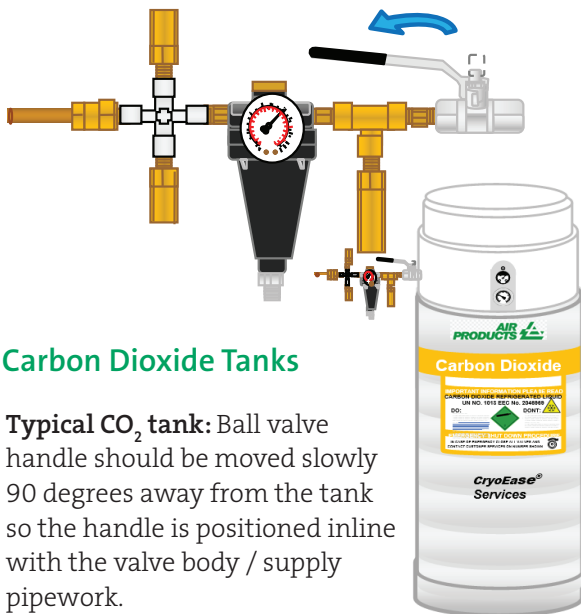


# Tank Systems Start-up After Periods of Non-use\*

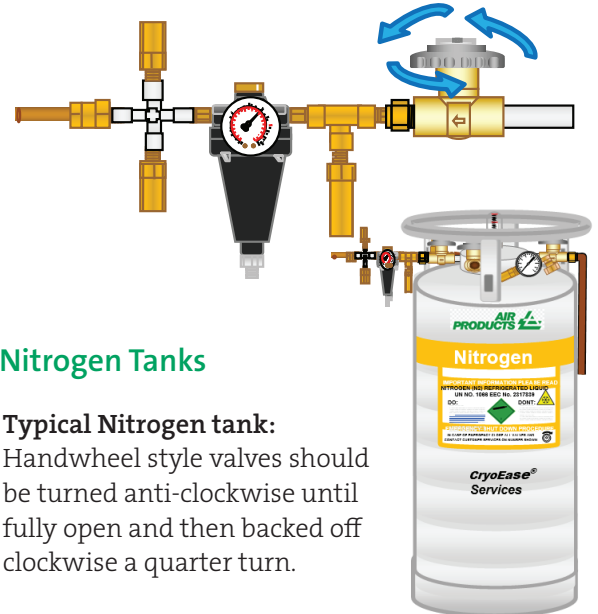
\*Assumes Leisure System Isolation procedure was followed to close system down for a period of non-use



## Carbon Dioxide Tanks

**Typical CO<sub>2</sub> tank:** Ball valve handle should be moved slowly 90 degrees away from the tank so the handle is positioned inline with the valve body / supply pipework.

Some CO<sub>2</sub> tanks can have handwheel style valves (see [nitrogen tank](#) instruction).



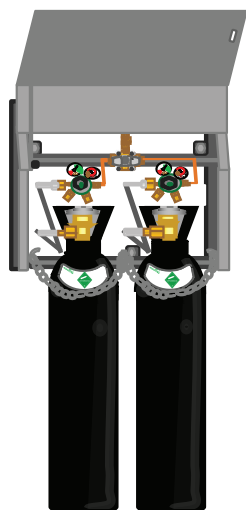
## Nitrogen Tanks

**Typical Nitrogen tank:** Handwheel style valves should be turned anti-clockwise until fully open and then backed off clockwise a quarter turn.

# Cylinder Start-up After Periods of Non-use\*

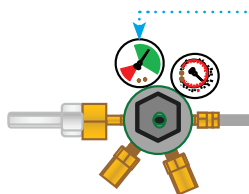
\*Assumes Leisure System Isolation procedure was followed to close system down for a period of non-use

**All cylinders** have handwheel style isolating valves that should be turned anti-clockwise until fully open and then backed off clockwise a quarter turn. Initial opening turn should be done slowly to avoid pressure surges.



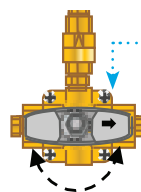
1

**CO<sub>2</sub> Cylinder primary supply:** Where cylinders are the main supply for CO<sub>2</sub> ensure the regulator hose is securely connected to the cylinder. Slowly turn the handwheel anti clockwise until fully open. Then back off clockwise a quarter turn.



2

**Cylinder regulator:** Once the cylinder is switched on the regulator should display contents (left gauge) and supply pressure (right gauge).

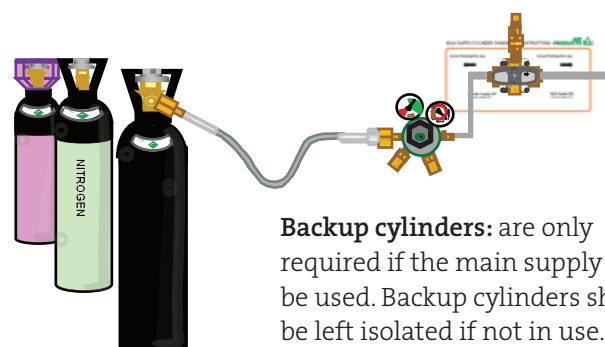


3

**Twin CO<sub>2</sub> cylinder changeover valve:** If necessary turn the handle on the changeover valve so the arrow points to the regulator / cylinder that you require online:



**All tank and cylinder valves should be opened slowly to avoid pressure surges**



**Backup cylinders:** are only required if the main supply can't be used. Backup cylinders should be left isolated if not in use.

# Nitrogen Generator Start-up After Periods of Non-use\*

\*Assumes Leisure System Isolation procedure was followed to close system down for a period of non-use

1

## Switch the generator on:

Turn on the plug socket supplying the generator and press the green rocker switch on the side of the unit to the on position.

The green operating light will illuminate and the generator will go through an operating cycle which starts with the unit venting for approx. 60 seconds. The compressor inside the unit will then start up and run intermittently for approx. 3 to 4 minutes at a time.

As the receivers (noted in step 3) should be isolated, the unit should stop running after a few cycles and go into standby (operating light goes off and standby light illuminates).

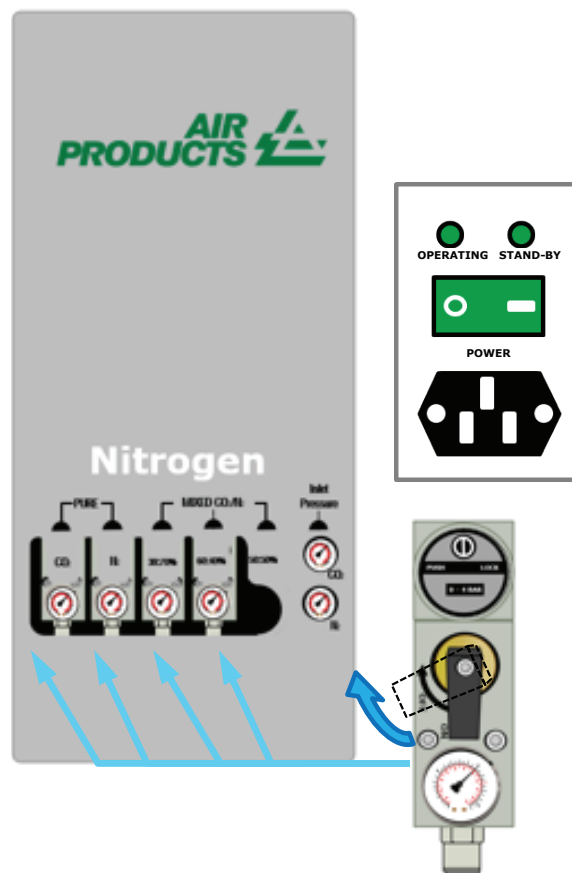
If the unit continues to run and doesn't go into standby, go to step 2 below.

If the unit goes into standby, go to step 3 to the right.

2

## Switch off the pressure regulators:

Each pressure regulator outlet has an isolation valve as pictured. Reach in to the panel and isolate the valve by pushing it up to the left – switch each regulator off like this (typically 4 in each generator). The unit should now go into standby and with these outlets switched off this has proved the generator is operating correctly. Open these regulators again and go to step 3 to open the receivers. The downstream dispense system may just need to be pressurised up but if there is a leak on the system it will deplete the receivers and cause the generator to overwork. Call Air Products or your cellar services for further advice.



3

## Open the receivers::

Finally open the receivers as shown below\*:



\*Turn each receiver handwheel anti-clockwise until fully open and then turn back clockwise by one quarter turn.

For additional technical advice call:

**01905 758300**

Air Products Cryoease Services  
Prescott Dr, Worcester WR4 9RH

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