

# PROFLEX (S) AIRE PTE LTD

## PRESSURE RELIEF DAMPER INSTALLATION DETAIL

DOC NO.: 2024-INS-022

### Description

PA Pressure Relief Damper (Model: PRD) is designed to maintain the duct pressure of the ducting system with the use of counter weight on the individual blade and standard constructed from galvanised steel (GI).

### Installation Guideline

#### 1. Installation Detail

##### A. Slip Joint

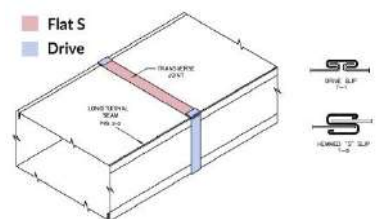
Connect the PRD to the ducting, secure one edge with Drive slip (C Clip) and Hemmed "S" Slip (S Clip)

##### B. TDF Joint

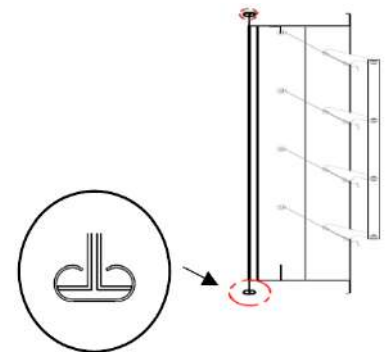
Add one layer of gasket to the PRD before assembly to the ducting. Install and tighten M6 bolts and nuts to the slotted holes (at the 4 corners) at the duct and the PRD. Use a TDF clip at each end of the flanges to connect both the damper and duct.

##### C. Slot In

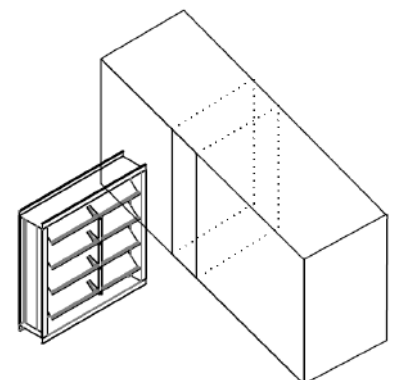
Cut an opening at the selected PRD position at the side of the duct with gap of 5mm. Slide the damper into the opening of the duct. Use fastener to secure the damper inside the duct.



**Slip Joint Method**



**TDF Joint Method**



**Slot In Method**