



DELTA
NEU

SOLUTIONS FOR THE NUCLEAR INDUSTRY

Tailor made solutions to apply negative pressure to containment airlocks, tanks and piping networks for the nuclear industry.

To optimise the extraction of contaminants at source, and to process and filter air carrying radioactive dust and/or fumes.

To prevent α and β radiation particles from spreading.

To protect and improve the working conditions for the operators.



Negative pressure applied to a rigid containment airlock with a CYCLAIR® 502



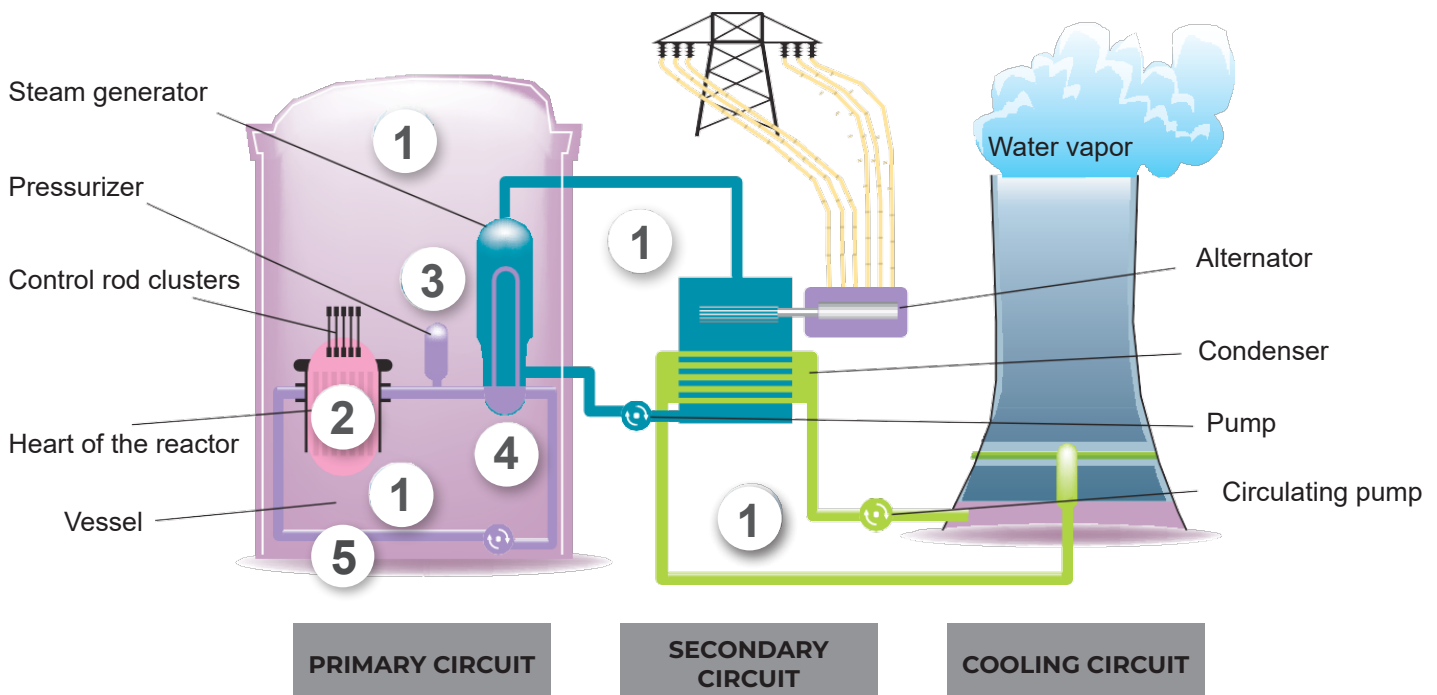
Negative pressure applied to a flexible containment airlock with a CYCLAIR® 3003 and a CYCLAIR® 503



MED CP® installation on a cover tank to apply negative pressure to the primary circuit

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Member of
NEU-JKF
Dedicated to clean air



RANGE OF EQUIPMENT

1



CYCLAIR® 300

Mobile vacuum unit for generating a vacuum in confined and difficult-to-access areas.

Use:

- Direct dynamic containment and Static/dynamic containment
 - Radiation protection during dismantling phases
- Equipped with a « nuclear » - type HEPA filter to meet all requirements.

1



CYCLAIR® 50X, 150X à 300X

Mobile vacuum unit for performing static/dynamic and direct and indirect dynamic tasks

- Robust, airtight, one-piece design
 - Its optimized centre of gravity prevents it from tipping over
- Each series available with a choice of 3 different electric control cabinets (standard, medium, HMI)
Equipped with a « nuclear » - type HEPA filter to meet all requirements

1



IODAIR® 600

Mobile differential pressure device used to apply negative pressure to airlocks for the dynamic containment of sites which could be contaminated. It is equipped with an absolute filter and an iodine absorber.

- Static/dynamic containment.
- Direct dynamic containment.
- Indirect dynamic containment.

1



CYCLAIR® P

mobile differential pressure device used for the static/dynamic, indirect and direct dynamic containment of areas in which there are incandescent particles (welding, cutting fumes, etc.). Robust, airtight, one-piece design and made in France by qualified welders.

1



COBRA® FAN

Centrifugal fan designed to the most ventilation configurations: pits, tanks, vessels, cellars, premises, process... made entirely of ALUMINUM CAST IRON.

2



MED CP® : Valve control phase

As a "Lower Generator", the MED CP applies negative pressure to the primary circuit.

It allows the automatic implementation of standardised air speeds. These air speeds are configurable and continuously controlled.
Reduced radiological risk (individual and collective dose rate) – no atmospheric contamination of the reactor building

3



MED PZR®

Mobile ventilation unit intended to apply negative pressure to the pressurizer. It can be controlled by the MED CP (negative pressure applied to the primary circuit). Coated in decontaminable paint.

- Equipped with:
- HEPA polydiédre filter
 - Lodine trap with activated carbon
 - Heating battery
 - Control and safety systems

4



MED GV®

Mobile ventilation unit for drying of the loops on the primary side and to apply negative pressure to the steam generators

- Equipped with:
- HEPA polydiédre filter
 - Lodine trap with activated carbon
 - Heating battery
 - Control and safety systems.

5



MED® RRA

Consisting of 2 ventilation units to apply negative pressure to the reactor cooling system at shutdown.

They are depressurised by a fan of new generation.