



PHILIPS

Hospital
respiratory care

High Flow Nasal
Cannula AC611

Versatile and
stable cannula for
high flow therapy

Evidence supports using high flow oxygen to deliver both physiologic and clinical benefits for patients with varied clinical conditions, including acute hypoxemic respiratory failure. Our Philips Respironics High Flow Nasal Cannula AC611 provides comfortable, stable oxygen delivery, and uses the same circuit as our NIV masks to help you control costs and enhance workflow.

Efficient and cost-effective high flow therapy (HFT)

Recognizing that both HFT and NIV are often employed as part of a rotational treatment strategy, we offer both of these powerful therapies on our leading Philips Respironics V60 ventilator. Because the circuit can be used for both HFT and NIV, the AC611 may decrease costs, simplify workflow and save time when switching between therapies.

The high-quality AC611 can also be used with stand-alone HFT systems, simplifying training and adding versatility to your cannula supplies inventory.

Stability and comfort

The unique design of the AC611's adjustable headgear provides both stability and comfort. The headgear keeps the cannula in place even when the patient changes position. The sturdy gown clip helps prevent unwanted cannula movement, so patients consistently receive the intended flow. To enhance fit and comfort and to accommodate a wide patient population, the AC611 comes in several sizes, and small headgear is available. In side-by-side focus group testing, 100% of bedside clinicians rated the AC611 as the most comfortable.¹

High flow therapy with the AC611 can be used to:

- **Improve** oxygenation with minimal discomfort²⁻⁴
- **Lower** the patient's work of breathing²⁻⁴
- **Washout** pharyngeal dead space^{3,4}
- **Reduce** nasopharyngeal resistance⁴
- **Improve** mucociliary clearance with added humidification^{3,4}





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Part numbers and specifications

Description	Quantity	Part number	Market
AC611 HFNC, 22 mm (M), small	20 pack	1134137	North America
AC611 HFNC, 22 mm (M), medium	20 pack	1134188	North America
AC611 HFNC, 22 mm (M), large	20 pack	1134189	North America
AC611 HFNC, FEP Connect, small	20 pack	1134190	North America
AC611 HFNC, FEP Connect, medium	20 pack	1134191	North America
AC611 HFNC, FEP Connect, large	20 pack	1134192	North America
AC611 HFNC, 22 mm (M), INT, small	20 pack	1134196	Multiple markets*
AC611 HFNC, 22 mm (M), INT, medium	20 pack	1134197	Multiple markets*
AC611 HFNC, 22 mm (M), INT, large	20 pack	1134198	Multiple markets*
AC611 HFNC, FEP Connect, INT, small	20 pack	1134199	Multiple markets*
AC611 HFNC, FEP Connect, INT, medium	20 pack	1134200	Multiple markets*
AC611 HFNC, FEP Connect, INT, large	20 pack	1134201	Multiple markets*
RP, adapter, 22 mm (F) x FEP (M)	20 pack	1134310	All markets
RP, AC611 headgear	5 pack	1134207	All markets
RP, AC611 headgear, small	5 pack	1135559	All markets

* Documentation available in Arabic, Bahasa Indonesian, Brazilian Portuguese, Bulgarian, Chinese (Traditional), Croatian, Czech, Danish, Dutch, Estonian, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Korean, Latvian, Lithuanian, Macedonian, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian, Slovak, Slovene, Spanish, Swedish, Thai, Turkish, Ukrainian, and Vietnamese

References

1. Philips High Flow Cannula therapy prototype testing. Conducted by ResearchWorks. 2016.
2. Kernick J, Magarey J. What is the evidence for the use of high flow nasal cannula oxygen in adult patients admitted to critical care units? A systematic review. *Australian Critical Care*. 2010;23:53-70.
3. Biselli PJC, Kirkness JP, Grote L, Fricke K, Schwartz AR, Smith P, and Schneider H. Nasal high-flow therapy reduces work of breathing compared with oxygen during sleep in COPD and smoking controls: A prospective observational study. *Journal of Applied Physiology*. 2017;122(1):82-88. DOI: 10.1152/jappphysiol.00279.2016.
4. Dysart K, Miller T, Wolfson M, Shaffer T. Research in high flow therapy: Mechanisms of action. *Respiratory Medicine*. 2009;103:1400-5. DOI: 10.1016/j.rmed.2009.04.007.

May not be available in all markets. Not available for sale in the USA.

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