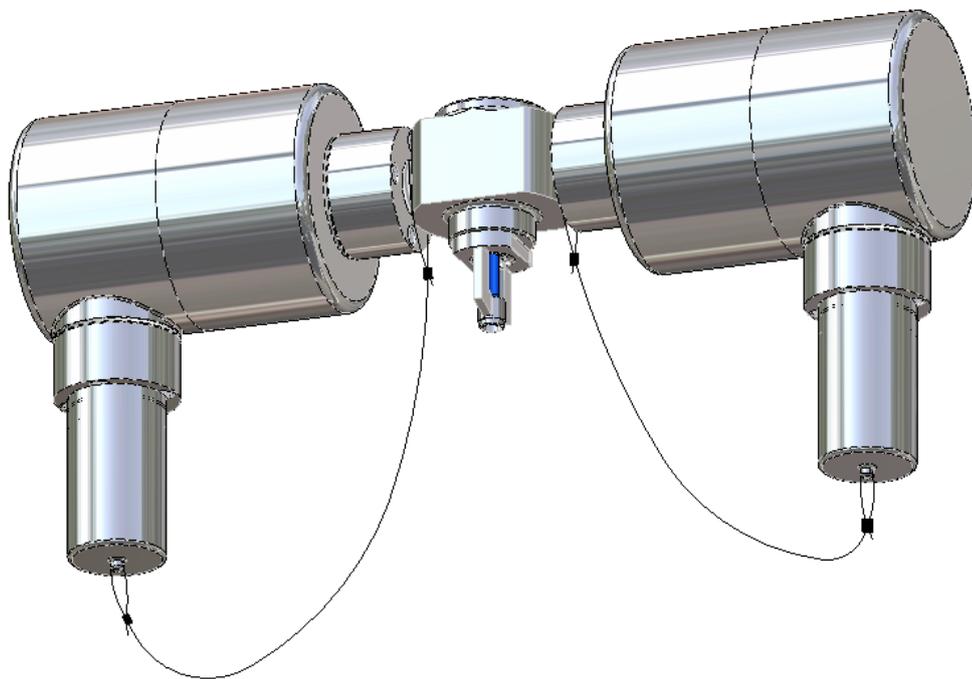


GW MisteryHood
Guideline for replacement of Canisters



**GW Commercial Fat Fryer Sprinkler
Protection System**

Manual No 819

GW SPRINKLER A/S

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GW Mistery Hood

Deep Fat Fryer Fire Protection

CANISTER REPLACEMENT

Replacement of canisters

This work shall only be completed by a qualified sprinkler installer familiar with the handling of delicate and fragile sprinkler products.

- The expiry year is marked on the canisters (nozzle ports). Both Canisters shall be changed at the first service within the year of expiry. Only new *) canisters shall be used.
- Prior to changing canisters the cooking pool shall be isolated, cool, and removed **) from the working place. If necessary cover the fryer to ensure no debris enters the oil pool. Isolate the MisteryHood system by means of the isolation valve prior to starting work.
- Canisters can be changed without disconnecting or draining the sprinkler system pipes providing the GW Automatic Valve has not been damaged. Precautions shall be taken not to damage the heat sensitive element (glass bulb) on the GW Automatic Valve during the change process or this will activate the system.
- The expired canisters shall be unscrewed from the Automatic Valve, The caps, wires, sealing adapter, and the nozzles shall not be removed. *The expired canisters can be returned to the supplier to be disposed of. Please confirm and abide by local environmental laws and regulations whilst disposing of the canisters or extinguishing agent.*
- The outlet ½” female threads of the GW Automatic Valve shall be carefully cleaned to remove loose sealant / PTFE tape.
- Liquid sealant shall be applied to the male connection thread of the new canisters. The sealant product's strength must be described as easily dismantled. (E.g. Loctite 510) The wires from the Blow off Caps should then be fitted over the threads.
- *The installer shall check that there have been no leaks from the canisters. If leaks are found, the MisteryHood System needs to be replaced with new before the system or the fryer is taken into use.*
- The new canisters shall then be fitted to the outlet ½” female ports of the Automatic Valves and a torque applied (3Nm – 4Nm). The canisters shall be positioned with the nozzle connection ports in the 100% pendent position. (See **Diagrams 4**). It is important that the canisters are in alignment with the Automatic Valve.

*) **Canister Replacement Kit – part no.: 6000000**, consisting of 2 fully fitted canisters ready to install. Also see data sheet: SN045 1003 A

**) Using floor marking (e.g. tape) will assist smooth and correct re-positioning of the fryer under the MisteryHood after completed maintenance work.

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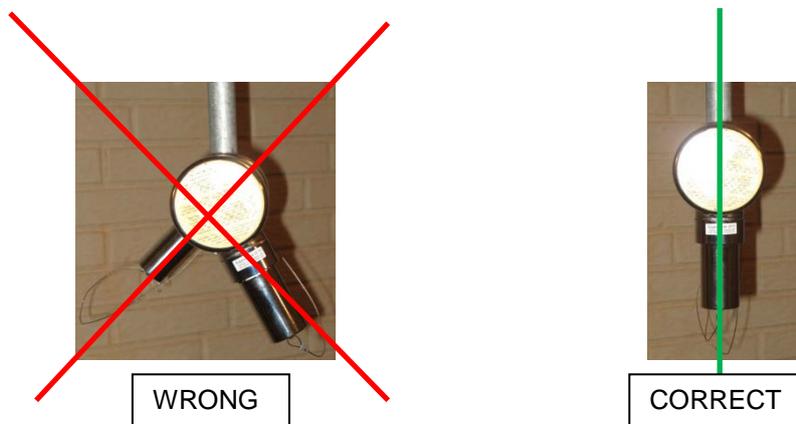
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CANISTER REPLACEMENT



- Check that the MisteryHood System is safely installed and that its position is secure. There shall be no damage to any part of the system.
- After finishing the installation check that all separation / isolation valves (if any) installed between the sprinkler system and the Twin nozzle system are fully open and locked in the open positions.
- After installation of the system, turn the water supply on. Check that there are no leaks from the system and that all electric circuits and alarm / control circuits are functioning as intended.
- Re-position the fryer unit. (See **Diagram 1**).
- A record of the change-out of Canisters shall be made in the system operation manual and maintenance data which shall be present in the cooking area.

Warnings !

Care must be taken not to touch the bursting disc. (in canister inlet port)

The two wires fitted to blow off caps should be different lengths. Do not mix wires / caps from different systems.

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CANISTER REPLACEMENT



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Diagrams to be referenced with this manual

Diagram 1: Position of fryer unit with MisteryHood System

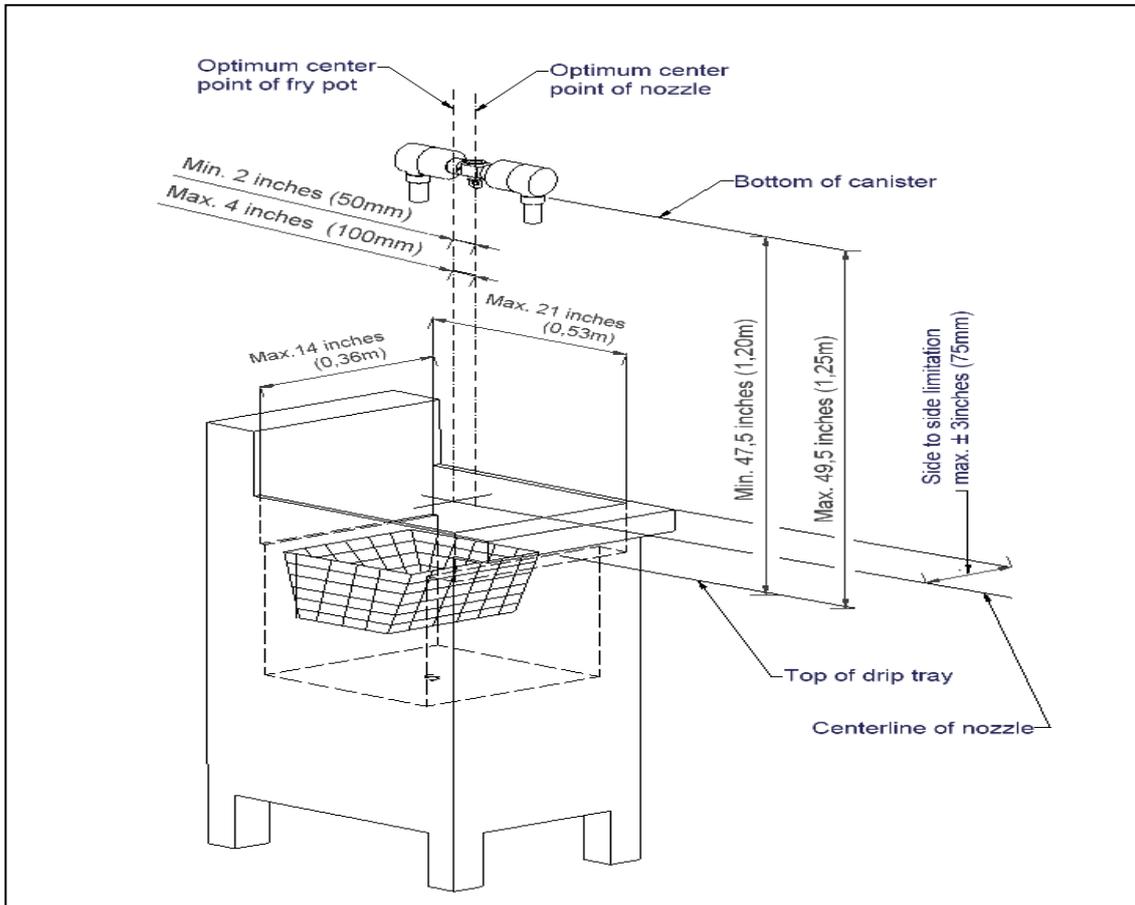
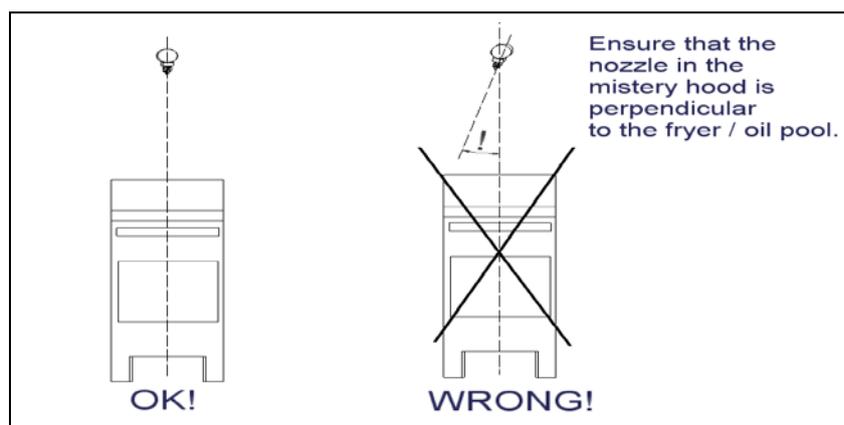


Diagram 2: Orientation of MisteryHood System



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