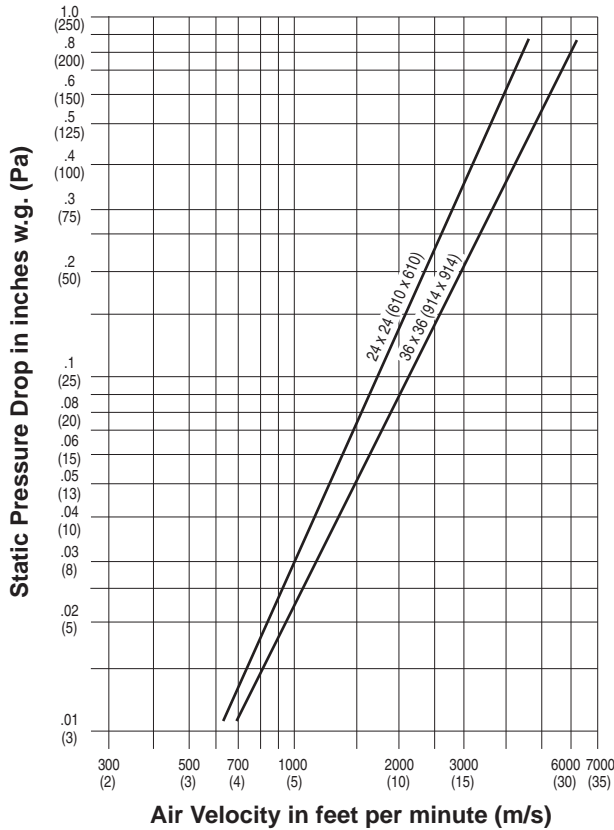


MODELS: 1810 AND 1820 MANUAL BALANCING DAMPERS

PRESSURE DROP (damper fully open):



Tested per AMCA standard 500-D, Fig. 5.3.

HOW TO ORDER OR TO SPECIFY

MODELS: 1810 AND 1820 - MANUAL BALANCING DAMPERS

EXAMPLE: 1810 - 24x24 - 304 - DLO - DR - BC - CR - HLQ

1. Models

- 1810 Steel, Vee Blade, Parallel
- 1820 Steel, Vee Blade, Opposed

2. Duct Size

Width x Height (inches [mm's])

3. Construction

- GLV Galvanized Steel (default)
- 304 Type 304 Stainless Steel

4. Drive Shaft Option

- DSR Rigid (default USA, International)
- DLO Lock-on Drive Shaft (default CAN)

5. Drive Location

- DR Right or Left Hand

6. Bearings

- BC Celcon (default)
- BO Oilite Bronze
- BS Stainless Steel

OPTIONS & ACCESSORIES:

7. Transition

- None (default)
- CR Round
- CO Oval

8. Hand Locking Quadrant

- None (default)
- HL2 Quadrant with 2" (51) Bracket
- HLQ Hand Locking Quadrant

SUGGESTED SPECIFICATION:

Provide and install, as shown on plans and/or schedules, manual balancing dampers as manufactured by Nailor Industries, Inc. which meet or exceed the following criteria: Frame shall be constructed of 16 ga. (1.6) galvanized steel hat channel with mitered corners and die-formed corner gussets for rigidity and structural strength equivalent to 13 ga. (2.4) channel type frames. Blades shall be of vee groove design, 16 ga. (1.6) galvanized steel, on maximum 6" (152) centers. Blade axes shall be 1/2" (13) dia. plated steel, double thru-bolted to blade at each end. Hex, square friction-fit or press-fit axes are not acceptable. Bearings shall be Celcon® molded synthetic type. Blade linkage shall be zero-maintenance, out of airstream and totally concealed within the frame. Provide each damper section with a hand locking quadrant for positive setting of blades at any position. Standard of acceptance shall be Nailor Industries (**specifier to select**) Model 1810 parallel blade or Model 1820 opposed blade manual balancing damper.