IoT Device

Assets developed: Web copy



Pentair Sump Controller Landing Page



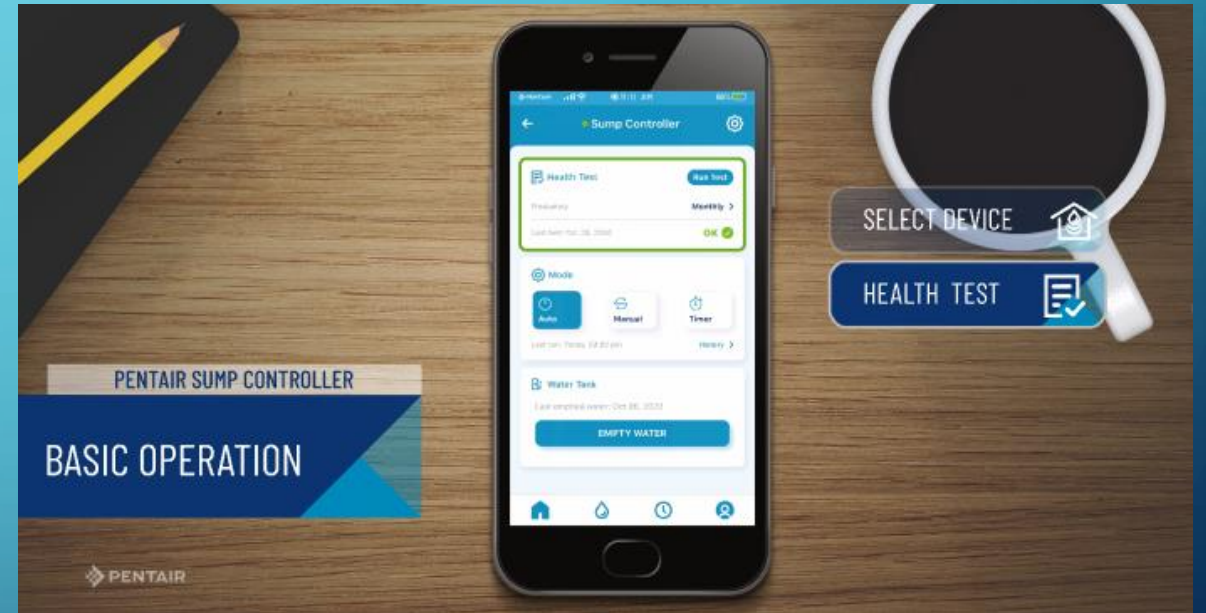
Pentair Sump Controller Product Page

Control + click on each image to access webpages

Promotional Video



Basic Operation Video



Sales Sheet

Homeowner's Guide

Press Release

Sump Controller

Home Flooding Relief. Plug In, Connect and Relax.

Flooding can happen unexpectedly and without warning. You need to be prepared. Help minimize damage to your home and deliver convenient relief for your family with Pentair Sump Controller.

This smart connected device will inform you of any abnormal condition or issue with your sump application. With remote monitoring and system diagnostics, be empowered to protect your property and stay in control. Anytime, anywhere.

Sump Controller can detect primary float switch failure and operate your pump using a secondary high water alarm, stepping in to reduce the risk of flooding if necessary.



PUMP SETTINGS

Control pump settings remotely from your phone.



SYSTEM ANALYTICS

Monitor your device with system diagnostics and analytics.



HIGH WATER ALARM

Stay aware and take action with a high water alarm.



PUMP CONDITION

Be informed with abnormal pump condition detection.



Easily retrofittable and simple to connect!

ORDERING INFORMATION

Model	Description	Weight (Lbs. / Kg)	Dimensions (in. / mm)			Master Pack Quantity
			L	W	H	
SSPC	Pentair Sump Controller	Controller	0.9	2.8	3.1	0.2
			0.4	70.1	79.0	156.5
		Carton with Controller	1.1	3.5	7.1	5.4
			0.5	88.9	180.0	125.9
			3.58" 90.1mm		Controller depth with plug	



Insist on Pentair to Stay in Control When Flooding Occurs. Visit [Pentair.com/sumpcontroller](https://www.pentair.com/sumpcontroller)

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PENTAIR HOME SUMP CONTROLLER

Homeowner's Guide

ENGLISH: 1-14 • ESPANOL: 15-28 • FRANCAIS: 29-42



FOR IMMEDIATE RELEASE

New Pentair Smart Sump Controller Helps Protect Homes from Flooding User-Friendly, Connected Device Empowers Homeowners to Take Preventive Action Anytime, From Anywhere

LONDON – April XX, 2021 – Pentair (NYSE:PNR), a leading provider of water treatment and sustainable solutions, introduces its versatile sump pump controller to help minimize the risk of flooding at home. The [Pentair Sump Controller](#) is a smart, connected device that offers ease and confidence to homeowners by providing real-time pump alerts via the Pentair Home app, and activating the sump pump when waters rise in the home during a weather event.

"For most people, their home is one of their biggest investments. Our new Sump Controller is the ideal solution to provide peace of mind and help protect your property when potential flooding and unwanted water put your home at risk," said Greg Claffey, Vice President of Pentair Residential and Irrigation Flow. "At Pentair, we are dedicated to providing smart, sustainable solutions that deliver convenience and ease of use while empowering homeowners to better manage home water needs."

The new Pentair Sump Controller is one of a range of smart solutions on the Pentair home app that help homeowners stay connected and manage their water from the convenience of their mobile device. Designed with an emphasis in convenience, the sump controller paired with the Pentair Home app enables the user to operate their sump pump remotely, access important performance information and receive real-time alerts. In the event the basement starts to take in water, the sump controller activates the sump pump and will operate the pump even when the primary float switch fails, helping lower the risk of flooding and damage to property. It also counts the number of cycles the pump has completed and the amount of run per cycle, helping detect failures before they occur. The universal outlet allows the user to retrofit the Pentair Sump Controller with most existing sump pumps.

Additionally, maintenance reports through Pentair Home allow the user to stay connected with a local pump dealer to fix any potential issue. With remote monitoring and system diagnostics, the homeowner is empowered to protect their property and stay in control anytime, anywhere.

To learn more about the Pentair Sump Controller, please visit [pentair.com/sumpcontroller](https://www.pentair.com/sumpcontroller).

About Pentair

Pentair makes the most of life's essential resources. From our residential and business solutions that help people move, improve and enjoy their water, to our sustainable innovations and applications, we deliver smart, sustainable solutions for life.

Pentair had revenue in 2020 of \$3 billion, and trades under the ticker symbol PNR. With approximately 9,750 employees serving customers in more than 150 countries, we work to help improve lives and the environment around the world. To learn more, visit www.pentair.com.

###

PRODUCT PACKAGING



SOCIAL MEDIA ADS



Pentair

Sponsored · 🌐

You can't always be home. Pentair Sump Controller can. Get sump pump data, flood alerts and peace of mind. Feel confident we'll take care of the fort for you.



**When You Get Back
Home, Know What
to Expect**



Pentair

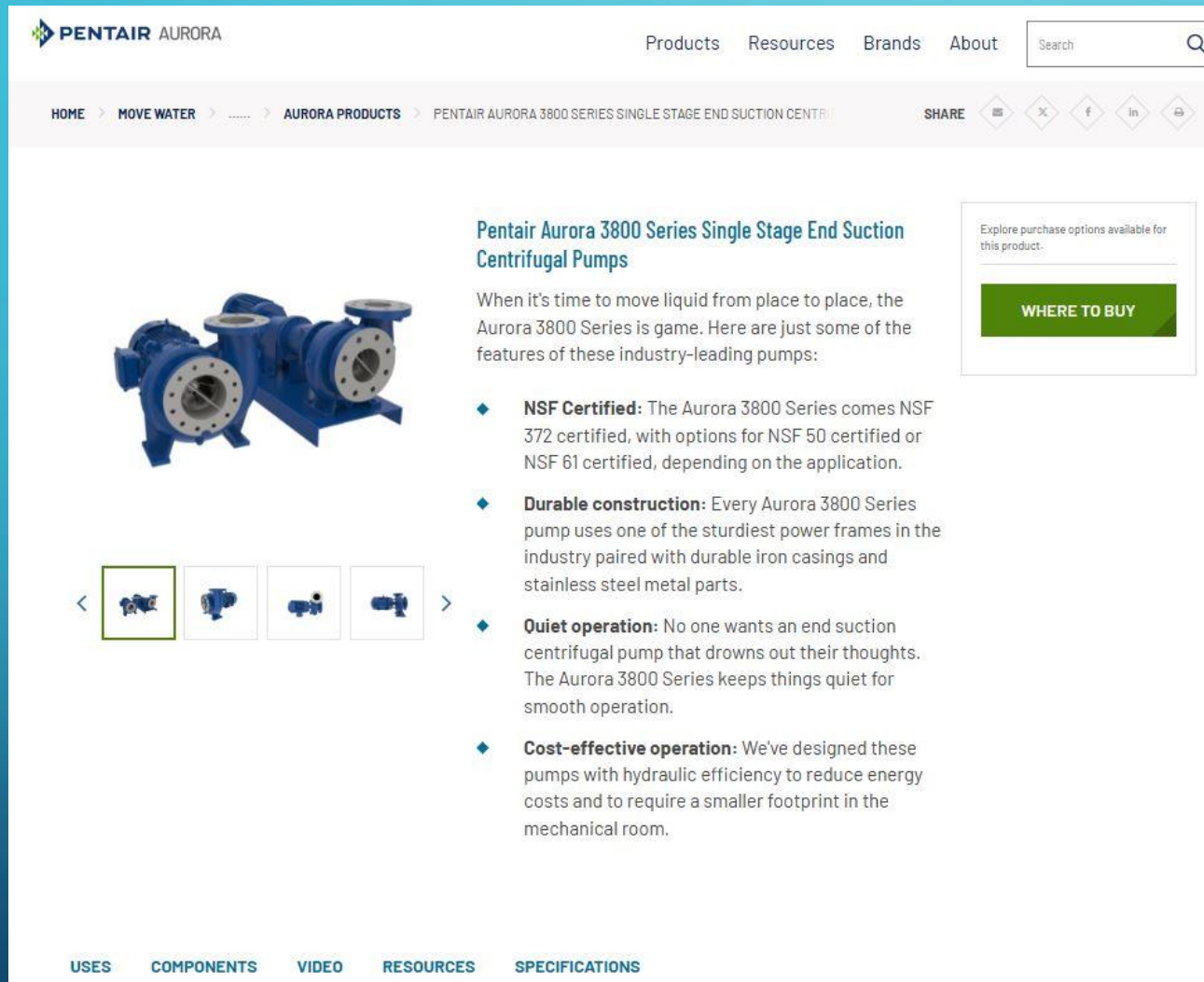
Sponsored · 🌐

Remote pump monitoring now fits in a small box. Pentair Sump Controller can help you be in control and feel confident when water threatens to flood your basement.



**Unbox Home Flood
Protection and
Peace of Mind**





COMMERCIAL HVAC & WATER SUPPLY PUMPS - B2B

I led the product launch and campaign for the Pentair Aurora 3800 Series End Suction Pumps, developing web copy and a full suite of supporting assets including the product brochure, sell sheet, and promotional flyers. Also crafted messaging and signage for trade shows, ensuring a consistent, compelling narrative across all channels to support a successful market debut.

Click on each image to access webpage and assets.

PENTAIR AURORA 3800 SERIES CAMPAIGN SUPPORTING ASSETS

3800 SERIES

Single Stage End Suction Pumps



MODEL 3804

MODEL 3801



Contact us to learn more about our NSF certified products.

pentair.com/aurora

PENTAIR AURORA® 3800 SERIES LIQUID END KITS

Commercial buildings need to operate in top condition to provide efficiency and comfort for tenants and visitors. However, building equipment such as HVAC pumps age and need maintenance, resulting in expensive repairs, down time or even pump replacement. This creates headaches for your customers building owners who need a quick and cost efficient solution to fix this problem.

Pentair Aurora Liquid End Kits are packages you should stock up to be able to build pumps and enable more agile response and faster shipment to your customers when requested. These kits feature interchangeability to keep your stock requirements to a minimum.

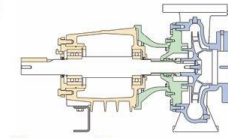
We provide a wide selection of Pentair Aurora Liquid End Kits that deliver convenience to you and your customers.

Stock up on Pentair Aurora Liquid End Kits that will help enable you to provide convenience and cost savings for your customers.



We offer five types of kits:

- Liquid End Kits (Pentair Aurora 3801) - For use with JM close coupled motor. Includes the casing and the impeller (full diameter unbalanced).
- Liquid End Kits (Pentair Aurora 3804) - For use with power frame pedestal units. Includes the casing and the impeller (full diameter unbalanced).
- Bracket Kits (Pentair Aurora 3801 and 3804) - Includes cast iron bracket, standard mechanical seal, stainless steel sleeve and required hardware for standard construction. Packages must be sized by impeller diameter in the pump model and motor frame size or power frame size.
- Power Frame Assembly Kits (Pentair Aurora 3804) - Includes the complete assembled power frame with shaft and bearings.
- Foot Support Kits (Pentair Aurora 3804) - Mounting feet are required on all 3804 pumps. Includes the feet and required hardware.



■ Liquid End Package ■ Bracket Package
■ Power Frame Assembly Package* ■ Foot Support Package

*Power frame assembly package includes shaft & foot support package by default.

Having these kits in your inventory provides several benefits:

- Versatility - Ability to build multiple pumps from stocking on various kits.
- Faster Delivery - Having the kits in inventory saves you time when building the pump.
- Better Service - Capability to quickly deliver to your local market.



We offer the following Close Coupled Motor Frames for the Pentair Aurora 3801 Series Liquid End Kits:

- HP motor with a 145 JM frame up to a 30 HP motor with a 326 JM frame at 1000 RPM
- 1HP motor with a 145 JM frame up to a 50 HP motor with a 326 JM frame at 1800/1500 RPM
- 1.5 HP motor with a 145 JM frame up to a 60 HP motor with a 326 JM frame at 3600/3000 RPM

For more information visit the Pentair Aurora Distributor Only Website at distributor.pentair.com or select and order your kits through the Pentair Excessump Pump Selection Tool at pentair.com/Excessump.

Sell sheet

Sales flyer

Scan the QR code or visit pentair.com/aurora to learn more.

3800 SERIES Single Stage End Suction Pumps

Applications	Max Flow	Max Head	Max Temp	Stages	Coupling	Configurations	Certifications
Municipal/Industrial/Commercial:	4,200 gpm (964 m ³ /hr)	520 ft (158 m)	275° F (135° C)	Single	Close (3801) Flexible (3804)	Horizontal	NSF372 NSF61 NSF50

FLEXIBLE

- Double volute discharge helps reduce bearing loads!
- Back pullout casing feet make service easy
- Gauge taps on suction and discharge flanges boost visibility
- Optional seal materials match largest installed base flange to flange!

DURABLE

- Durable iron castings allow for higher working pressures
- Carbon mechanical seal built with durable 303 stainless steel metal parts and Buna-N® flexible elastomers
- Stainless steel shaft sleeve protects the motor
- Stainless steel impeller is keyed and secured to the shaft extension
- Steel shaft reduces deflection!
- Re-greaseable bearings help reduce friction!

RELIABLE

- High-performance motors help reduce pump noise!
- Factory hydrostatic testing guarantees casing and seal integrity
- Suction splitter capabilities help reduce pre-rotation and boost efficiency
- Optional casing wear rings help reduce internal recirculation
- Heavy-duty power frame delivers 100,000 hours of re-greaseable bearing!

MODEL 3801

MODEL 3804

*Including shaft and seal kit. Suction splitter not available.
†300 only.
JM = JM Motors per 3801, 1 = 75 motors on 3804.

LIFECYCLE SUPPORT FOR YOUR PUMP

When it's time to service your pump equipment with replacement parts, there's no room to gamble on unknown suppliers. We carry thousands of genuine OEM parts tailored to Pentair pumps, ready to ship quickly.

HYDRONIC ACCESSORIES

Get the most out of your system with a wide range of hydronic accessories that can help boost performance and reliability.

ICONIC PERFORMANCE FROM A TRUSTED BRAND

Backed by over a century of innovation, Pentair Aurora® pumps deliver efficient, reliable performance in commercial HVAC and water boosting applications. Aurora pumps are designed to check all your boxes. Free company fluids that can fit in tight spaces, to durable components that hold up in high-demand environments.



Applications	Max Flow	Max Head	Max Temp	Stages	Coupling	Certifications	Certifications
3800 SERIES HVAC, Commercial Water	4,200 gpm (964 m ³ /hr)	520 ft (158 m)	275° F (135° C)	Single	Close (3801) Flexible (3804)	Horizontal	NSF372 NSF61 NSF50
3808 SERIES HVAC, Commercial Water	11,000 gpm (2420 m ³ /hr)	100 ft (30 m)	275° F (135° C)	Single	Close (3801) Flexible (3804)	Vertical	NSF372 NSF61 NSF50
400 SERIES HVAC, Commercial Water	11,000 gpm (2420 m ³ /hr)	100 ft (30 m)	275° F (135° C)	Single	Close (3801) Flexible (3804)	Vertical	NSF372 NSF61 NSF50
PVM SERIES Process Water	11,000 gpm (2420 m ³ /hr)	100 ft (30 m)	275° F (135° C)	Single	Close (3801) Flexible (3804)	Vertical	NSF372 NSF61 NSF50

COMMERCIAL HVAC & WATER SUPPLY PUMPS



3800 SERIES Single Stage End Suction Pumps

3800 Series pumps bring more flexibility, durability, and exceptional performance to your pump room. A simplified line of rugged and flexible-coupled pumps simplifies your skills of options without limiting ranges or interchangeability.

Five-year warranty for increased peace of mind.



3828 SERIES Single Stage Vertical-In-Line Pumps

With shared hydraulic parts, premium materials, and efficiency standards that exceed U.S. Department of Energy compliance, 3828 pumps are specifically designed for direct pipeline mounting to save space in a pump room - all while delivering best-in-class performance.

Five-year warranty for increased peace of mind.



400 SERIES Split Case Pumps

400 Series pumps are built to last using high-quality materials and protective design elements that help keep your pump operational for decades. 400 Series pumps are best for installations with small-to-medium-scale pumping needs, while 420 Series models offer increased flow rates and pressure ranges for demanding municipal, industrial, and commercial water systems.



PVM SERIES Vertical Multistage Pumps

Equipped with powerful premium-efficient EFrac motors, incredibly durable components, and flexible connection options, PVM Series pumps are built to deliver reliable performance in commercial applications.

COMMERCIAL WATER SUPPLY PUMPS

Tradeshaw booth for product launch



group

Brochure

Commercial HVAC & water supply pumps brochure

SOCIAL MEDIA ASSETS: CREATIVE/FUN TONE


 **Pentair**
Sponsored · 🌐

Register for our Grinder Pump Virtual Demo. Watch as we feed our hungry grinder pump jeans, mop heads, rope and swiffer pads.




PENTAIR.COM
Let us handle the feeding frenzy for you

[Learn More](#)

 **Pentair**
Sponsored

[Like Page](#)

As water rushes in, money rushes out. If you don't rush to clear it out of your home, it'll cost you. Remove unwanted water quickly with Pentair Utility Pump Solutions.




Pentair Flotec FPOF360AC Cyclone™
Water Removal Utility Pump


★★★★☆ Amazon customers star rating

What enters as water doesn't have to exit as money.
Your Description Here

POSITIVE TONE EXAMPLES

 **Pentair**
Sponsored · 🌐

Canned food, water, flashlights, sump pump...sump pump? Don't have a sump pump to help keep your basement dry? Don't know where to start? Consider Pentair Water Disposal Pumps to help you prepare!



PENTAIR.COM
Your Hurricane Preparedness List [Learn More](#)

 **Pentair**
Sponsored · 🌐

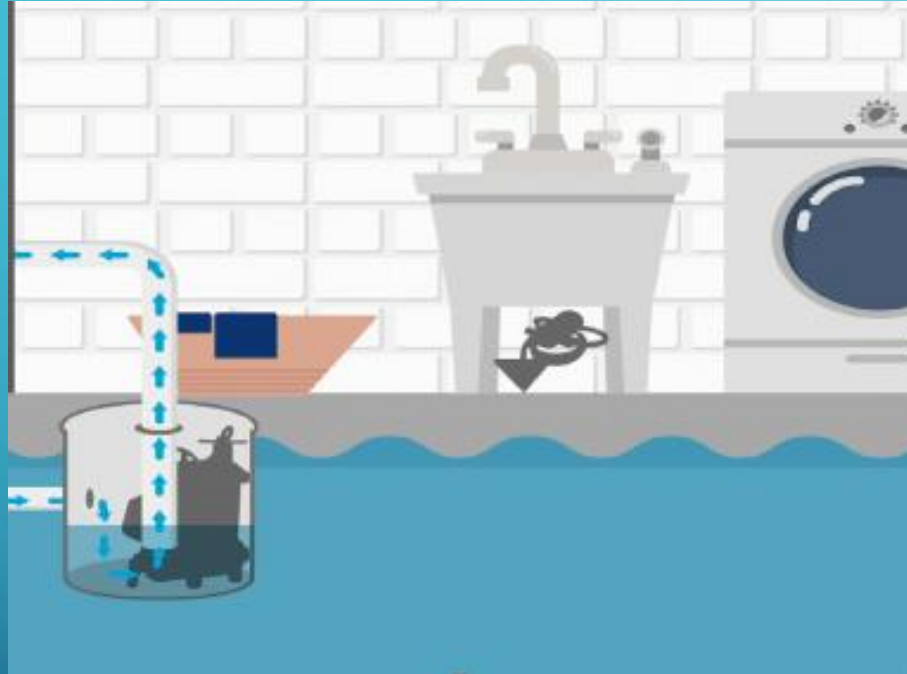
Once the high winds let up and your basement is still dry, have a sigh of relief knowing that Pentair Sump Pump Solutions have helped protect your home and your family.



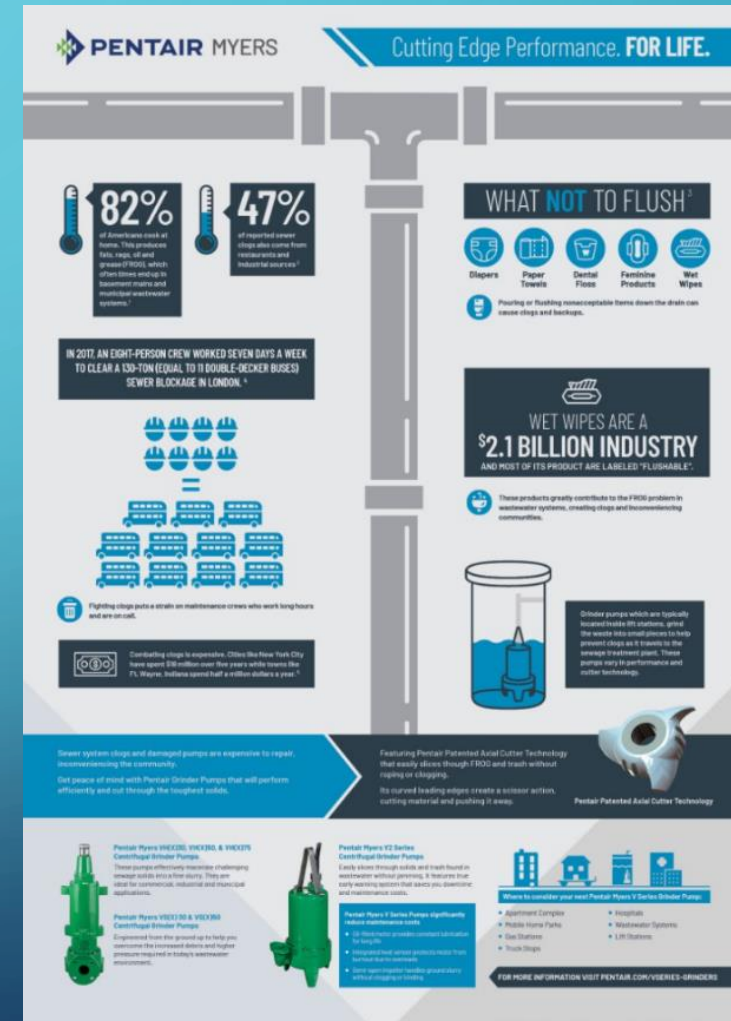
PENTAIR.COM
Are You Prepared for Hurricane Season? [Shop Now](#)

VISUAL SAMPLES

Animation Video



Grinder Pumps Infographic



AGRICULTURAL SOLUTIONS - DIGITAL DISPLAY ADS



Insist on Pentair Agricultural Spray Nozzle Solutions!

PENTAIR
HYPRO

Agricultural spray nozzles.
Small in size. Big in application
efficiency and accuracy.
Leverage their full potential.

[Shop Now](#)



Insist on Pentair Agricultural Spray Nozzle Solutions!

PENTAIR
HYPRO

Because this is how you get things done.
Cruise around your field with confidence while spraying
accurately, efficiently and with minimum droplet drift.

[Shop Now](#)



Insist on Pentair Agricultural Spray Nozzle Solutions!

PENTAIR HYPRO

Is part of your spraying gone with the wind?
Help minimize droplet drift and maximize peace of mind
for a highly efficient agricultural pesticide application.

[Shop Now](#)



Insist on Pentair Agricultural Spray Nozzle Solutions!

PENTAIR
HYPRO

Have a specific agricultural
spraying task at hand?
We have a specific nozzle for that.
Highly engineered for your demands and for
effective and precise applications.

[Shop Now](#)

TRADITIONAL MEDIA PORTFOLIO

ProStop-E Print Ad

PENTAIR HYPRO

Smart precision spraying. Simplifying work in the field.

Cut Straight Lines to Potentially Save Time and Money

When spraying, the choice to drive around borders and water ways or drive straight through will result in either overapplication or application waste. Increase the performance of your application and reduce overspraying with individual nozzle control. Take advantage of Pentair Hypro™ Precision Application Solutions tailored to your needs.

HYPRO PROSTOP-E SINGLE NOZZLE BODY

- Increase precision application with individual on/off nozzle control
- Optimize spray delivery and nozzle selection automatically while spraying

HYPRO PROSTOP-E DUAL NOZZLE BODY

- Apply individual nozzle control with A, B, A+B functionality for similar distribution pattern as speed changes
- Switch between two nozzles to cover a wide range of operating speeds while maintaining constant spray quality and eliminate misapplication

To learn more about what our solutions can do for you, visit pentair.com/precisionagriculture

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Nozzle Countertop Display

PENTAIR HYPRO

Assembly Instructions

SPRAY NOZZLE SELECTION

PENTAIR HYPRO

SELECT YOUR NOZZLES WITH EASE.

Download the Hypro Range 3 Nozzle Selection App

Hi-Flow
The choice for precision spraying liquid herbicides and pesticides for broadcast application.

ESI Six Stream
Ideal for spraying liquid herbicides and pesticides for broadcast application.

Ultra Lo-Drift
Ideal for spraying liquid herbicides and pesticides for broadcast application.

Ultra Lo-Drift Max
Ideal for spraying liquid herbicides and pesticides for broadcast application.

3D
Ideal for spraying liquid herbicides and pesticides for broadcast application.

GuardianAIR Twin
Ideal for spraying liquid herbicides and pesticides for broadcast application.

SPRAY MORE EFFICIENTLY AND GAIN PEACE OF MIND.

pentair.com/hypro

Intellidrive Trifold Brochure

UPGRADE YOUR HOME'S MOST IMPORTANT APPLIANCE

Today's homes are getting smarter every day, providing you with the dependability and performance you demand. Enjoy a great shower with constant water pressure. With Pentair Pentek Intellidrive, the power and control are yours.

- Increased protection
- More control over your water pressure
- Constant connectivity with Pentair Home App, alerting you of problems with your system

BE IN CONTROL WITH CONSTANT CONNECTION.

Monitor your well water system at any given moment with most mobile devices. Whether you're home or away, 24 hours a day, 7 days a week, Pentair Home App puts the power of connectivity at your fingertips and lets you be in charge.

STATUS
View system status and drive settings remotely when troubleshooting.

PRESSURE
Check actual system pressure at any given time.

FAULT CONDITION
Take action when alert notifies the drive has stopped running.

INTERNET CONNECTION
Stay always connected with notifications that the drive is online.

CONNECT WITH A PROFESSIONAL
Connect Pentek Intellidrive and Pentair Home App with your contractor to share system information and decide what action to take.

Enjoy peace of mind knowing this precious resource can always be there when you and your family need it. Also, be informed of the condition of your water pressure and control system.

Visit www.pentairhome.com for more information.

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YOUR HOME'S WATER: VITAL. INVIGORATING. UNDER CONTROL.

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PTC EXTRA ASSETS

[Vestas Digital Innovations | PTC](#) - I developed all the solution videos for this webpage

Long-form video stories – I scripted each of these customer testimonials:

- [Volvo Construction Equipment: Managing Complexity with Windchill Modular Platforms | PTC](#)
- [Lufthansa Technik Soars to New Heights in Manufacturing and Service by Implementing a Digital Thread | PTC](#)
- [Schaeffler: Building a Digital Thread for Mechatronic Design and Software Driven Innovation | PTC](#)

Blogs:

- [PLM in the Automotive Industry](#)
- [What is an Information Silo?](#)
- [5 Key Considerations When Selecting BOM Management Software](#)

• SLIDE 8