

# FIRE FIGHTING SYSTEMS



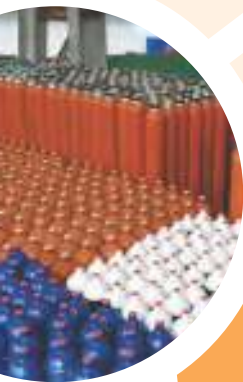
*Clean Energy Solution Company*



# FIRE EXTINGUISHER

- Biggest supplier of fire extinguisher cylinders in India
- Cylinders are now powder coated for better visual appeal and longevity
- Empty extinguisher Bodies / Cylinder are available in all standard sizes
- Cylinders for Halon gas of 1.8 Ltr & 3.6 Ltr are available
- Convex and concave cylinder bottles are supplied with customer specific neck threading.

| Co2 capacity (in kg) | Water Capacity of Cylinders (in Liter) | Weight of Cylinder (in kg) | Length of Cylinder (in mm) |
|----------------------|----------------------------------------|----------------------------|----------------------------|
| 1                    | 1.5                                    | 3.2                        | 270                        |
| 2                    | 3                                      | 5.1                        | 365                        |
| 3                    | 4.5                                    | 8.8                        | 425                        |
| 4.5                  | 6.8                                    | 11.8                       | 610                        |
| 6.5                  | 10.2                                   | 16.3                       | 850                        |
| 9                    | 13.5                                   | 20.6                       | 1135                       |
| 22.5                 | 34                                     | 40                         | 1030                       |
| 45                   | 68                                     | 80                         | 1400                       |

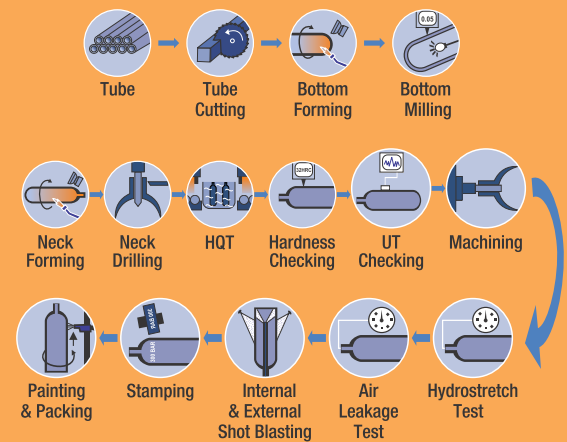


## MACHINERY INFRASTRUCTURE

- Highly productive and precise neck spinning & bottom forming machines
- Automatic heat treatment furnace for hardening quenching & tempering process with online SCADA system monitoring
- Computerised stamping machines eliminating human error
- Robotic material handling
- Powder coating paint booths.



### Production Process



## ALUMINIUM CYLINDERS

- EKC introduces ISI marked light weight Aluminium Cylinders
- Upto 50% lighter than conventional steel cylinders
- Aluminium Alloy body, rust free internal external surface
- Non magnetic, maintenance free
- For use in Co2 Fire Extinguishers & Breathing apparatus
- Lighter Stronger & reliable Powder Coated cylinders.



| Water Capacity | Tare Wt. Kg. | Length "L" mm. |
|----------------|--------------|----------------|
| 2.0            | 2.4          | 240            |
| 2.5            | 2.8          | 280            |
| 3.0            | 3.1          | 320            |
| 3.5            | 3.5          | 360            |
| 4.0            | 3.9          | 405            |
| 4.5            | 4.2          | 445            |
| 5.0            | 4.6          | 485            |
| 6.0            | 5.3          | 563            |
| 6.8            | 5.8          | 635            |
| 7.0            | 6.0          | 650            |
| 8.0            | 6.7          | 730            |
| 9.0            | 7.4          | 815            |
| 10.0           | 8.1          | 895            |





# FIRE SUPPRESSION



| MAX. WORKING PRESSURE AT 15°C | TEST PRESSURE           | WATER CAPACITY (lters.) | OUTSIDE DIA 'D' (mm) | MIN. WALL THICKNESS 't' (mm) | LENGTH 'L' APPROX. (mm) | TARE WEIGHT APPROX. (kg) |
|-------------------------------|-------------------------|-------------------------|----------------------|------------------------------|-------------------------|--------------------------|
| 204 kgf/cm <sup>2</sup>       | 340 kgf/cm <sup>2</sup> | 34.0                    | 267                  | 6.0                          | 825                     | 48.0                     |
|                               |                         | 40.0                    | 267                  | 6.0                          | 945                     | 54.0                     |
|                               |                         | 45.0                    | 267                  | 6.0                          | 1045                    | 58.0                     |
|                               |                         | 50.0                    | 267                  | 6.0                          | 1145                    | 63.0                     |
|                               |                         | 56.0                    | 267                  | 6.0                          | 1265                    | 68.0                     |
|                               |                         | 60.0                    | 267                  | 6.0                          | 1345                    | 72.0                     |
|                               |                         | 68.0                    | 267                  | 6.0                          | 1520                    | 79.0                     |
|                               |                         | 75.0                    | 267                  | 6.0                          | 1640                    | 85.0                     |
|                               |                         | 80.0                    | 267                  | 6.0                          | 1740                    | 90.0                     |
|                               |                         | 50.0                    | 267                  | 9.0                          | 1200                    | 85.0                     |
|                               |                         | 55.0                    | 267                  | 9.0                          | 1305                    | 91.0                     |
|                               |                         | 58.0                    | 267                  | 9.0                          | 1365                    | 95.0                     |
|                               |                         | 60.0                    | 267                  | 9.0                          | 1410                    | 98.0                     |
|                               |                         | 62.0                    | 267                  | 9.0                          | 1450                    | 101.0                    |
|                               |                         | 65.0                    | 267                  | 9.0                          | 1515                    | 105.0                    |
|                               |                         | 70.0                    | 267                  | 9.0                          | 1620                    | 112.0                    |
|                               |                         | 75.0                    | 267                  | 9.0                          | 1725                    | 119.0                    |
|                               |                         | 80.0                    | 267                  | 9.0                          | 1825                    | 126.0                    |
|                               |                         | 83.0                    | 267                  | 9.0                          | 1880                    | 129.0                    |
| 204 kgf/cm <sup>2</sup>       | 340 kgf/cm <sup>2</sup> | 60.0                    | 356                  | 7.4                          | 870                     | 84.0                     |
|                               |                         | 65.0                    | 356                  | 7.4                          | 925                     | 88.0                     |
|                               |                         | 70.0                    | 356                  | 7.4                          | 980                     | 92.0                     |
|                               |                         | 75.0                    | 356                  | 7.4                          | 1035                    | 96.0                     |
|                               |                         | 80.0                    | 356                  | 7.4                          | 1095                    | 100.0                    |
|                               |                         | 85.0                    | 356                  | 7.4                          | 1150                    | 104.0                    |
|                               |                         | 90.0                    | 356                  | 7.4                          | 1205                    | 108.0                    |
|                               |                         | 95.0                    | 356                  | 7.4                          | 1260                    | 113.0                    |
|                               |                         | 100.0                   | 356                  | 7.4                          | 1315                    | 117.0                    |
|                               |                         | 105.0                   | 356                  | 7.4                          | 1385                    | 122.0                    |
|                               |                         | 110.0                   | 356                  | 7.4                          | 1430                    | 125.0                    |
|                               |                         | 120.0                   | 356                  | 7.4                          | 1540                    | 133.0                    |
|                               |                         | 130.0                   | 356                  | 7.4                          | 1650                    | 141.0                    |
|                               |                         | 140.0                   | 356                  | 7.4                          | 1765                    | 149.0                    |
|                               |                         | 150.0                   | 356                  | 7.4                          | 1875                    | 157.0                    |
|                               |                         | 160.0                   | 356                  | 7.4                          | 1990                    | 166.0                    |
|                               |                         | 170.0                   | 356                  | 7.4                          | 2100                    | 174.0                    |
|                               |                         | 180.0                   | 356                  | 7.4                          | 2210                    | 182.0                    |
|                               |                         | 190.0                   | 356                  | 7.4                          | 2325                    | 190.0                    |
|                               |                         | 200.0                   | 356                  | 7.4                          | 2435                    | 195.0                    |
|                               |                         | 210.0                   | 356                  | 7.4                          | 2545                    | 206.0                    |
|                               |                         | 220.0                   | 356                  | 7.4                          | 2680                    | 215.0                    |
|                               |                         | 230.0                   | 356                  | 7.4                          | 2770                    | 223.0                    |
|                               |                         | 240.0                   | 356                  | 7.4                          | 2885                    | 231.0                    |
| 306 kgf/cm <sup>2</sup>       | 510 kgf/cm <sup>2</sup> | 80.0                    | 356                  | 11.5                         | 1135                    | 143.0                    |
|                               |                         | 90.0                    | 356                  | 11.5                         | 1250                    | 156.0                    |
|                               |                         | 100.0                   | 356                  | 11.5                         | 1370                    | 169.0                    |
|                               |                         | 110.0                   | 356                  | 11.5                         | 1400                    | 183.0                    |
|                               |                         | 120.0                   | 356                  | 11.5                         | 1610                    | 197.0                    |
|                               |                         | 130.0                   | 356                  | 11.5                         | 1750                    | 210.0                    |
|                               |                         | 140.0                   | 356                  | 11.5                         | 1665                    | 223.0                    |
|                               |                         | 150.0                   | 356                  | 11.5                         | 1970                    | 237.0                    |
|                               |                         | 160.0                   | 356                  | 11.5                         | 2090                    | 250.0                    |
|                               |                         | 166.0                   | 356                  | 11.5                         | 2160                    | 253.0                    |
|                               |                         | 170.0                   | 356                  | 11.5                         | 2210                    | 253.0                    |
|                               |                         | 150.0                   | 406                  | 8.3                          | 1460                    | 148.0                    |
|                               |                         | 160.0                   | 406                  | 8.3                          | 1545                    | 155.0                    |
|                               |                         | 170.0                   | 406                  | 8.3                          | 1630                    | 164.0                    |
|                               |                         | 180.0                   | 406                  | 8.3                          | 1715                    | 172.0                    |
|                               |                         | 190.0                   | 406                  | 8.3                          | 1800                    | 180.0                    |
|                               |                         | 200.0                   | 406                  | 8.3                          | 1885                    | 186.0                    |
|                               |                         | 210.0                   | 406                  | 8.3                          | 1970                    | 195.0                    |
|                               |                         | 220.0                   | 406                  | 8.3                          | 2055                    | 203.0                    |
|                               |                         | 230.0                   | 406                  | 8.3                          | 2140                    | 210.0                    |
|                               |                         | 240.0                   | 406                  | 8.3                          | 2225                    | 218.0                    |
|                               |                         | 250.0                   | 406                  | 8.3                          | 2300                    | 225.0                    |



## Clean Agent Cylinders:

- FM 200
- Novec 1230

## Inert Gases Cylinders:

- IG541 (Inergen)
- IG55 (Argonite)
- IG100 (Nitrogen)

## Water Mist Cylinders:

### Thread varieties:

- 2" to 3.25" (2A & 2B)
- M50

**Cylinders are suitable for UL approval.**





- Everest Kanto Cylinder is a market leader in the manufacture of Industrial, CNG and Special Application Cylinders. With over 7 million cylinders in service all over the world of various national & international standards.
  - ISI & CCOE.
  - TPED.
  - DOT 3AA.
- Total five world-class Automated Robotic manufacturing plants.
  - Two in India viz. Tarapur, Kandla.
  - Two are in Dubai (UAE).
  - One fully owned subsidiary in USA, CPI Industries.
- A market leader in Cylinder design & manufacture with a capacity to produce upto 5 lac cylinders per annum.
- Our endeavour to introduce lighter and higher gas capacity cylinders with higher filling pressure, has enabled us to launch newer trends in market.
- Our product ranges from 1 Ltr to 3000 Ltr with pressure rating from 150 Bar to 400 Bar.
- EKC is a one stop solution for all your high pressure gas cylinder requirements.
- We offer quality product at competitive prices.



**TARAPUR, INDIA**



**KANDLA, SEZ**



**PLANT I, DUBAI**



**PLANT II, DUBAI**



**PITTSBURGH, USA**



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