

Spirit™ Family [Liquid Oxygen Portables] CAIRE®

A Chart Industries Company



CAIRE's Spirit Liquid Oxygen Portables are designed to maximize patient comfort, convenience and ambulation. Offered in an attractive leather finish case, the Spirit models provide the average oxygen patient with therapy on the move for longer durations. With their light weight and comfortable, good-looking design, Spirits offer a new dimension of patient freedom.

All Spirit models have a built-in electronic Oxygen Conserving Device (OCD), which delivers a set pulse volume of gas with each breath. The OCD extends oxygen duration per setting, while allowing for the overall small size and light weight of the unit. The OCD is powered by long-lasting dual C cell batteries, which are easy to change. The one, simple-to-use control knob is user-friendly for the patient, while the soft feature case promotes patient comfort and confidence.

Available in side and top fill options, the Spirits are easy to fill. The one step filling procedure is completed in under one minute, with no power requirements and no noise.

Spirits are backed by CAIRE, Inc.'s standard five year vacuum warranty.

Features

[Ultra-lightweight]

[Spirit 300: less than 4 lbs.]

[Spirit 600: 5.6 lbs.]

[Spirit 1200: 8 lbs.]

[Approx. hours of operation at 2 LPM Dose
(20 BPM-16 BPM)]

[Spirit 300: 7 - 9 hours]

[Spirit 600: 13 - 17 hours]

[Spirit 1200: 28 - 34 hours]

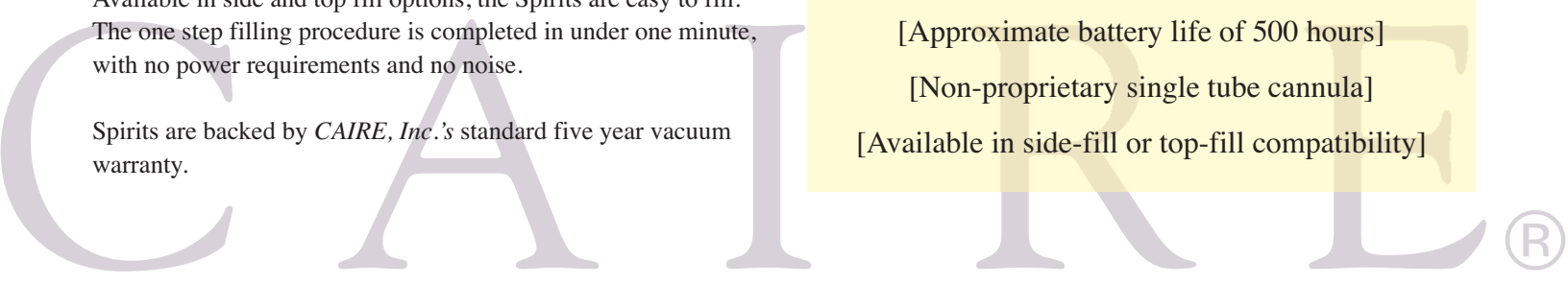
Patient Benefits

[Back-up continuous flow (CF) setting]

[Approximate battery life of 500 hours]

[Non-proprietary single tube cannula]

[Available in side-fill or top-fill compatibility]



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- 1 Oxygen Outlet
- 2 Flow Rate Selection Knob
- 3 Liquid Contents Indicator
- 4 Shoulder Strap
- 5 Side Fill Quick Disconnect Valve (side fill only)
- 6 Top Fill Quick Disconnect Valve (top fill only)
- 7 Battery Compartment

Product Specifications

	Spirit™ 300	Spirit™ 600	Spirit™ 1200
Capacity	0.33 L (liquid) 0.79 lbs. (0,36 Kg) 275 L (gaseous)	0.63 L (liquid) 1.5 lbs. (0.68 Kg) 516 L (gaseous)	1.25 L (liquid) 3.0 lbs. (1,36 Kg) 1026 L (gaseous)
Selectable Flow Rates (LPM)	Off, 1, 1.5, 2, 3, 4, 5, CF* (*CF = Continuous Flow @ 2LPM)	Off, 1, 1.5, 2, 3, 4, 5, CF* (*CF = Continuous Flow @ 2LPM)	Off, 1, 1.5, 2, 3, 4, 5, CF* (*CF = Continuous Flow @ 2LPM)
Pulse Flow Delivery	15 ml, per 1 LPM setting, per breath	15 ml, per 1 LPM setting, per breath	15 ml, per 1 LPM setting, per breath
Operating Pressure	20 psi (1, 4 Bar)	20 psi (1, 4 Bar)	20 psi (1, 4 Bar)
Approximate Hours of Operation			
2 LPM Dose & 16 BPM	9 Hours	17 Hours	34 Hours
2 LPM Dose & 20 BPM	7 Hours	13 Hours	28 Hours
Normal Evaporation Rate	1.2 lbs./day (0,54 Kg/day) typical	1.2 lbs./day (0,54 Kg/day) typical	1.2 lbs./day (0,54 Kg/day) typical
Fill Time Warm	1.5 Min	1.5 Min	2.5 Min
Fill Time Cold	0.73 Min	1.0 Min	1.5 Min
Height	8.8" (223 mm)	11.5" (292 mm)	14.0" (335 mm)
Diameter	6.0" (152 mm)	6.0" (152 mm)	6.0" (152 mm)
Depth	4.5" (114 mm)	4.5" (114 mm)	4.5" (114 mm)
Weight Empty	3.5 lbs. (1,6 kg)	4.1 lbs. (1,86 kg)	5.0 lbs. (2,27 kg)
Weight Full	4.3 lbs. (1,95 kg)	5,6 lbs. (2,54 kg)	8.0 lbs. (3,63 kg)
Power Source	Electrical (2) C-Cell Batteries	Electrical (2) C-Cell Batteries	Electrical (2) C-Cell Batteries
Battery Life	500 Hours (Approximate)	500 Hours (Approximate)	500 Hours (Approximate)
Alarms/Indicators	Green LED with each breath Red LED for low battery	Green LED with each breath Red LED for low battery	Green LED with each breath Red LED for low battery
Contents Indicator	Spring Scale	Spring Scale	Spring Scale
Fill Connections	CAIRE Side Fill, TYCO (Puritan-Bennett) Top Fill, DeVilbiss (CryO2) Top Fill, Penox Top Fill, TAEMA Top Fill		
Patient Contact Materials			
Leather Finish Case	Polyester w/Urethane Overcoat	Polyester w/Urethane Overcoat	Polyester w/Urethane Overcoat
Strap	Nylon	Nylon	Nylon

Chart Industries, Inc.
CAIRE, Inc.
2200 Airport Industrial Drive, Suite 500
Ball Ground, GA 30107
Ph 770-721-7759 • Toll Free 1-800-482-2473
Fax 770-721-7758



www.cairemedical.com

Chart BioMedical, Ltd.
Unit 2, Maxdata Centre
Downmill Road, Bracknell
Berks RG12 1QS, United Kingdom
Ph +44(0) 1344 403100 Fax +44(0) 1344 429224

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