

## HEAT EXCHANGERS

# DAMPERS

### PRODUCT DATA SHEET

Suitable for close/open bypass exchanger section in connection with cross-flow plate heat exchanger.

The damper has hidden wheels for better protection against filth and mechanical damage. As standard the driving shaft is placed on the end of the middle wing on the by-pass side, or by even number of wings the upper wing next to the middle. The damper can upon request be supplied with driving shaft turned inward.

As option the damper can be supplied painted which is standard for exchangers with painted framework. We also recommend painted dampers for installation in areas with heavily polluted air.

Special only inside-bypass damper are also available.

Tightness classification 2.

## KEY MEASUREMENTS

# DAMPERS

### FRAME HEIGHT:

4.92 inches.

### WING WIDTH/DIVISION:

3.94 inches.

### SHAFT STANDARD (SQUARE):

0.47 x 0.47 inches.

### SHAFT LENGTH:

1.97 inches standard (adjustable up to 7.87 inches).

### SHAFT ON REQUEST:

Ø 0.47 inches (max length 3.74 inches).

### MAXIMUM DAMPER WIDTH:

98.43 inches (including by-pass).

### MAXIMUM DAMPER-UNIT AREA:

43.06 ft<sup>2</sup> (including by-pass).

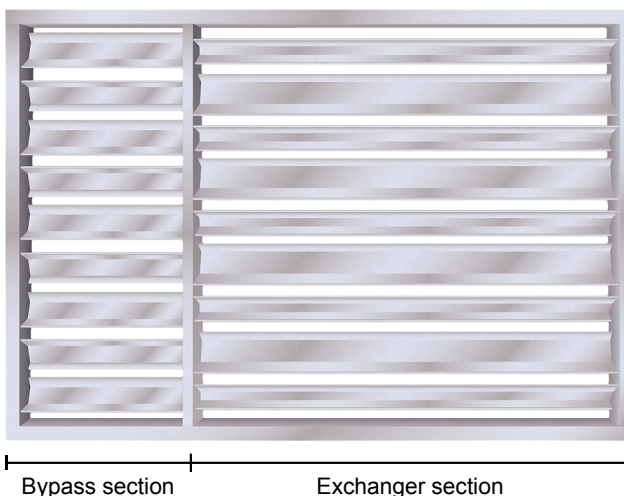
### MAXIMUM WING LENGTH:

55.12 inches.

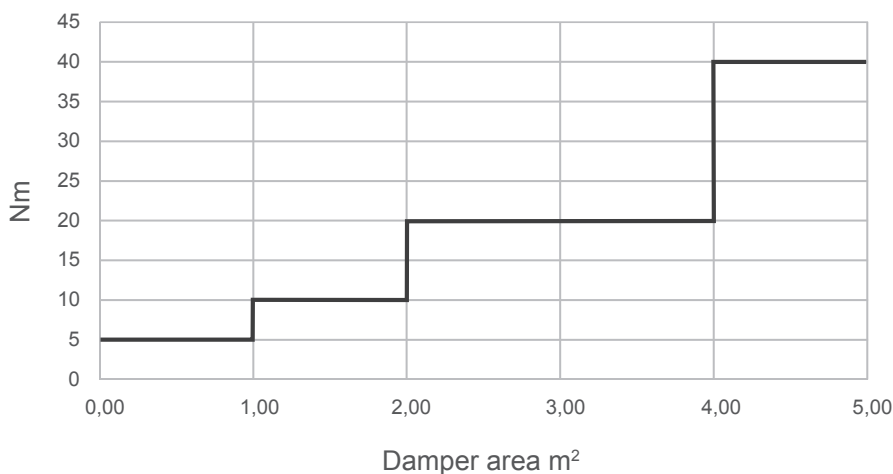
### MATERIAL:

Profiles and damper wings in aluminum.

Driving wheels in PP plastic with fiberglass (Suitable for temperatures between 5 till 176 Fahrenheit)



## Required Torque Nm/m<sup>2</sup> at pressure difference 1 500 Pa



Values for 1 section + bypass-section. For each additional section add 3 Nm/m<sup>2</sup>.

Owing to continued product development Heatex reserves the right to introduce alterations without prior notice.