TITLE SUBASSEMBLY #7: HOOD ASSEMBLY

Revision	Date	Modifications	Author
V1.0	13-04-2020	Description of labeling and applying the screen	Jeroen Roest
V1.1	14-04-2020	Addition of hood figures	Jeroen Roest / Bart Spel
V1.2	27-04-2020	Translation from Dutch to English	Karin Olthof

The assembly of the hood will be described in this manual. De hood design has 7 holes in it, one for the screen, and 6 for attachment of the hood to the metal bottom plate.

Part	Supplier	Quantity
1: Sticker 1 - Logo sticker	Stickerkoning.nl	1
2: Sticker 2 – Inlet sticker	Stickerkoning.nl	1
3: Sticker 3 – Outlet sticker	Stickerkoning.nl	1
4: Sticker 4 – Safety sticker	Stickerkoning.nl	1
5: Sticker 5 – Air	Stickerkoning.nl	1
6: Sticker 6 – Oxygen	Stickerkoning.nl	1
7: Top cap	Formit	1
8: Raspberry Pi Touchscreen Display	RS online	1
9: Loctite glue	Eriks	n/a

Stickers

1.
- The front side of the hood can be recognized by the presence of an opening for the touchscreen display and an angled surface.
  - Here, the following stickers need to be placed (see figure 1.1 to 1.3): logo (location 1 on figure 1.7), inspiration (location 2 on figure 1.7), expiration (location 3 on figure 1.7).
- The backside can be recognized as a vertical surface.
  - Here the following stickers need to be placed (see figure 1.4 to 1.6): AIRone sticker (location 1 on figure 1.8), air (location 2 on figure 1.8), oxygen (location 3 on figure 1.8)

(1.1)

INSPIRATION
(1.2)

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and the Technical sticker on location 4.

EXPIRATION
Do not forget
HEPA-filter

(1.3)

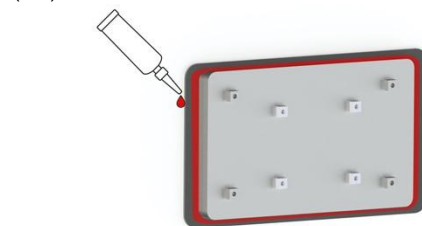

(1.4)

AIR

(1.5)

OXYGEN

(1.6)

(1.7)

(1.8)

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Display

2.

- On the front side, an opening has been made in which the screen can be mounted.
- On the backside of the screen, there is an adapter board, please check if this is present.
- Align the screen with the opening in the hood. Do this without completely attaching the screen to the hood (see figure 2.1)
- Apply a thin layer of Loctite (4601) to the outer edge of the backside of the screen and on the outer edge of the opening in the hood (see figure 2.2).
- Apply pressure to the screen for 30 seconds.
- Check if the screen is properly attached to the hood.

(2.1)

(2.2)

If executed correctly, the assembly should look as follows:

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