

# VACON® X5 HazLo®

Your new solution in a class of its own



The uniquely designed VACON® X5 HazLo® AC Drive is a compact, cost effective, patent designed unit built specifically for your challenging application.

Certified for Division 2 hazardous locations, this robust drive is suitable for petroleum refineries, gasoline storage and dispensing areas, as well as utility gas plants.

In a class of its own, the VACON® X5 HazLo® drive has two cover options; a safety yellow colored metal cover to protect against bumps and misuse, or a full stainless steel enclosure.

Because there is no need for an additional box to place the drive into, cooling concerns are

not an issue, allowing for even greater mounting flexibility and reduced installation costs.

The VACON® X5 HazLo® is available in frame sizes T3 and T4 for applications ranging from 40 to 100 HP.

Continuing to be the toughest AC Drives on the planet, VACON® X Series Drives are designed for the real world — a world that is not gentle or forgiving to electronic devices. They have been designed from the ground up to perform in harsh environments while remaining simple and cost effective to operate.

## VACON® X5 HazLo® approved hazardous locations

Classes	Groups	Division 2
I: Gasses, vapors and liquids	A: Acetylene B: Hydrogen, etc. C: Ether, etc. D: Hydrocarbons, fuels, solvents, etc.	Not normally present in an explosive concentration (but may accidentally exist)

Source: OSHA.gov

## VACON® X5 HazLo® AC Drive Applications

**VACON® X5 HazLo® AC Drives are ideal for a variety of applications such as:**

- Petroleum refineries, and gasoline storage and dispensing areas.
- Dry cleaning plants where vapors from cleaning fluids can be present.
- Spray finishing areas.
- Aircraft hangars and fuel servicing areas.
- Utility gas plants and operations involving storage and handling of liquefied petroleum gas or natural gas.
- Water and wastewater facilities.

Source: OSHA.gov

WARNING: VACON® X5 HazLo® should only be applied in approved hazardous locations. Check the User Manual for specific classifications.

## VACON® X5 HazLo® AC Drive

Features	Description	Benefits
Robust Enclosure	UL Type 4X environmental ratings for Indoor/Outdoor certified enclosure. No derating needed. No purging needed.	<ul style="list-style-type: none"> <li>• Compact size provides cost effective installation</li> <li>• No cooling concerns as an additional enclosure box is not needed</li> </ul>
Integrated Brake Resistor	Includes a Brake resistor allowing it to better handle high inertial loads and warm up in cold conditions.	<ul style="list-style-type: none"> <li>• Reduced Installation Costs</li> <li>• Mount in Low Temperatures</li> </ul>
Built-in Sequencer	Features a built-in multi-step sequencer that can replace a small PLC in many applications.	<ul style="list-style-type: none"> <li>• Reduced investment costs</li> <li>• Flexible application programming</li> </ul>
UL and cUL Standards	UL- ANSI-ISA 12.12.01-2012, cUL- Canadian National Standard C22.2, No. 14.2010 and CAN/CSA CSS.2, No. 213-M 1987	

Safety Yellow	Stainless Steel	Voltage	HP	IL [A]	Dimensions [WxHxD]
VACONX5C40400X	VACONX5C40400Y	480	20*-40	52	11.25x20.19x11.73
VACONX5C40500X	VACONX5C40500Y	480	50	65	11.25x20.19x11.73
VACONX5C40600X	VACONX5C40600Y	480	60	77	12.84x29.35x13.8
VACONX5C40750X	VACONX5C40750Y	480	75	96	12.84x29.35x13.8
VACONX5C41000X	VACONX5C41000Y	480	100	124	12.84x29.35x13.8
VACONX5C50400X	VACONX5C50400Y	575	20*-40	41	11.25x20.19x11.73
VACONX5C50500X	VACONX5C50500Y	575	50	52	11.25x20.19x11.73
VACONX5C50600X	VACONX5C50600Y	575	60	62	12.84x29.35x13.8
VACONX5C50750X	VACONX5C50750Y	575	75	77	12.84x29.35x13.8
VACONX5C51000X	VACONX5C51000Y	575	100	99	12.84x29.35x13.8

Option Cards	Description
XSOPT01X	115 Vac and Encoder Feedback Option Card
XSEIP01X	Ethernet IP Option Card
XSDNET01X	DeviceNet Option Card
XSMBTCP01X	ModBus TCP/IP Option Card
XSPROF01X	Profibus Option Card

\*VACONX5C40400\_ and VACONX5C50400\_ can be used for applications down to 20HP.

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## VLT® | VAGON®

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