



Infant Flow™ LP nCPAP System

Providing nCPAP solutions for your most precious patient

Our expertise helps them quickly get home

We are the world's only integrated breathing company, pioneers in respiratory innovation.

Established from legacy brands, Bird[®], Bear Cub[™], 3100A[™], Avea[™], SiPAP[™], and Infant Flow[™] LP, Vyaire represents a 65-year history of pioneering breathing technology for the NICU and continues to lead with dedicated neonatal product and consumables available today.



Our commitment: To help preserve the lives of your smallest, most vulnerable patients



Infant Flow™ LP and fabian™ family of ventilators

At Vyaire, we continuously seek to advance technology to help give newborns in need the best possible start. From NIV, to conventional ventilation, to HFOV, the fabian™ ventilator offers flexibility for treating neonatal patients worldwide.

nCPAP, DUOPAP and triggered DUOPAP therapy are now exclusively delivered with the Infant Flow™ LP CPAP system, specifically validated for use with the fabian™ family of ventilators.

Infant Flow™ LP, marked the evolution of neonatal nasal CPAP systems. The fabian™ family of ventilators is now exclusively used with Infant Flow™ LP, to support the most vulnerable patients.



Infant Flow™ LP Nasal Masks

The nasal interface is key to the successful delivery of nCPAP. An effective seal means fewer leaks, a consistent level of nCPAP, decreased nuisance alarms for the clinician and less disturbance to the infant during recovery.

The Infant Flow™ LP interface features soft, comfort-fit masks have been designed to provide an effective seal and minimize the potential for skin necrosis. The Infant Flow LP interfaces are available in 5 sizes to fit your infant's needs.



Part #	Description	Qty.
777002XS	Nasal Masks, Extra Small	10
777002S	Nasal Masks, Small	10
777002M	Nasal Masks, Medium	10
777002L	Nasal Masks, Large	10
777002XL	Nasal Masks, Extra Large	10

Infant Flow™ LP Nasal Prongs

The base of the nasal prongs is designed to help minimize contact with the skin and provide visible verification for correct placement.

A recessed area between the prongs is designed to help reduce pressure on the infant's septum, with the aim of minimizing skin necrosis in this delicate area.

Between the prongs and the base, flexible bellows allow each prong to move independently for a custom fit that is designed to provide comfort and minimize leaks.

The prongs are colour coded, and the size is clearly indicated on the base tab for quick and easy size identification.



Part #	Description	Qty.
777000XS	Nasal Prongs, Extra Small	10
777000S	Nasal Prongs, Small	10
777000M	Nasal Prongs, Medium	10
777000L	Nasal Prongs, Large	10
777000XL	Nasal Prongs, Extra Large	10

Infant Flow™ LP Headgear

Correct fitment of the CPAP device is essential for delivering effective therapy.

The Infant Flow™ LP Headgear comfort wrap design allows a single clinician to secure the generator and is designed to minimize infant discomfort. Rather than pulling the device down over the infant's head, the clinician gently wraps the headgear around the infant's head and secures it with the adjustable straps for a custom fit. 6 available sizes make size selection easy.



Part #	Description	Qty.
777040XS	Infant Flow™ LP Headgear, Extra Small	10
777040S	Infant Flow™ LP Headgear, Small	10
777040SM	Infant Flow™ LP Headgear, Small-Medium	10
777040M	Infant Flow™ LP Headgear, Medium	10
777040L	Infant Flow™ LP Headgear, Large	10

Infant Flow™ LP Bonnets

The bonnets along with the support cradle secures the LP generator circuit quickly while it is designed to minimize pressure points at the proper angle.

The soft cotton bonnets offer a little stretch to conform to the infant's head and provide warmth. They also offer access to the scalp, allowing IV therapy, phototherapy and head ultrasound scans. Between therapies, the bonnet ends can be tied, covering the scalp. The tops of the bonnets are colour coded for easy size identification and are available in 10 sizes to provide a comfortable fit.



Part #	Description	Qty.
777010	LP Bonnet, Size 000	10
777012	LP Bonnet, Size 00	10
777014	LP Bonnet, Size 0	10
777016	LP Bonnet, Size 1	10
777018	LP Bonnet, Size 2	10
777020	LP Bonnet, Size 3	10
777022	LP Bonnet, Size 4	10
777024	LP Bonnet, Size 5	10
777026	LP Bonnet, Size 6	10
777028	LP Bonnet, Size 7	10

Infant Flow™ LP Circuits and Generators

The Infant Flow™ LP nCPAP system features a dual jet generator that incorporates fluidic technology. The low momentum impinging jets effectively reduce the patient's WOB during inspiratory and reduces resistance to expiratory efforts.^{1,2} Compared to other variable flow devices, the Infant Flow™ LP generator has been designed to utilize 80% less driving pressure on average to create the same pressure level at the patient nares.

The generator head contains 4 impinging jets, 2 per nare, and connects the nasal interface, fixation device and exhaust tube. The pressure relief valve provides secondary pressure safety.



Part #	Description	Qty.
7772020LP	Infant Flow™ LP Generator Kit, including generator, sizing guide, and small/medium/large nasal prongs. Single patient use.	10/box
7772000LP	Infant Flow™ LP Generator Kit, including generator, sizing guide, no nasal prongs. Single patient use.	10/box
7772011	Infant Flow™ LP nCPAP Generator Kit with RT132 Breathing Circuit (Compatible with F&P MR 730 & 850)	10/case
7772021	Infant Flow™ LP nCPAP Generator Kit with RT132 Breathing Circuit (Compatible with F&P MR 730 & 850)	20/case

Heated Circuits

Vyaire offers a range of heated circuits and chambers to deliver humidification for invasive and noninvasive ventilation as well as high flow oxygen therapy. Our AirLife™ heated circuits can be used for up to 30 days on a single patient and have a dual swivel patient port for ease in positioning of the circuit.



Part #	Description	Qty
AH032	Infant single limb heated continuous flow circuit, pressure line, dry gas line and adapters without chamber	10
AH165	Infant dual limb dual heated high flow circuit pressure line dry gas line and adapters without chamber	10
AH132	Infant single limb heated continuous flow circuit with chamber pressure line dry gas line and adapters with chamber	10
AH265	Infant dual limb dual heated high flow circuit with chamber pressure line dry gas line and adapters with chamber	10
AH290	Humidification chamber	1

Infant Flow™ LP Headgear

Part #	Description	Measurement	UM
777040XS	Infant Flow™ LP Headgear, Extra Small	17-21 cm	10/pkg
777040S	Infant Flow™ LP Headgear, Small	21-26 cm	10/pkg
777040SM	Infant Flow™ LP Headgear, Small/Med	24-28 cm	10/pkg
777040M	Infant Flow™ LP Headgear, Medium	26-32 cm	10/pkg
777040L	Infant Flow™ LP Headgear, Large	32-37 cm	10/pkg
777040XL	Infant Flow™ LP Headgear, Extra Large	37-42 cm	10/pkg

Infant Flow™ LP Bonnets

Part #	Description	Measurement	UM
777010	Infant Flow™ LP Bonnet, Size 000	18-20 cm	10/pkg
777012	Infant Flow™ LP Bonnet, Size 00	20-22 cm	10/pkg
777014	Infant Flow™ LP Bonnet, Size 0	22-24 cm	10/pkg
777016	Infant Flow™ LP Bonnet, Size 1	24-26 cm	10/pkg
777018	Infant Flow™ LP Bonnet, Size 2	26-28 cm	10/pkg
777020	Infant Flow™ LP Bonnet, Size 3	28-30 cm	10/pkg
777022	Infant Flow™ LP Bonnet, Size 4	30-32 cm	10/pkg
777024	Infant Flow™ LP Bonnet, Size 5	32-34 cm	10/pkg
777026	Infant Flow™ LP Bonnet, Size 6	34-36 cm	10/pkg
777028	Infant Flow™ LP Bonnet, Size 7	36-38 cm	10/pkg

Infant Flow™ LP nCPAP Generator / Circuits

Part #	Description	UM
7772020LP	Infant Flow™ LP Generator Kit, including generator, sizing guide, and small/medium/large nasal prongs. Single patient use.	10/box
7772000LP	Infant Flow™ LP Generator Kit, including generator, sizing guide, no nasal prongs. Single patient use.	10/box
7772011	Infant Flow™ LP nCPAP Generator Circuit Kit (F&P MR 730 & 850 Humidifiers)	10/case
7772021	Infant Flow™ LP nCPAP Generator Circuit Kit (F&P MR 730 & 850 Humidifiers)	20/case

Infant Flow™ LP Nasal Prongs

Part #	Description	UM
777000XS	Nasal Prongs, Extra Small	10/box
777000S	Nasal Prongs, Small	10/box
777000M	Nasal Prongs, Medium	10/box
777000L	Nasal Prongs, Large	10/box
777000XL	Nasal Prongs, Extra Large	10/box

Infant Flow™ LP Nasal Mask

Part #	Description	UM
777002XS	Nasal Masks, Extra Small	10/box
777002S	Nasal Masks, Small	10/box
777002M	Nasal Masks, Medium	10/box
777002L	Nasal Masks, Large	10/box
777002XL	Nasal Masks, Extra Large	10/box

REFERENCES

- 1 Flink, R. C., van Kaam, A. H., & de Jongh, F. H. (2015). In vitro study on work of breathing during non-invasive ventilation using a new variable flow generator. Archives of Disease in Childhood – Fetal and Neonatal Edition, 100(4), F327–F331. <https://doi.org/10.1136/archdischild-2014-307197>
- 2 Goehle, L. A reason to flip for variable flow. Neo intensive care, 2010, 23(7).

GLOBAL HEADQUARTERS

Vyaire Medical, Inc.
26125 North Riverwoods Blvd
Mettawa, IL 60045
USA

vyaire.com

Trademarks are the property of their respective owners.

© 2022 Vyaire Medical, Inc. or one of its affiliates. All rights reserved. Vyaire, the Vyaire Medical logo and Infant Flow LP nCPAP System are trademarks or registered trademarks of Vyaire Medical, Inc. or one of its affiliates. Medical devices class I and IIa according to Medical Devices Directive 93/42/EEC. Please read the complete Instructions For Use that come with the devices or follow the instructions on the product labelling. VYR-GBL-2200099 v2.0

