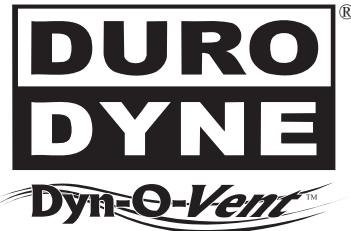


SUBMITTAL RECORD \_\_\_\_\_  
 JOB \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 SUBMITTED TO \_\_\_\_\_  
 SUBMITTAL PREPARED BY \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_  
 DATE \_\_\_\_\_



# Specification Form

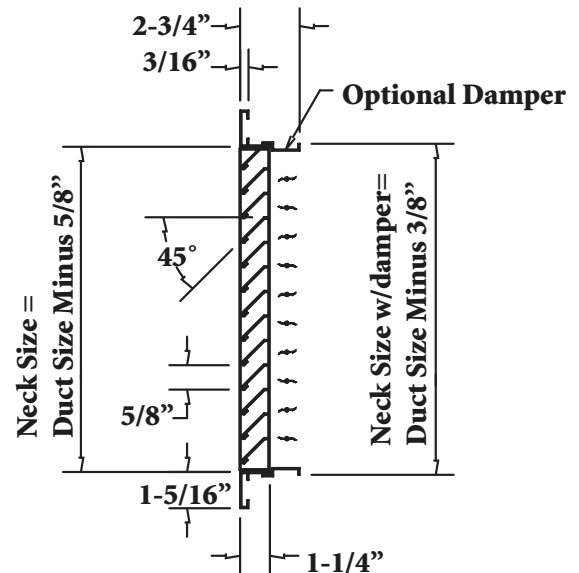
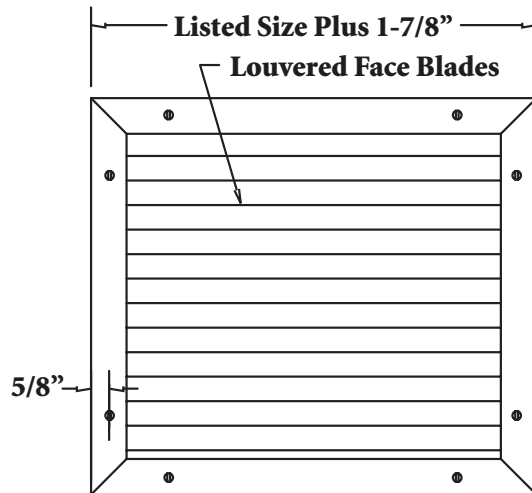
## ARAG

### ALUMINUM RETURN

### AIR GRILLE

#### FEATURES

- Extruded aluminum construction
- Horizontal bars permanently fixed into heavy aluminum frame
- Available in white durable finish



|                                                |              |                   |
|------------------------------------------------|--------------|-------------------|
| Duro Dyne East Division, Bay Shore, NY         | 631-249-9000 | Fax: 631-249-8346 |
| Duro Dyne Midwest Division, Fairfield, OH      | 513-870-6000 | Fax: 513-870-6005 |
| Duro Dyne West Division, Santa Fe Springs, CA  | 562-926-1774 | Fax: 562-926-5778 |
| Duro Dyne Canada, Lachine, Quebec, Canada      | 514-422-9760 | Fax: 514-636-0328 |
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# ARAG - ALUMINUM RETURN AIR GRILLE PERFORMANCE DATA

| Neck Vel. | FPM | 300  | 400  | 450  | 500  | 550  | 600  | 650  | 700  | 750  | 800  | 900  |
|-----------|-----|------|------|------|------|------|------|------|------|------|------|------|
| Neck Size | Ps  | 0.02 | 0.03 | 0.04 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.11 | 0.13 |
| 6 x 6"    | CFM | 50   | 70   | 75   | 85   | 95   | 100  | 110  | 120  | 125  | 135  | 155  |
| Ak = .17  | NC  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | 20   | 20   | 25   |
| 8 x 6"    | CFM | 65   | 90   | 100  | 110  | 120  | 130  | 145  | 155  | 165  | 175  | 200  |
| Ak = .22  | NC  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | 20   | 20   | 25   |
| 10 x 6"   | CFM | 85   | 115  | 130  | 145  | 160  | 175  | 190  | 205  | 220  | 230  | 260  |
| Ak = .29  | NC  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | 20   | 20   | 30   |
| 10 x 8"   | CFM | 120  | 160  | 180  | 200  | 220  | 240  | 260  | 280  | 300  | 320  | 360  |
| Ak = .40  | NC  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | 20   | 30   | 40   |
| 12 x 6"   | CFM | 108  | 145  | 160  | 180  | 200  | 215  | 235  | 250  | 270  | 290  | 325  |
| Ak = .36  | NC  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | 20   | 20   | 30   |
| 12 x 8"   | CFM | 145  | 190  | 215  | 240  | 265  | 290  | 315  | 335  | 360  | 385  | 430  |
| Ak = .48  | NC  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | 20   | 30   | 40   |
| 12 x 10"  | CFM | 185  | 245  | 275  | 305  | 335  | 365  | 395  | 425  | 460  | 490  | 550  |
| Ak = .61  | NC  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | 20   | 30   | 30   | 40   |
| 12 x 12"  | CFM | 220  | 295  | 335  | 370  | 405  | 445  | 480  | 520  | 555  | 590  | 665  |
| Ak = .74  | NC  | <20  | <20  | <20  | <20  | <20  | <20  | 20   | 30   | 30   | 30   | 40   |
| 16 x 16"  | CFM | 395  | 530  | 595  | 660  | 725  | 790  | 860  | 925  | 990  | 1055 | 1190 |
| Ak = 1.32 | NC  | <20  | <20  | <20  | 20   | 30   | 30   | 30   | 30   | 35   | 35   | 50   |
| 18 x 6"   | CFM | 165  | 220  | 250  | 275  | 300  | 330  | 360  | 385  | 415  | 440  | 495  |
| Ak = .550 | NC  | <20  | <20  | <20  | <20  | <20  | <20  | <20  | 20   | 30   | 30   | 40   |
| 18 x 10"  | CFM | 275  | 365  | 410  | 455  | 500  | 545  | 590  | 635  | 680  | 730  | 820  |
| Ak = .91  | NC  | <20  | <20  | <20  | <20  | <20  | 20   | 30   | 30   | 30   | 30   | 40   |
| 18 x 12"  | CFM | 335  | 450  | 505  | 560  | 615  | 670  | 730  | 785  | 840  | 895  | 1005 |
| Ak = 1.12 | NC  | <20  | <20  | <20  | <20  | 20   | 30   | 30   | 30   | 30   | 35   | 40   |
| 18 x 18"  | CFM | 520  | 690  | 780  | 865  | 950  | 1040 | 1125 | 1210 | 1295 | 1385 | 1550 |
| Ak = 1.73 | NC  | <20  | <20  | <20  | 20   | 30   | 30   | 30   | 35   | 35   | 35   | 40   |
| 24 x 12"  | CFM | 455  | 610  | 685  | 760  | 835  | 910  | 990  | 1065 | 1140 | 1215 | 1370 |
| Ak 1.52   | NC  | <20  | <20  | <20  | 20   | 30   | 30   | 30   | 35   | 35   | 35   | 40   |
| 24 x 18"  | CFM | 705  | 940  | 1055 | 1175 | 1290 | 1410 | 1525 | 1645 | 1765 | 1880 | 2115 |
| Ak 2.35   | NC  | <20  | <20  | <20  | 30   | 30   | 30   | 35   | 35   | 40   | 40   | 50   |
| 24 x 24"  | CFM | 945  | 1260 | 1420 | 1575 | 1735 | 1890 | 2045 | 2205 | 2365 | 2520 | 2835 |
| Ak = 3.15 | NC  | <20  | <20  | 30   | 30   | 30   | 35   | 35   | 35   | 40   | 40   | 50   |
| 30 x 12"  | CFM | 580  | 770  | 870  | 965  | 1060 | 1160 | 1255 | 1350 | 1445 | 1545 | 1735 |
| Ak = 1.93 | NC  | <20  | <20  | <20  | 30   | 30   | 30   | 30   | 35   | 35   | 40   | 50   |
| 30 x 18"  | CFM | 880  | 1170 | 1320 | 1465 | 1610 | 1760 | 1905 | 2050 | 2200 | 2345 | 2635 |
| Ak = 2.93 | NC  | <20  | <20  | 30   | 30   | 30   | 30   | 35   | 40   | 40   | 40   | 50   |
| 30 x 24"  | CFM | 1190 | 1590 | 1785 | 1985 | 2185 | 2380 | 2580 | 2780 | 2975 | 3175 | 3575 |
| Ak = 3.97 | NC  | <20  | <20  | 30   | 30   | 30   | 35   | 40   | 40   | 40   | 50   | 50   |
| 30 x 30"  | CFM | 1500 | 2000 | 2250 | 3500 | 2750 | 3000 | 3250 | 3500 | 3750 | 4000 | 4500 |
| Ak = 5.00 | NC  | <20  | 30   | 30   | 30   | 35   | 35   | 40   | 40   | 50   | 50   | 50   |
| 36 x 18"  | CFM | 1065 | 1420 | 1600 | 1775 | 1950 | 2130 | 2310 | 2485 | 2660 | 2840 | 3195 |
| Ak = 3.55 | NC  | <20  | <20  | 30   | 30   | 30   | 35   | 35   | 40   | 40   | 40   | 50   |
| 36 x 24"  | CFM | 1450 | 1935 | 2180 | 2420 | 2660 | 2905 | 3145 | 3390 | 3630 | 3870 | 4355 |
| Ak = 4.84 | NC  | <20  | 30   | 30   | 30   | 35   | 35   | 40   | 40   | 50   | 50   | 50   |
| 36 x 30"  | CFM | 1830 | 2440 | 2745 | 3050 | 3355 | 3660 | 3965 | 4270 | 4575 | 4880 | 5490 |
| Ak = 6.10 | NC  | <20  | 30   | 30   | 35   | 35   | 40   | 40   | 50   | 50   | 50   | 50   |
| 48 x 24"  | CFM | 1960 | 2610 | 2940 | 3265 | 3590 | 3920 | 4245 | 4570 | 4900 | 5225 | 5875 |
| Ak = 6.53 | NC  | <20  | 30   | 30   | 35   | 35   | 40   | 40   | 50   | 50   | 50   | 50   |
| 48 x 26"  | CFM | 2250 | 3000 | 3375 | 3750 | 4125 | 4500 | 4875 | 5250 | 5625 | 6000 | 6750 |
| Ak = 7.50 | NC  | <20  | 30   | 30   | 35   | 40   | 40   | 50   | 50   | 50   | 50   | 50   |
| 48 x 30"  | CFM | 2430 | 3240 | 3645 | 4050 | 4455 | 4860 | 5265 | 5670 | 6075 | 6480 | 7290 |
| Ak = 8.10 | NC  | <20  | 30   | 30   | 35   | 40   | 40   | 50   | 50   | 50   | 50   | 50   |

|                                                |              |                   |
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