

# Summary Report

Summary Report No: 60416/1

Issue No: 1

Date of issue: 21 December 2017

BSRIA has tested the flanges described below for deflection and leakage, and confirm that they meet the relevant requirements contained in the Building Engineering Services Association (BESA) J-rated flange identification system for: Sheet Metal Ductwork DW/144 Third Edition 2016.

**Duct Manufacturer:** Kad Air Conditioning

**Flange Manufacturer:** Delta Duct Air-conditioning.

**Product covered by this document:-**

Delta F20, Delta F30 and Delta F40 slide on flanges

## Test Results

Slide on flange	Rating	Low pressure Class A	Medium pressure Class B	High pressure Class C
Delta F20	J2	500Pa positive and 500Pa negative	1000Pa positive and 750Pa negative	2000Pa positive and 750Pa negative
Delta F30	J3	500Pa positive and 500Pa negative	1000Pa positive and 750Pa negative	2000Pa positive and 750Pa negative
Delta F30	J4	500Pa positive and 500Pa negative	1000Pa positive and 750Pa negative	2000Pa positive and 750Pa negative
Delta F30	J5*	500Pa positive and 500Pa negative	1000Pa positive and 750Pa negative	2000Pa positive and 750Pa negative
Delta F40	J6*	500Pa positive and 500Pa negative	1000Pa positive and 750Pa negative	2000Pa positive and 750Pa negative

Note:- \* With Tie rods (JTR - joint tie rod)

**Full details available in BSRIA Report Number: 60416/1**

**Test Engineer:** A Freeth

**Approved by:** M Roper

### DISCLAIMER

*This report must not be reproduced except in full without the written approval of an executive director of BSRIA. It is only intended to be used within the context described in the text.*

*This report has been prepared by BSRIA Limited, with reasonable skill, care and diligence in accordance with BSRIA's Quality Assurance and within the scope of our Terms and Conditions of Business.*

*This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at its own risk.*