Applications

The INOmax DSIR® Plus Delivery Systems deliver INOMAX® (nitric oxide) gas, for inhalation. The INOmax DSIR® Plus Delivery Systems must only be used in accordance with the indications, usage, contraindications, and warnings and precautions described in the INOMAX package inserts and labeling. The approved patient population is limited to neonates. Refer to the INOMAX Full Prescribing Information prior to use.

Please see WARNINGS on the back cover card.
**INOmax DS\textsubscript{IR} Plus is validated with multiple noninvasive ventilation systems**

Validated with CPAP, high-flow nasal cannula, standard nasal cannula, and ventilators used with intubated patients*

<table>
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<th>Noninvasive ventilation systems</th>
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<tr>
<td>• Babi.Plus Bubble PAP Valve and Pressure Relief Manifold</td>
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<tr>
<td>• Vyaire™ AirLife® nCPAP†</td>
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<td>• Fisher &amp; Paykel Healthcare Bubble CPAP</td>
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<td>• Fisher &amp; Paykel Healthcare RT329 Breathing Circuit &amp; BC Nasal Cannula</td>
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<td>• Fisher &amp; Paykel Healthcare RT202 Breathing Circuit &amp; Optiflow™ Adult Interface</td>
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<td>• Hamilton Arabella® Nasal CPAP†</td>
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<td>• Hudson RCI® Neptune® Heated Humidifier With ConchaSmart™ Technology</td>
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<td>• Vyaire™ Infant Flow® Nasal CPAP†</td>
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<tr>
<td>• Vyaire™ Infant Flow® SiPAP™</td>
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</tbody>
</table>

**Warning:** The approved patient population for the INOmax DS\textsubscript{IR} Plus, as specified in the drug labeling for INOMAX® (nitric oxide) gas, for inhalation, is limited to neonates. The INOmax DS\textsubscript{IR} Plus is not intended to be used in other patient populations.

*For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DS\textsubscript{IR} and INOmax DS\textsubscript{IR} Plus Operation Manuals, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

†These ventilators have been discontinued.

For a general list of warnings, please see the attached WARNINGS card.
Babi.Plus Bubble PAP Valve and Pressure Relief Manifold

1. Oxygen Source
2. Oxygen Tubing
3. Pressure Relief Manifold
4. Injector Module
5. Temperature Probe
6. 90 Degree Sample Port Adapter
7. Nasal Prongs
8. Babi.Plus Bubble PAP Valve
9. Tee Adapter
10. Breathing Circuit
11. Humidifier
12. NO/N₂ Injector Tube
13. Injector Module Electrical Cable
14. INOmax DS₁R® Plus
15. Patient Gas Sample Line With Nafion

Connections to various ventilators are unique to each manufacturer as well as their corresponding disposable circuits.

For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DS₁R® Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

For a general list of warnings, please see the attached WARNINGS card.
MAKE THE CONNECTION

Validated noninvasive compatibility with INOmax DS\textsubscript{IR} Plus
Connections to various ventilators are unique to each manufacturer as well as their corresponding disposable circuits. For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DS\textsubscript{IR} Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

For a general list of warnings, please see the attached WARNINGS card.

*This ventilator has been discontinued.
MAKE THE CONNECTION

Validated noninvasive compatibility with INOmax DS$_{IR}^+$ Plus
Connections to various ventilators are unique to each manufacturer as well as their corresponding disposable circuits.

For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DS$_{IR}$ Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

For a general list of warnings, please see the attached WARNINGS card.
MAKE THE CONNECTION
Validated noninvasive compatibility with INOmax DS$_{IR}^+$ Plus
Fisher & Paykel Healthcare RT329 
Breathing Circuit & BC Nasal Cannula

1. Patient Gas Sample Line With Nafion
2. INOmax DS_{IR}® Plus
3. Oxygen Source
4. Oxygen Tubing
5. 22F x 15M Adapter
6. Injector Module
7. Pressure Relief Manifold
8. 22M/15F x 22M/15F Adapter
9. Injector Module Electrical Cable
10. NO/N_{2} Injector Tube
11. MR850 Humidifier
12. Breathing Circuit
13. Temperature Probe
14. Gas Sample Tee
15. Nasal Cannula

Please refer to Fisher & Paykel Healthcare user instructions for correct products and setups.

Connections to various ventilators are unique to each manufacturer as well as their corresponding disposable circuits.

For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DS_{IR} Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

For a general list of warnings, please see the attached WARNINGS card.
MAKE THE CONNECTION
Validated noninvasive compatibility with INOmax DSIR® Plus
1. Patient Gas Sample Line With Nafion
2. INOmax DSIR® Plus
3. Oxygen Source
4. Breathing Circuit Hose
5. Injector Module
6. Injector Module Electrical Cable
7. NO/N₂ Injector Tube
8. 22F x 15M Adapter
9. MR850 Humidifier
10. Breathing Circuit
11. Temperature Probe
12. Gas Sample Tee
13. 22M/15F x 22M/15F Adapter
14. 22 mm ID x 22 mm ID Cuff Adapter
15. Optiflow Tracheostomy
16. Optiflow Nasal Cannula

Connections to various ventilators are unique to each manufacturer as well as their corresponding disposable circuits.

For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DSIR Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

For a general list of warnings, please see the attached WARNINGS card.
MAKE THE CONNECTION
Validated noninvasive compatibility with INOmax DS$_{IR}$ Plus

**WARNING:** The approved patient population for the INOmax DS$_{IR}$ Plus, as specified in the drug labeling for INOMAX® (nitric oxide) gas, for inhalation, is limited to neonates. The INOmax DS$_{IR}$ Plus is not intended to be used in other patient populations.
Connections to various ventilators are unique to each manufacturer as well as their corresponding disposable circuits.

For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DS\textsubscript{IR} Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

For a general list of warnings, please see the attached WARNINGS card.

*This ventilator has been discontinued.
MAKE THE CONNECTION
Validated noninvasive compatibility with INOmax DS$_{IR}$® Plus
The INOmax DS_{IR} Plus can be used with nasal cannula to deliver INOMAX® (nitric oxide) gas, for inhalation concentrations from 5 to 80 ppm and an oxygen flow rate as low as 2 L/min. Conditioning of the oxygen flow prior to delivery through the injector module will help ensure the most accurate flow measurement. Conditioning can be achieved by adding 300 mm of 22-mm hose between the oxygen tubing and the Injector Module.

**WARNING:** Do not use the integrated pneumatic backup with flow rates less than 5 L/min.

Connections to various ventilators are unique to each manufacturer as well as their corresponding disposable circuits.

For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DS_{IR} Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

For a general list of warnings, please see the attached WARNINGS card.
MAKE THE CONNECTION

Validated noninvasive compatibility with INOmax DS$_{IR}^+$ Plus
Connections to various ventilators are unique to each manufacturer as well as their corresponding disposable circuits.

For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DSIR Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

For a general list of warnings, please see the attached WARNINGS card.
MAKE THE CONNECTION

Validated noninvasive compatibility with INOmax DS$_{IR}^{+}$ Plus
The INOmax DS\textsubscript{IR} Plus adds NO/N\textsubscript{2} gas flow to the breathing circuit flow in proportion to the NO setting (up to 10% at 80 ppm) and subtracts gas from the breathing circuit via gas sampling at a nominal flow rate of 0.23 L/min.

- These effects impact the delivered gas flow rate when using the Vapotherm Precision Flow. It is recommended that after an NO setting change the user checks the delivered gas flow rate and adjusts the gas source flow rate as necessary.
- Follow all manufacturer instructions for connection to the Vapotherm Precision Flow.
MAKE THE CONNECTION
Validated noninvasive compatibility with INOmax DS\textsubscript{IR} Plus
Connections to various ventilators are unique to each manufacturer as well as their corresponding disposable circuits.

For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DS_{IR} Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

For a general list of warnings, please see the attached WARNINGS card.

*This ventilator has been discontinued.
MAKE THE CONNECTION

Validated noninvasive compatibility with INOmax DS$_{IR}^+$ Plus
Connections to various ventilators are unique to each manufacturer as well as their corresponding disposable circuits. Please refer to the INOmax DS_{IR} Plus Operation Manual for specific flow settings as these may change the flow going to the nasal adapter.

For additional information, technical assistance, or a complete list of warnings, please refer to the INOmax DS_{IR} Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.

For a general list of warnings, please see the attached WARNINGS card.
MAKE THE CONNECTION

Validated noninvasive compatibility with INOmax DS$_{IR}^+$ Plus
Caution: U.S. Federal and Canadian law restrict this device to sale by or on the order of a licensed medical practitioner. Outside the U.S.A. and Canada, check local laws for any restrictions that may apply.
Applications

The INOmax DSIR® Plus Delivery Systems deliver INOMAX® (nitric oxide) gas, for inhalation. The INOmax DSIR Plus Delivery Systems must only be used in accordance with the indications, usage, contraindications, and warnings and precautions described in the INOMAX package inserts and labeling. The approved patient population is limited to neonates. Refer to the INOMAX Full Prescribing Information prior to use.

Warnings

- Abrupt discontinuation of INOMAX can lead to worsening oxygenation and increasing pulmonary artery pressure (rebound pulmonary hypertension syndrome). To avoid abrupt discontinuation, use the INOblender® or backup mode immediately to reinstate INOMAX therapy and refer to the INOMAX package insert.

- If the high NO₂ alarm activates, the delivery system should be assessed for proper setup while maintaining INOMAX delivery.

- Do not connect items that are not specified as part of the system.

- If an alarm occurs, safeguard the patient first before troubleshooting or repair procedures.

- Use only INOMAX, pharmaceutical grade NO/N₂.

Contact your INOMAX representative to learn if your ventilator is compatible. For additional information, technical assistance, or a complete list of warnings, including warnings regarding use of validated ventilators, please refer to the INOmax DSIR Plus Operation Manual, which can be found at www.inomax.com/NIVvalidations, or contact Mallinckrodt at (877) 566-9466.