HANSCRAFT®
european spa producer

WINTERIZING HOT TUBS

Winterizing Hot Tubs

1. Preparing the hot tub

Cleaning the pipes

a) Add a pipe cleaner to the water.
b) Run all pumps according to the product manufacturer's instructions.
c) After cleaning, drain the dirty water.

Recommendation: This step significantly reduces the formation of biofilm and deposits in the pipes during the winter shutdown.

2. Disconnecting the power supply

a) Turn off the main circuit breaker or disconnect the power supply.
b) Verify that all pumps and heaters are turned off.

Never perform maintenance on a hot tub while it is energized!

3. Draining the water

a) Open the drain valve.
b) If necessary, use a submersible pump for faster draining.
c) Let the hot tub drain completely.

4. Removing and cleaning the filters

a) Remove all filter cartridges.
b) Clean them thoroughly.
c) Let them dry.
d) Store them in a dry place.

Recommendation: If the filters are more than 1–2 seasons old, recommend replacing them before putting the hot tub back into service.

5. Opening all water circuits

a) Turn all diverters to the middle position.
b) Open all air regulators.
c) Open all massage jets.

Reason: Water can drain from all branches of the piping system.

6. Draining water from the pipes

Using a wet / dry vacuum
Gradually vacuum out the water:
– from all jets,
– from the suction openings,
– from the filter chamber,
– from the overflow openings.

Using compressed air
Blow out:
– massage circuits,
– air distribution lines,
– circulation circuits.

Recommendation: Alternate between blowing and vacuuming until no water comes out of the nozzles.

7. Draining the system

Open the service compartment and inspect the system.

Pumps
a) Loosen the pump drain plugs (if installed).
b) Loosen the union nuts on both the suction and discharge sides.
c) Allow all water to drain out.

Heating element
a) Loosen the connections at the inlet and outlet.
b) Drain any remaining water.

Other components
Check and drain:
– circulation pump,
– UV lamp,
– ozonator,
– additional systems,
– connecting hoses.

The most common cause of damage during the winter is water left in the pumps or heating system.

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8. Inspect the service compartment

a) Check the bottom.
b) Remove any residual water.
c) Let the area dry out.

Recommendation: If the spa is under a canopy, briefly ventilate the service area to remove moisture.

9. Cleaning the tub

a) Clean the acrylic surface with a suitable cleaner.
b) Remove limescale and deposits.
c) Wipe the tub dry.

Pay special attention to:
– corners,
– seats,
– the area around the jets.

10. Removing accessories

If the design allows:
– remove the headrests,
– store them in a dry place.
This will extend their lifespan.

11. Covering the hot tub

a) Put on the thermal cover.
b) Check that it fits properly.
c) Secure all buckles.

12. Winter maintenance

It is recommended to check the following at least once a month:
– the condition of the thermal cover,
– for damage to the buckles,
– snow accumulation,
– any leaks.

If there is a significant amount of snow, clear it away.

What you should definitely not do

- ✗ Do not drain only the tub without draining the system.
- ✗ Do not use automotive antifreeze.
- ✗ Do not leave water in the filter chamber.
- ✗ Do not leave the hot tub turned off and filled with water at temperatures below freezing.
- ✗ Do not place heavy objects on the thermal cover.

HANSCRAFT Recommendations

If the customer has access to electricity and uses the hot tub at least occasionally, it is usually more advantageous to keep the hot tub in winter mode. Modern HANSCRAFT hot tubs are designed for year-round use, and a properly configured winter mode is generally safer than a long-term shutdown.

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Checklist

- [ ] Pipes cleaned with Pipe Cleaner
- [ ] Power turned off
- [ ] Water drained from the tub
- [ ] Filters removed and cleaned
- [ ] Diverter valves, air valves, and nozzles open
- [ ] Pipes and nozzles blown out
- [ ] Pumps drained
- [ ] Heater drained
- [ ] UV/Ozone/In.clear systems checked
- [ ] Drained tub
- [ ] Headrests removed
- [ ] Thermal cover closed and secured
- [ ] Final inspection of the system performed

Note: If you are unsure whether all water has been completely removed from the system, it is recommended that winterization be performed by an authorized service technician. This is significantly less expensive than repairing components damaged by freezing.

Notes

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HANSCRAFT, s. r. o.
K Vodojemu 140
252 19 Chrášťany u Prahy
CZECH REPUBLIC

www.HANSCRAFT.eu

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