

# Submittal Data

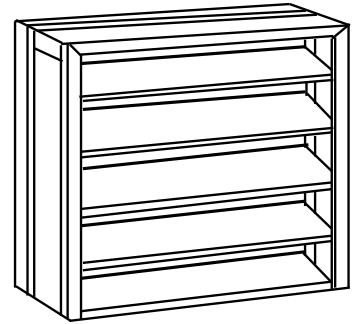
## Model EAL4DB Buckley Extruded Aluminum Louver Drainable Blade

### Standard Construction

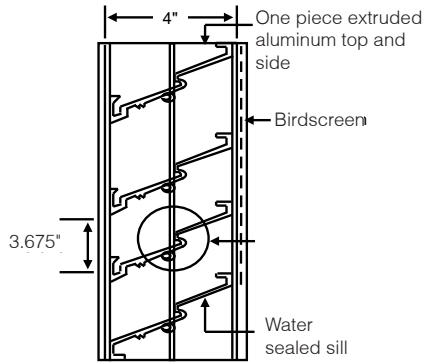
- + Mill or Bronze Finish
- + Birdscreen
- + 4" depth
- + 1" Flange or No Flange
- + .074 Extruded Aluminum Blades 6063-T5
- + .085 Extruded Aluminum Frame 6063-T5

### Options

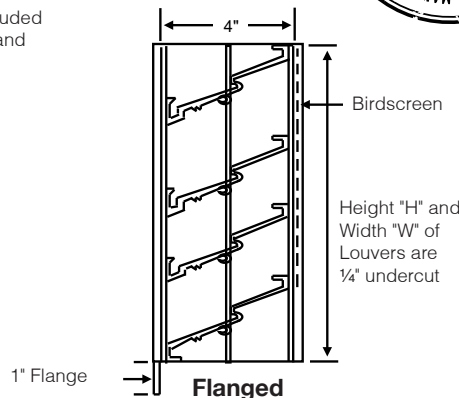
- + Insect Screen
- + Powder Coat Finishes



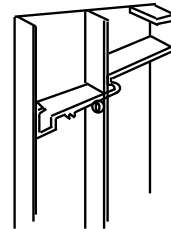
**Stormproof 4" Deep Stationary Blade at 40°**



**Non- Flanged**



**Flanged**

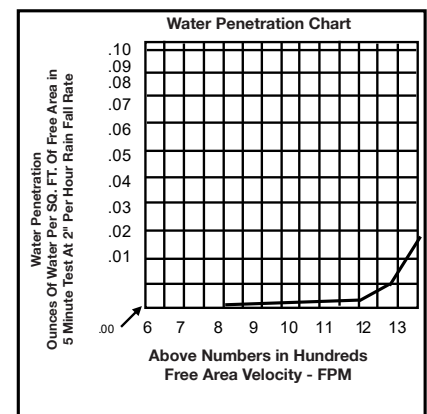
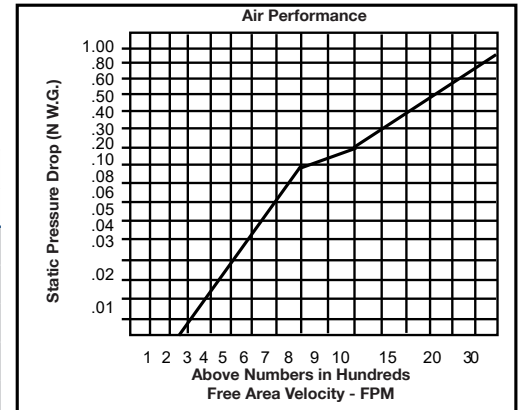


Rattle-Proof Construction. Blades are force-fitted into key slot shaped machine spaced support notches and individually upset and pierced into notch

### Free Area Chart

|                 |      | Width (Inches) |      |      |       |       |       |       |       |       |       |       |
|-----------------|------|----------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 |      | 12             | 18   | 24   | 30    | 36    | 42    | 48    | 54    | 60    | 66    | 72    |
| Height (Inches) | 12   | .20            | .32  | .44  | .56   | .67   | .79   | .91   | 1.03  | 1.14  | 1.26  | 1.38  |
|                 | 18   | .42            | .67  | .93  | 1.18  | 1.43  | 1.68  | 1.94  | 2.19  | 2.44  | 2.69  | 2.95  |
|                 | 24   | .63            | 1.00 | 1.38 | 1.75  | 2.12  | 2.50  | 2.87  | 3.24  | 3.61  | 3.98  | 4.37  |
|                 | 30   | .86            | 1.37 | 1.88 | 2.39  | 2.91  | 3.42  | 3.93  | 4.44  | 4.95  | 5.46  | 5.99  |
|                 | 36   | 1.09           | 1.74 | 2.38 | 3.03  | 3.69  | 4.33  | 4.98  | 5.63  | 6.28  | 6.93  | 7.61  |
|                 | 42   | 1.29           | 2.05 | 2.83 | 3.60  | 4.38  | 5.25  | 6.03  | 6.81  | 7.59  | 8.22  | 9.00  |
|                 | 48   | 1.52           | 2.42 | 3.33 | 4.24  | 5.15  | 6.06  | 6.97  | 7.81  | 8.72  | 9.63  | 10.61 |
|                 | 54   | 1.72           | 2.76 | 3.78 | 4.83  | 5.85  | 6.88  | 7.91  | 8.94  | 9.97  | 11.02 | 12.06 |
|                 | 60   | 1.91           | 3.05 | 4.19 | 5.34  | 6.48  | 7.62  | 8.76  | 9.90  | 11.04 | 12.20 | 13.38 |
|                 | 66   | 2.14           | 3.42 | 4.70 | 5.98  | 7.25  | 8.53  | 9.81  | 11.09 | 12.37 | 13.65 | 14.93 |
|                 | 72   | 2.35           | 3.75 | 5.16 | 6.56  | 7.96  | 9.37  | 10.77 | 12.17 | 13.57 | 14.95 | 16.39 |
|                 | 78   | 2.54           | 4.05 | 5.57 | 7.09  | 8.69  | 10.13 | 11.63 | 13.13 | 14.63 | 16.20 | 17.74 |
| 84              | 2.76 | 4.42           | 6.07 | 7.73 | 9.39  | 11.04 | 12.69 | 14.35 | 16.00 | 17.65 | 19.30 |       |
| 90              | 2.97 | 4.76           | 6.35 | 8.32 | 10.10 | 11.88 | 13.68 | 15.48 | 17.28 | 19.04 | 20.79 |       |
| 96              | 3.19 | 5.08           | 7.00 | 8.90 | 10.80 | 12.72 | 14.62 | 16.52 | 18.42 | 20.30 | 22.35 |       |

Sizing Louvers: CFM / FPM = FREE AREA



**Recommended maximum intake  
free area velocity 900 FPM**

*Buckley Associates, Inc.*

Manufactured by Buckley Associates, Inc, Hanover, Massachusetts  
Sheet Metal Union Local 17.

EAL4DB  
January 2020

