



PMCARES
Prime Minister's Citizen Assistance and Relief
in Emergency Situations Fund

Funded
Oxy Care System

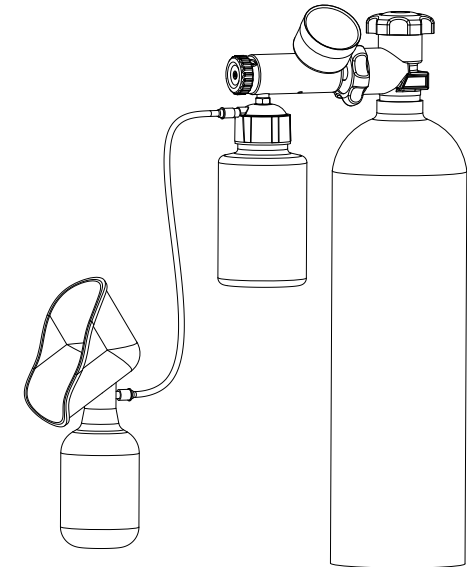
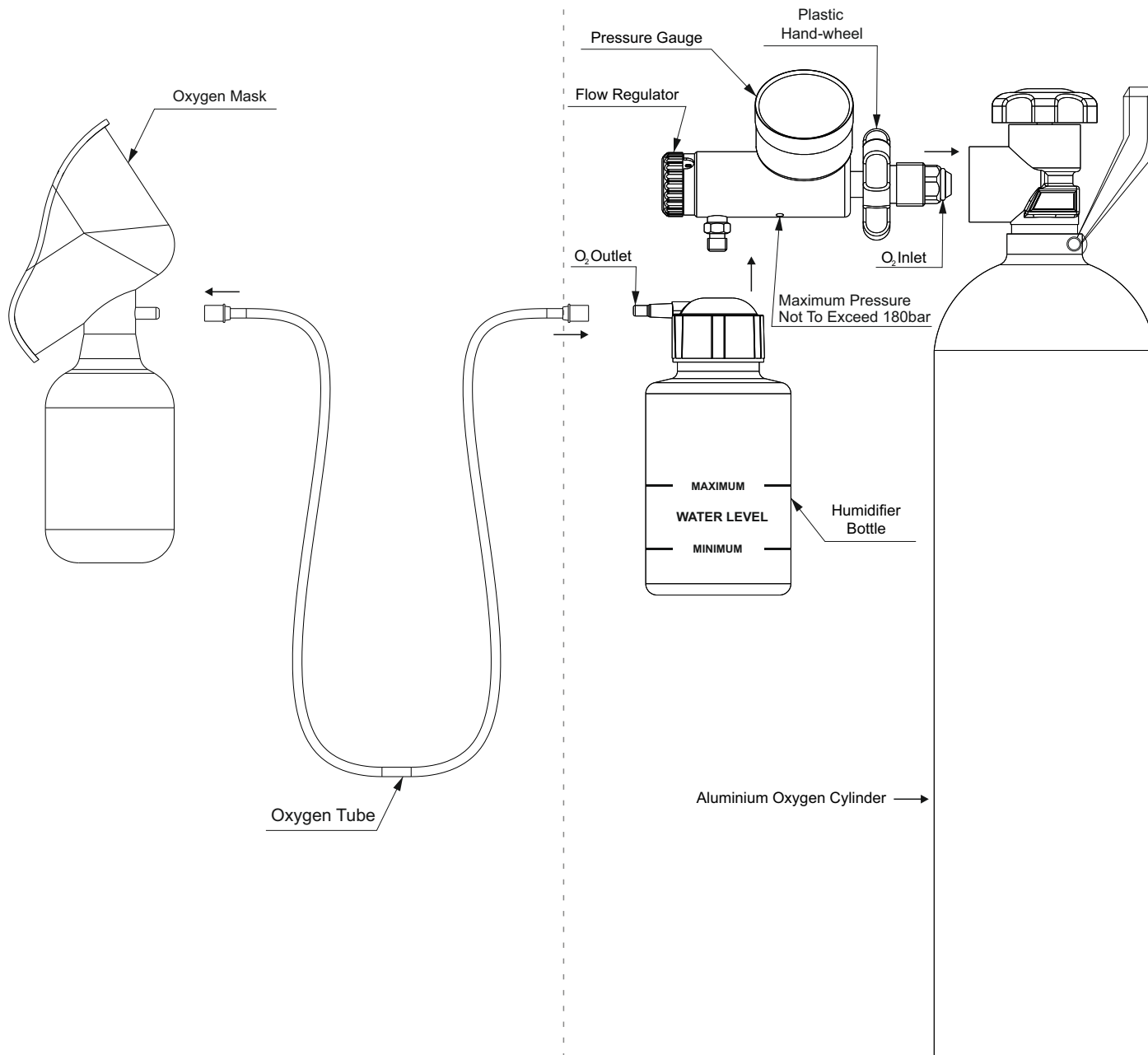
Manufactured By



KALYANI

BHARAT FORGE

Designed By



INSTALLATION & USER MANUAL
DEBEL OXY CARE SYSTEM
CONFIGURATION 1 (TYPE A)

BHARAT FORGE LIMITED

Pune Cantonment, Mundhwa Pune - 411 036. INDIA

Toll Free Number: **1800 572 3585**

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01) Oxycare Description

> Oxycare is a device which releases the compressed oxygen gas to the user as per a predefined setting through an oxygen mask or nasal cannula. The flow rate is manually adjustable from 0 to 15 lpm, with the help of Flow Regulator knob.

02) Technical Details

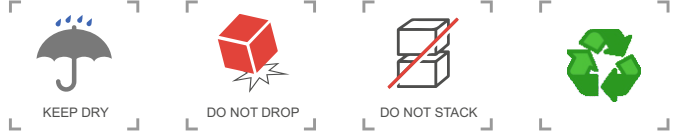
Media:	Compressed Medical Oxygen Gas
Inlet Pressure:	Up to 150 Bar
Cylinder Body:	Aluminium Alloy (10.5kg, 10L water capacity)
Cylinder Capacity:	1500 liters
Flow Rate:	0 to 15 liters/minute
Flow Setting:	12 levels (0, 0.5, 1, 2, 3, 4, 5, 6, 8, 10, 12, 15)
Output of Pressure regulator:	3 Bar
Operating Temp:	-10 to 60 C
Design Standard:	ISO 7866:2012

03) Accessories

- Aluminium Alloy Oxygen Cylinder – 1 unit
- Pressure Regulator cum Flow Controller – 1 unit
- Humidifier Bottle – 1 unit
- Nasal Cannula – 1 unit
- Non Breather Mask – 1 unit
- Warranty Card
- Acceptance Test Report
- Instruction & User Manual

04) Storage of Oxycare

- > On receipt, check the regulator to ensure that it is in fully assembled condition.
- > Regulator should be stored above the ground level or rack.
- > Do not apply tar, paint, grease or any other material inside the regulator as this could impair performance of the regulator.
- > Please pay attention to following symbols.



> Do not expose the regulator in below critical environmental conditions.



05) How to Install Oxycare

> STEP - 1

Place the Oxycare regulator inlet stem nozzle with the matching threaded port seated above the cylinder's neck, and fasten the plastic hand wheel found on the Oxycare regulator by turning in clockwise direction. (As described in Diagram - A)

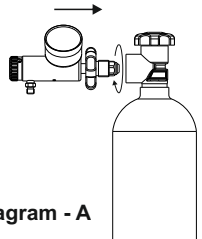


Diagram - A

> STEP - 2

Fill-up the humidifier bottle with distilled water up to the maximum level marked over it. (As described in Diagram - B1)

Watch out for water level at periodical intervals. If level falls below minimum mark then refill it again with distilled water only. (As described in Diagram - B1)

Connect the humidifier bottle to the oxygen outlet on the regulator. (As described in Diagram - B2)

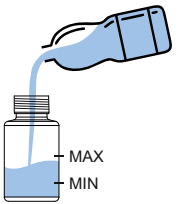


Diagram - B1

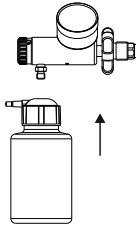


Diagram - B2

> STEP - 3

Connect the oxygen mask tubing to the outlet of the humidifier bottle. (As described in Diagram - C)

NOTE: The oxygen tube should slip comfortably onto the humidifier outlet.

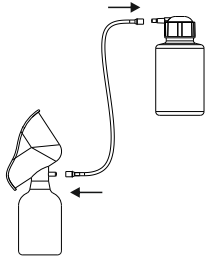


Diagram - C

> STEP - 4

Slowly and carefully turn the valve on the top of the cylinder counter clockwise until you see the dial register pressure. Full tanks should be around 2000 PSI. (As described in Diagram - D)

CAUTION: If the cylinder hisses loudly, turn the valve OFF and repeat above step.

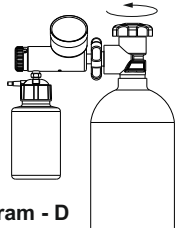


Diagram - D

> STEP - 5

Set the oxygen flow as prescribed by using the flow control knob. (As described in Diagram - E)

NOTE: Twist knob to turn and adjust proper prescribed flow.

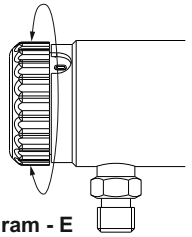


Diagram - E

06) How to Uninstall Oxycare

> STEP - 1

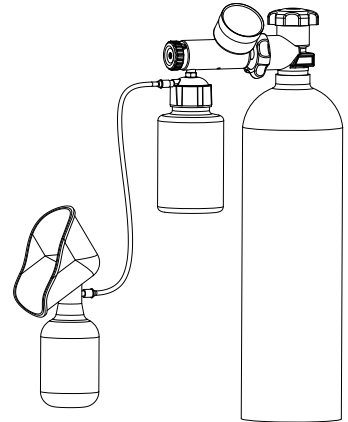
Turn the cylinder valve off by turning it in clockwise direction. (See Diagram - D) After the pressure has dropped to zero, turn the flow control to OFF or the "0" position. (See Diagram - E)

> STEP - 2

You may now change cylinder by loosening the plastic hand wheel on the oxycare Regulator and remove the regulator. (See Diagram - A) Follow steps 1-5 above for reconnecting to a cylinder.

CAUTION

- DO NOT attempt to repair Regulator.
- DO NOT apply/immerse the Regulator in any kind of liquid. This will void the warranty.



**For More Information:
Visit:
www.bharatforge.com/oxycare
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