

Hands-on recommendations: COVID19 + general ventilation systems

Good/healthy indoor air quality

→ More essential than ever

Correctly maintained/operated HVAC solutions

→ Key – not least because of COVID19

For more recommendations please email info@pacificventilation.com

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Our core recommendations

1 Maintain HVAC system regularly, operate and plan it correctly Respect established hygienic standards + operation manuals	2 Optimise ventilation To ensure continuous fresh air supply while diluting indoor air contaminants	3 Maintain minimum humidity levels Optimally 50% (minimum 40%, not exceeding 60%)
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For hospitals, laboratories, swimming pools, and other critical environments: Monitor established guidelines/standards.


Our expert advice

What can you practically do to achieve our recommendations?



Extend ventilation system's operating time, optimally run it 24/7

- Run ventilation units longer than human presence in building
- Turn on unit earlier, leave it running for extended period after occupancy



Optimise ventilation by increasing system's volume flow rate

- While ensuring it does not interfere with reaching recommended humidity level




Maintain minimum humidity levels

During operating hours

- Maintain usual temperature setpoint
- Set relative humidity control to: Optimally 50% (minimum 40%, not exceeding 60%)
- If room temperature setpoint is high: Lower temperature setpoint
- Keep it in occupants' comfort zone to more easily reach humidity setpoint


During non-operating hours

- Consider lowering temperature setpoint further
- In case system cannot achieve recommended humidity: Consider additional system/room humidification



Adjust air volume controls

- If available in control system, set acceptable CO₂ level recommended for your system
- Air volume = Lower, when less persons are present → Easier to reach desired relative humidity
- If no CO₂ controls available, keep unit running on constant airflow



Set recirculation according to operation mode

During operation hours

- Switch off recirculation

During non-operation hours

- Switch on recirculation mode → Easier to reach desired relative humidity

