

Night-vent Striker

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10/24/2018

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1. Introduction

The Eurotek night-vent was supplied by [Roto North America](#) and has been practically proved been able to work with Eurotek 70 series Tilt and Turn Window. This striker-like part could provide a 7mm gap between sash and frame when the window handle was in 45° position. Whats more exciting is, the night-vent is compatible with other hardware system that implement lock point, like Maco.

2. Part Description

As Figure 1 shown, the Night-vent striker (260534) looks similar with ordinary strikers but with one significant feature that the center part could be extended out for a short distance. This extended part could assist the window tilt slightly when the whole unit still remain closed.



Figure 1. Roto Night-vent Striker

The installation of Night-vent striker requires two self tapping screws to fully fix the part and mount with the reinforcement inside the window frame. The position is shown as the number 22 of Figure 2. It sit on the side of the normal striker 19. In the mid way of lock pin travel from turn position to tilt position.

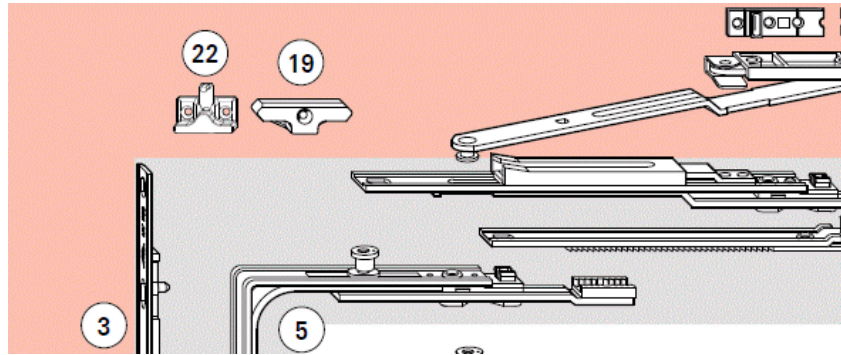


Figure 2. Position of Night-vent striker

3. Result on real test

The Night-vent striker was tested on a regular tilt and turn window manufactured by Eurotek. When the handle rotate to 45°, A roughly 7mm gap appear between the sash and frame on the top of window. To be more specifically, the 7mm is the distance between frame and the gasket of the sash. Since the extend part of the Night-vent striker is also slightly movable on the horizontal direction, the handle does not strickly been required to be on 45°



Figure 3. Measurement of Night-vent Gap

4. Conclusion

The Night-vent striker has been proved to be practical in produciton. Since it is an easier and cheaper solution for the air ventilation, it has a very optimal future to substitute the

current trickle vent system in Eurotek. What urgent is having