



CAVAGNA group

Wherever gas is used, we are there

Healthcare Respiratory Products

2024 - 2025 EDITION



Cavagna Group, has been operating for over 75 years worldwide to offer innovative and integrated solutions for the control, regulation, measurement and storage of compressed gases.

For many years now it applies its know-how into the medical sector as well, offering a complete range of products dedicated to oxygen therapy, respiratory pathologies and sleep disorders.

With the same aim was made the choice to distribute innovative and efficient medical devices for homecare treatment and management of chronic diseases and for the sleep therapy.

Oxygen Therapy

Spirit-3

8F-5A

9F-5B

8F-10

pg. 3

pg.4

pg.5

pg.6

pg.7

Sleep Therapy

YH-350

YH-550

YH-450

YH-830

pg.8

pg.9

pg.10

pg.11

pg.12

Masks

pg.13



OXYGEN THERAPY



OXYGEN THERAPY SPIRIT-3 - Portable Version

MASKS

SLEEP
THERAPY

OXYGEN
THERAPY



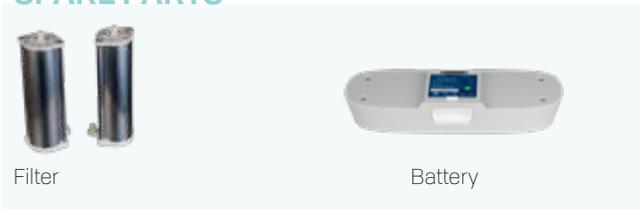
OXYGEN CONCENTRATOR

| | |
|--|-----------------------|
| Maximum Flow: | 750ml/min |
| (Equivalent Continuous Oxygen Supply): | 3.75l/min |
| Oxygen Concentration: | 87% ~ 96% |
| Maximum outlet pressure: | 150kPa |
| Noise level: | ≤45dB(A) at setting 2 |
| Power: | 220v - 50Hz - 110W |
| Net weight: | 2.4kg |
| Dimension (cm): | 22x8x22 |
| Certification: | CE |

ACCESSORIES INCLUDED



SPARE PARTS



EASY TO HANDLE

Small size and weight.



EASY MAINTENANCE

Molecular filters easily accessible and removable for replacement.



HIGH OXYGEN CONCENTRATION

Over 90% oxygen concentration.



MODULAR OPERATION

Oxygen is produced and released according to the breathing sequence. Oxygen is supplied when inhaled, and is turned off when exhaled.



EFFICIENT BATTERY

Lithium battery easily rechargeable even with fast charge.



USABLE ANYWHERE

Maintains performance and functionality in any context including altitudes over 3000m.



SAFETY SYSTEM

Automatic warning system.



LOW OXYGEN CONCENTRATION ALARM



OXYGEN THERAPY 8F-5A - Stationary 5L



Remote monitoring

INTUITIVE DISPLAY
Simplified interaction panel with visual alerts

ACCESSIBLE FILTER
Easy to remove and substitute

ELASTIC HUMIDIFIER
Elastic support to adjust to different models and sizes of humidifiers

EASY TO MOVE
Compact, light and easy to carry

INNOVATIVE DESIGN
Minimal and functional design

LOW OXYGEN CONCENTRATION ALARM

OXYGEN CONCENTRATOR

| | |
|--------------------------|-------------------------------|
| Flow range: | 0.5 ~ 5L/min |
| Oxygen Concentration: | 87% ~ 96% |
| Maximum outlet pressure: | 70kPa |
| Noise level: | 48db(A) typical, max ≤51dB(A) |
| Power: | 220v - 50Hz - 350W |
| Net weight: | 16.5kg |
| Dimension (cm): | 39 x 24,5 x 50 |
| Certification: | CE |

ACCESSORIES INCLUDED



Humidifier



Cannula

SPARE PARTS



Filter



Humidifier



Remote Control



Cannula



Castor

MASKS

SLEEP THERAPY

OXYGEN THERAPY



OXYGEN THERAPY 9F-5B - Ultra Silent Version

MASKS

SLEEP
THERAPY

OXYGEN
THERAPY



 Ultra Silent



SECURITY CONTROL
through failure detection by alarm



**HIGH OXYGEN
CONCENTRATOR**



EASY TO MOVE
Thanks to the presence of castors



ULTRA-QUIET
Reduced sound level



**LOW OXYGEN
CONCENTRATION
ALARM**

OXYGEN CONCENTRATOR

| | |
|--------------------------|-------------------------------|
| Noise level: | 43db(A) typical, max ≤45dB(A) |
| Flow range: | 0.5 ~ 5L/min |
| Oxygen Concentration: | 87% ~ 96% |
| Maximum outlet pressure: | 70kPa |
| Power: | 220v - 50Hz - 350W |
| Net weight: | 17.5kg |
| Dimension (cm): | 40x30x55 |
| Certification: | CE |

ACCESSORIES INCLUDED



Humidifier



Cannula

SPARE PARTS



Filter



Humidifier



Cannula



Castor



OXYGEN THERAPY 8F-10 - Stationary 10L



OXYGEN CONCENTRATOR

Automatic reminder filter cleaning: 1800hours
 Flow range: 1 ~ 10L/min
 Oxygen Concentration: 87% ~ 96%
 Maximum outlet pressure: 150kPa
 Noise level: ≤58dB(A)
 Power: 700VA - 220v
 Net weight: 24kg
 Dimension (cm): 41×37.5×66.8
 Certification: **CE**

HIGH OXYGEN CONCENTRATION

HIGH FLOW
10l oxygen flow

SECURITY CONTROL
Through failure detection by alarm

EASY TO MOVE
Thanks to the presence of castors

HIGH EFFICIENCY PARTICULATE AIR FILTER
High component performance

LOW OXYGEN CONCENTRATION ALARM

ACCESSORIES INCLUDED



Humidifier



Cannula



Filter

SPARE PARTS



Filter



Humidifier



Cannula



Castor

MASKS

SLEEP THERAPY

OXYGEN THERAPY

SLEEP THERAPY





CPAP YH-350

 Remote monitoring



| | |
|---------------------------------------|--|
| Ventilation Mode: | CPAP |
| Pressure Range (cm H ₂ O): | 4 to 20 |
| Integrated Humifier | |
| Humidifier capacity: | 260ml |
| Noise level: | 28db(A) |
| Net weight: | 1.4kg |
| Dimension (cm): | 10x27x18 |
| Certification: | CE |
| Warranty: | Device (2 years) Water tank and air pipe (90days) |



STABLE AND HIGH-PERFORMANCE

High-performance quiet motor, guarantees minimum 20000 hours of use



INNOVATIVE

Patented laminar flow circuit for micro airflow; equipped with state-of-the-art pressure and flow sensors, detects changes in pressure and flow signal in real time



COMFORTABLE

Innovative and compact design with integration of the humidification system inside the device



OPTIMIZE HUMIFIER

The optimized humidification system automatically adjusts the humidity level according to room conditions so as to reduce condensation and maximize patient comfort



RELIABLE

Internal memory can record detailed data for up to 2 years of use; in addition, therapy information can be accessed directly from the screen*



INTUITIVE

User friendly operation through the combination of two simple operating buttons



REMOTE MONITORING

Sending therapy data to monitoring cloud platform via integrated SIM to facilitate physician's control of therapy

SPARE PARTS



Single Circuit



Filter



Humidifier



APAP YH-550

MASKS

SLEEP
THERAPY

OXYGEN
THERAPY



Remote monitoring

Connections:



Wi-Fi



Sim Card

| | |
|---------------------------------------|--|
| Ventilation Mode: | CPAP and APAP |
| Pressure Range (cm H ₂ O): | 4 to 20 |
| Integrated Humifier | |
| Humidifier capacity: | 260ml |
| Noise level: | 28db(A) |
| Net weight: | 1.4kg |
| Dimension (cm): | 10x27x18 |
| Certification: | CE |
| Warranty: | Device (2 years) Water tank and air pipe (90days) |



STABLE AND HIGH-PERFORMANCE

High-performance quiet motor, guarantees minimum 20000 hours of use



INNOVATIVE

Patented laminar flow circuit for micro airflow; equipped with state-of-the-art pressure and flow sensors, detects changes in pressure and flow signal in real time



COMFORTABLE

Innovative and compact design with integration of the humidification system inside the device



OPTIMIZE HUMIFIER

The optimized humidification system automatically adjusts the humidity level according to room conditions so as to reduce condensation and maximize patient comfort



RELIABLE

Internal memory can record detailed data for up to 2 years of use; in addition, therapy information can be accessed directly from the screen*



INTUITIVE

User friendly operation through the combination of two simple operating buttons



REMOTE MONITORING

Sending therapy data to monitoring cloud platform via integrated SIM to facilitate physician's control of therapy



2 OPERATING MODES

CPAP mode and Auto CPAP mode available

SPARE PARTS



Single Circuit



Filter



Humidifier



APAP YH-450

 Remote monitoring



Connections:



Wi-Fi



QR Code



Sim Card

| | |
|---------------------------------------|--|
| Ventilation Mode: | CPAP and APAP |
| Pressure Range (cm H ₂ O): | 4 to 20 |
| Integrated Humifier | |
| Humidifier capacity: | 260ml |
| Noise level: | 28db(A) |
| Net weight: | 1.5kg |
| Dimension (cm): | 12.5x15.5x28.5 |
| Certification: | CE |
| Warranty: | Device (2 years) Water tank and air pipe (90days) |

SPARE PARTS



INNOVATIVE

New internal management design improves fluid dynamics and performance: increases airflow and reduces impedance ensuring more comfortable breathing for the patient



POWERFUL

The upgraded motor control system responds more quickly in the inspiratory phase and compensates for leaks in real time.



QUIETER

Sound tuning technology is used to adjust the high frequencies of noise to make the device as quiet as possible. In addition, the motor is wrapped in a structure that dampens vibration and further reduces noise



INTUITIVE AND SIMPLE

Vertical screen that enhances the user experience, new graphic interface even more user friendly



INNOVATIVE HUMIDIFIER

Integrated, elegant and easily removable humidification system; in addition, the optimized humidification system automatically adjusts the humidity level according to room conditions so as to reduce condensation and maximize patient comfort



2 OPERATING MODES

CPAP mode and Auto CPAP mode available



CENTRAL APNEA DETECTION

New even more accurate pressure regulation system to ensure even more comfortable sleep for the patient



INTERACTIVE

New intelligent and interactive data management via QR code and dedicated Breathcare+ app



REMOTE MONITORING

Sending therapy data to cloud monitoring platform via integrated SIM card to facilitate physician's control of therapy

MASKS

SLEEP
THERAPY

OXYGEN
THERAPY



BiPAP YH-830

MASKS

SLEEP
THERAPY

OXYGEN
THERAPY



Connections:



Sim Card

| | |
|---|--|
| Ventilation Mode: | CPAP, S, T, ST, VGPS - target volume |
| CPAP Pressure Range (cm H ₂ O): | 4 to 20 |
| EPAP/IPAP Pressure Range (cm H ₂ O): | 4 to 30 |
| Backup respiratory frequency: | 5 to 50 bpm |
| Tidal volume (VGPS mode): | 50-1500 ml |
| Integrated Humifier | |
| Humidifier capacity: | 260ml |
| Noise level: | 28db(A) |
| Net weight: | 1.5kg |
| Dimension (cm): | 12.5x15.5x28.5 |
| Certification: | CE |
| Warranty: | Device (2 years) Water tank and air pipe (90days) |

SPARE PARTS



Single Circuit

Filter

Humifier



PERFORMANCE

High performance fan, pressure up to 30 cmH₂O



INNOVATIVE

New internal management design improves fluid dynamics and performance: increases airflow and reduces impedance ensuring more comfortable breathing for the patient



POWERFUL

The upgraded motor control system responds more quickly in the inspiratory phase and compensates for leaks in real time.



QUIETER

Sound tuning technology is used to adjust the high frequencies of noise to make the device as quiet as possible. In addition, the motor is wrapped in a structure that dampens vibration and further reduces noise



INTUITIVE AND SIMPLE

Vertical screen that enhances the user experience, new graphic interface even more user friendly



INNOVATIVE HUMIDIFIER

Integrated, elegant and easily removable humidification system; in addition, the optimized humidification system automatically adjusts the humidity level according to room conditions so as to reduce condensation and maximize patient comfort



5 OPERATING MODES

CPAP, S, T, ST and VGPS



VGPS MODE - GUARANTEED VOLUME

Monitors changes in current volume more precisely and gradually adjusts inspiratory pressure following the patient's breathing to achieve the current volume set



INTERACTIVE

New intelligent and interactive data management via QR code and dedicated Breathcare+ app



REMOTE MONITORING

Sending therapy data to cloud monitoring platform via integrated SIM card to facilitate physician's control of therapy

MASKS



CLICK CONNECTOR
MORE PRACTICAL
AND FASTER



ADJUSTABLE
ADAPTABLE SILICONE
PADS



SILENT VENTILATION
NEW HONEYCOMB DESIGN



MASKS

MASKS

SLEEP
THERAPY

OXYGEN
THERAPY



size are included in the box

PILLOW NASAL MASK

YP-01

Net Weight:
Service pressure range:
Connection tube:
Flow Resistance (50LPM):
Flow Resistance (100LPM):
Pressure sound level:
Dead space:
Certification:

200gr
4-20 cm H2O
22mm (diameter)
<1.cm H2O
<3.5cm H2O
<23dB (A)
<16ml
CE



NASAL MASK WITH FOREHEAD SUPPORT

YN-02

Net Weight:
Service pressure range:
Connection tube:
Flow Resistance (50LPM):
Flow Resistance (100LPM):
Pressure sound level:
Dead space:
Certification:

130gr
4-30 cm H2O
22mm (diameter)
<0.5cm H2O
<1.5cm H2O
25dB (A)
<142ml
CE



NASAL MASK

YN-03

Net Weight:
Service pressure range:
Connection tube:
Flow Resistance (50LPM):
Flow Resistance (100LPM):
Pressure sound level:
Dead space:
Certification:

170gr
4-30 cm H2O
22mm (diameter)
<0.5cm H2O
<1.5cm H2O
25dB (A)
<142ml
CE



MASKS



FULLFACE MASK WITH FOREHEAD SUPPORT

YF-01

Net Weight: 200gr
Service pressure range: 4-30 cm H₂O
Connection tube: 22mm (diameter)
Flow Resistance (50LPM): <0.5cm H₂O
Flow Resistance (100LPM): <1.5cm H₂O
Pressure sound level: 25dB (A)
Dead space: <208ml
Certification: **CE**



FULLFACE MASK

YF-02

Net Weight: 210gr
Service pressure range: 4-30 cm H₂O
Connection tube: 22mm (diameter)
Flow Resistance (50LPM): <0.5cm H₂O
Flow Resistance (100LPM): <1.5cm H₂O
Pressure sound level: 25dB (A)
Dead space: <208ml
Certification: **CE**

MASKS

SLEEP
THERAPY

OXYGEN
THERAPY



cavagna group

Wherever gas is used, we are there

CAVAGNA GROUP SPA

Via Statale 11/13 - Frazione Ponte San Marco

25011 Calcinato - Brescia (Italy)

Tel. 0039 030 9663111

info@cavagnagroup.com

www.cavagnagroup.com