

Baxter
NovumIQ LVP
INFUSION SYSTEM



THE NEXT GENERATION
OF INFUSION PUMPS
ISN'T JUST A PUMP
**IT'S ADVANCED
TECHNOLOGY TO
ENHANCE SAFETY
AND EASE OF USE**

As part of the fully integrated **Novum IQ** Infusion Platform, the **Novum IQ** Large Volume Pump is designed to protect infusions for all patients and elevate the infusion therapy experience for clinicians.

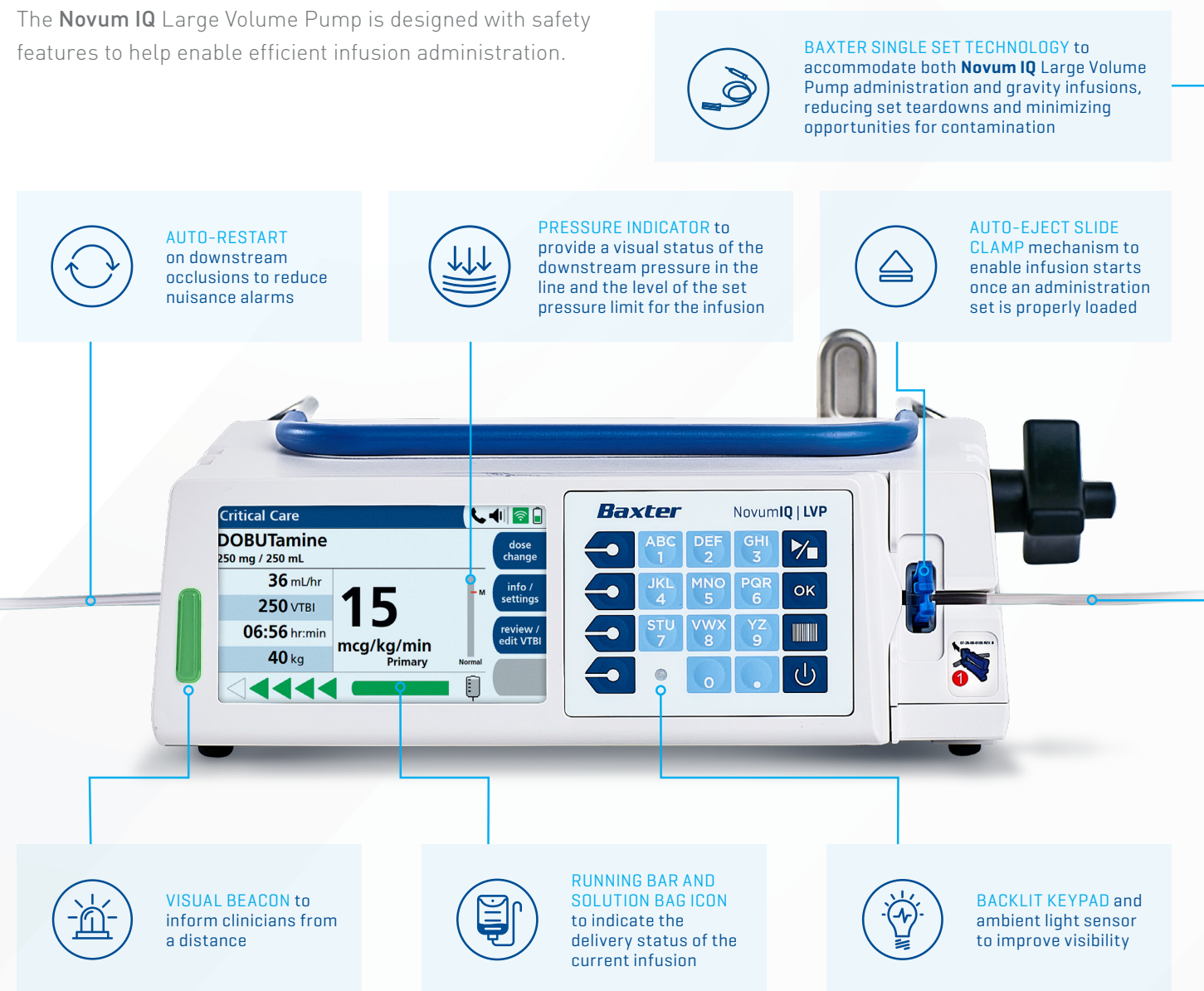
NOVUM IQ LVP SPECIFICATIONS



NOVUM IQ LARGE VOLUME PUMP: ONE PART OF AN INTEGRATED ECOSYSTEM

The **Novum IQ Large Volume Pump**, along with the **Novum IQ Syringe Pump**, **IQ Enterprise Connectivity Suite** and **Dose IQ Safety Software**, creates one **integrated, intelligent infusion ecosystem**. Using streamlined workflows and intuitive operation, the **Novum IQ Infusion Platform** supports complex infusion practices and reduces clinical practice variation.

The **Novum IQ Large Volume Pump** is designed with safety features to help enable efficient infusion administration.



SPECIFICATION	DESCRIPTION
Interoperability	<ul style="list-style-type: none"> - Bidirectional EMR interoperability to enable auto-programming and auto-documentation with validated EMR systems that adhere to IHE HL7 standards for medical device integration - Unique electronic on-screen barcode to support association of device to EMR patient record, accommodating 1D and 2D barcode formats - Tagless wireless communication of pump location and status for real-time location system (RTLS) solutions that leverage a Cisco wireless network using Cisco Compatible Extensions (CCX) for tag specification
Key Safety Features	<ul style="list-style-type: none"> - Rate or dose change limits - Increased modifier and clinical advisory totals - Secondary programming rate confirmation screen for rates exceeding 300 mL/hr - Primary and secondary check flow error prevention - Dynamic pressure trend indicator - Dedicated air-in-line and upstream occlusion sensors - Auto-eject slide clamp - Keypad lock configured in the drug library
Dose IQ Safety Software	<p>Web-based, centralized drug library software supports multiple pump modalities and infusion types.</p> <ul style="list-style-type: none"> - Titration Error Prevention technology, which allows Novum IQ pumps to intercept dose and rate changes that could be potentially harmful - Support for 5,000+ drugs and 32 care areas, with drug linking across care areas to streamline updates and minimize drug entries - Configurable anesthesia care area settings for use in the OR, including wide titration limits, rapid bolus capability and optional passcode, to enable efficient initiation of anesthesia infusions - Centralized file repository that eliminates manual sharing, provides broad-range access across multiple locations and seamlessly enables standardization of drug libraries - Automatic drug library activation without end-user intervention or pump power cycling - Integrated First Databank (FDB) Infusion Knowledge drug data entries based on clinical evidence - UL 2900 certified and digitally signed drug library cybersecurity
Data & Analytics	<p>Intuitive, web-based infusion analytics software application with data visualization provides enterprise-wide visibility to all administered infusions, reporting actionable insights and advanced quality metrics.</p>
Infusion Delivery Modes	<ul style="list-style-type: none"> - Continuous (primary and secondary) - Multi-step - Amount/time (primary and secondary) - Volume/time (primary and secondary) - Basic mode - Loading dose and bolus - MillionUnit dosing (continuous, amount/time, weight-based, non-weight-based and BSA)
Flow Rate	Flow rate range: 0.5 – 1,200 mL/hr (not limited to 999 mL/hr)
Volumetric Accuracy*	<ul style="list-style-type: none"> - +/- 5% for 1.0 – 1,200 mL/hr - +/- 10% for 0.5 – 0.9 mL/hr
Memory & Event Log	<ul style="list-style-type: none"> - While not in use, pump memory will retain the last programmed infusion for 24 hours. - Specific accuracy is maintained under standard conditions for up to 96 hours (maximum 12 liters). - Event log capacity is ≥ 4,400 events.
Battery Power & Capacity	<p>Novum IQ Smart Battery Pack</p> <ul style="list-style-type: none"> - Battery capacity is ≥8 hours for pump with new fully charged battery, at a flow rate of 25 – 125 mL/hr, with medium backlight setting, and Wi-Fi enabled. - Biomedical engineers can enter the recommended maintenance due date 2 years into the future to trigger the "Pump Maintenance Due" alert. Additionally, the Novum IQ Large Volume Pump checks the Smart Battery Pack status when the power is turned on and will display a preventive maintenance (PM) alert when the Smart Battery Pack has reached the expected number of charge/discharge cycles or has degraded beyond its usable life.
Display	Color LCD front-lit super-fine TFT screen with 800x480 pixel resolution
Software Updates	Wireless over-the-air firmware updates and wireless drug library updates to efficiently update pump fleet, or pumps can be updated manually using a USB storage device.
Device Useful Life	10 years
Serviceability	95% of components are self-serviceable or field-replaceable.

*This volumetric accuracy applies only to primary administration sets.

NOVUM IQ INFUSION PLATFORM



ONE PLATFORM. ONE ECOSYSTEM. ADVANCED TECHNOLOGY.

For more information, contact your Baxter Sales Representative,
call us at **1-800-422-9837** or email us at cfs_customer_service@baxter.com.

INDICATIONS FOR USE — **NOVUM IQ** SYRINGE PUMP

The **Novum IQ** syringe pump is intended to be used for the controlled administration of fluids. These include pharmaceutical drugs, parenteral nutrition, blood and blood products, and enteral nutrition. The **Novum IQ** syringe pump is intended to deliver an infusion through the following clinically accepted routes of administration: intravenous, arterial, enteral, and subcutaneous. The **Novum IQ** syringe pump is intended to be used in conjunction with legally marketed and compatible administration sets, syringes, and medications provided by the user. The **Novum IQ** syringe pump is suitable for patient care in hospitals and outpatient health care facilities. The **Novum IQ** syringe pump is intended for use on adults, pediatrics and neonates. The **Novum IQ** syringe pump is intended to aid in the reduction of operator interaction through guided programming, including a way to automate the programming of infusion parameters and documentation of infusion therapies when integrated with an Electronic Medical Record (EMR) system. This automation is intended to aid in the reduction of programming errors. The **Novum IQ** syringe pump is intended to be used by trained healthcare professionals.

INDICATIONS FOR USE — **NOVUM IQ** LARGE VOLUME PUMP (LVP)

The **Novum IQ** LVP is intended for use on adults and pediatrics subpopulations, except for neonates, for the controlled administration of fluids, pharmaceutical drugs, parenteral nutrition, blood and blood products through the following clinically accepted routes of administration: intravenous, arterial, subcutaneous and epidural. The **Novum IQ** LVP is intended for use on neonates, for the controlled administration of fluids and parenteral nutrition through the following clinically accepted routes of administration: intravenous and arterial. The **Novum IQ** LVP is intended to be used in conjunction with legally marketed and compatible administration sets, and medications provided by the user. The **Novum IQ** LVP is suitable for patient care in hospitals and outpatient health care facilities. The **Novum IQ** LVP is intended to aid in the reduction of operator interaction through guided programming, including a way to automate the programming of infusion parameters and documentation of infusion therapies when integrated with an Electronic Medical Record (EMR) system. This automation is intended to aid in the reduction of programming errors. The **Novum IQ** LVP is intended to be used by trained healthcare professionals.

Rx only. For safe and proper use of the products mentioned herein, please refer to the appropriate Operator's Manual or Instructions for Use.

NovumIQ.com

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