

NoKam

Quickstart Guide



WARNING: 115V – Risk of Electric Shock

Safety Information

The NoKam operates at high voltage and poses a risk of electric shock. Installation must be carried out by qualified personnel only.

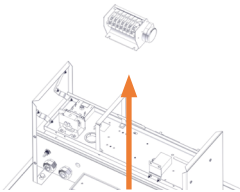
All installations must comply with applicable local electrical codes. In the absence of local regulations, installation shall conform to the following standards:

- **National Electrical Code (NEC), NFPA 70**
- **Canadian Electrical Code (CEC), Part 1, CSA C22.1**
- **NFPA 96 – Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations**

Installation

Before installation, verify that all required components are present and inspect for any signs of damage. **DO NOT** install any damaged or faulty parts—this is unsafe and will void the warranty.

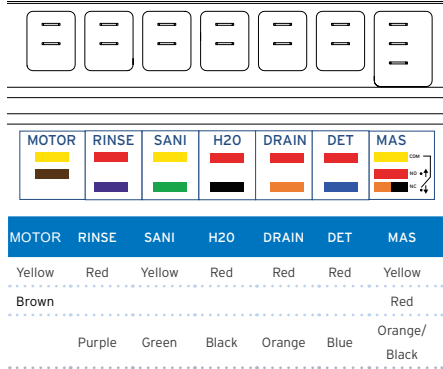
If any issues are found, please contact our technical support team on **913.422.3700** for our RMA process.



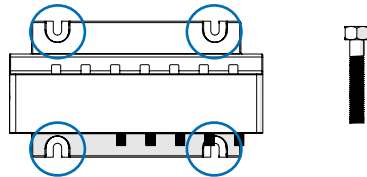
Locate the existing cam timer for your machine and remove the existing mounting screws using a **#2 Phillips Screwdriver**, please retain the screws for later use.

Wiring

Remove the existing wiring from the back of the cam timer and attach to the new NoKam unit. The wiring matches the existing cam timer. A wiring diagram is also provided on the rear sticker of the unit for reference.



Mounting



LED Status Indicators:

Flashing – Machine Running

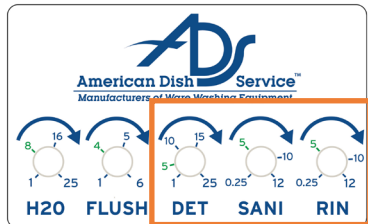
Solid On – Door Open (Paused)

Off – Machine Idle

Chemical Pump Calibration

The durations of the three chemical pumps are adjusted using the Detergent, Rinse, and Sanitizer dials:

- **Detergent:** Adjustable from **1 to 25 seconds**
- **Rinse & Sanitizer:** Each adjustable from **0.25 to 12 seconds**



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- The Detergent pump starts 1 second after the cycle begins (fixed delay).
- The Sanitizer and Rinse pumps start after the drain closes.

Flush and Drain Calibration

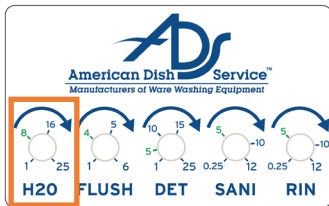
The **Flush Time** is the time the water valve is active and the drain open. Increase this if there is more scrap in the wash. It can be set from 1-6 seconds. The **drain duration** can be configured between 10 and 15 seconds:

- **DIP Switch 3 ON (Up):** 15-second drain duration
- **DIP Switch 3 OFF (Down):** 10-second drain duration

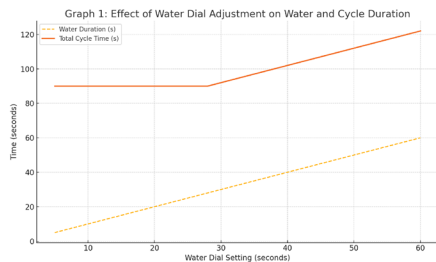
The drain valve opens **halfway through the cycle**.

Water Calibration

- The **water fill duration** is adjustable from 5 to 60 seconds, increasing in a clockwise direction on the dial.
- The **water fill starts automatically 3 seconds before the drain closes**.
- If the fill time is set to **more than 28 seconds**, the **overall cycle time is automatically extended** to maintain a sufficient rinse cycle.



Water Dial Settings



This graph illustrates the relationship between the **water dial setting**, the resulting **Water Duration**, and how it affects the **Total Cycle Time**:

- Up to **28 seconds**, the water duration changes, but the **cycle time remains fixed** at 90 seconds.

- **Beyond 28 seconds**, any increase in water duration **extends the cycle time proportionally**, ensuring an adequate rinse cycle.

Burp Cycle (Pump Delay)

The **Machine Burp** dial controls the delay before the **water pump** starts during the water fill:

- **Fully counter-clockwise:** Water pump starts at **40%** of the way through the water fill
- **Fully clockwise:** Water pump starts at **60%** of the way through the water fill.

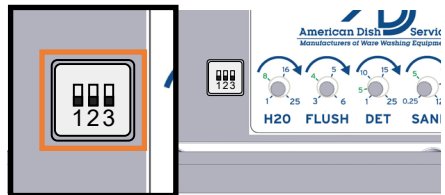
Cycle Length

The **cycle time** is set using **DIP switches** located behind the cover—accessible by removing the cover screws.

- **Switches are labelled 1, 2, and 3**
- A switch is considered **ON** when in the **UP** position

In **Test Mode**, all relays will trigger in sequence to verify operation.

Note: If the **Water dial** is set beyond halfway, the **Total Cycle Time** will increase slightly to ensure proper rinsing.



Cycle Time (DIP switches 1 & 2)

Cycle Time (seconds)	Dip Switch 1	Dip Switch 2
90	OFF	OFF
120	ON	OFF
150	OFF	ON

Drain Time (DIP switch 3)

Dip switch 3 sets the **Drain Time** for the unit.

Please note - If you have an older model, you may need to open the enclosure to access.

Drain Time (seconds)	Dip Switch 3
10	OFF
15	ON

For more technical information please visit our website or scan the QR code:



americandish.com/technical-support/

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