



**SIEMENS**

*Ingenuity for life*

# SINAMICS G120X

Master the elements with the  
infrastructure drive for pump,  
fan and compressor applications

[usa.siemens.com/sinamics-g120x](http://usa.siemens.com/sinamics-g120x)

# Discover the new SINAMICS G120X

## Simple to specify

Find the G120X that meets your every need with the online Drive Technology Configurator. It will help you select and configure the optimum drive products and components for your application.

- Choose gear units, motors, converters, controllers and connection systems
- Easy selection and ordering using one 16-digit number
- Preset to run IEC or NEMA motors of matching power rating

## Quick integration, simple setup

The G120X is delivered with everything you need, ready to run a standard NEMA or IEC motor of matching power. Sets up easily with the Wi-Fi enabled Smart Access Module or IOP-2 high-resolution color keypad. It seamlessly integrates into your drive application—no training needed.

- Cable lengths up to 1,476 feet without filter
- Communication via PROFINET, EtherNet/IP™
- SINAMICS Connect 300 for cloud-based analytics using Analyze MyDrives

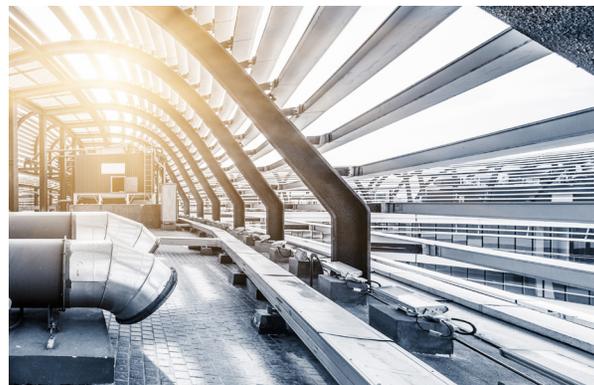
## Reliable operations

Rugged and dependable, the G120X meets globally increasing customer requirements. Operational from -4° F to 140° F and stable under all network conditions via integrated DC link choke.

- Pump- and fan-specific functions reduce wear, eliminate breakage, increase uptime
- Class 3C2 coated boards standard; Class 3C3 for harsh environments optional
- Remote monitoring and diagnostics via optional Wi-Fi enabled Smart Access Module
- SD card backup streamlines restoring operations, replacements or expansions



Configured for resource-saving operation, the G120X specializes in controlling motors that pump water or propel air.



The G120X can be operated with any motor, but most effectively with synchronous-reluctance motors from Siemens.



The G120X is powerful, compact and reliably handles harsh environments thanks to robust protection.

SINAMICS G120X drives are less complex and more reliable, delivering improved performance for water, wastewater, irrigation, HVAC and other challenging infrastructure applications.



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