



Builder's Best, Inc.
 201 Broiles Drive
 Jacksonville, TX 75766
 903-586-8283
 www.BuildersBest.com

SEMI-RIGID FLEXIBLE ALUMINUM AIR DUCT A300 R6 Insulated Thermofin®

DESCRIPTION

The A300 Thermofin® Air Duct is a UL® 181 Class 1 used as supply, return or exhaust. It features an aluminum core of T-Fin® semi rigid flexible duct wrapped in a layer of R6 insulation and an outer silver metalized jacket. Our factory crimp on the duct ensures smooth connections.



FEATURES

- Factory crimp on one end
- Uncompressed 8' lengths
- UL® 181 Labeled Class 1 Air Duct

SPECIFICATIONS

- Thermofin® A100 semi rigid corrugated spiral formed out of aluminum alloy
- 30° strength angles between ribs
- Mechanically locked together with continuous knurled leak proof "Acme" lock
- T-Fin® semi rigid flexible duct design allows for better stretching and bending characteristics which helps eliminate flattening on the outside radius of a bend, thus preventing restricted airflow.
- A100 is wrapped in a blanket of fiberglass R6 insulation with multi-layer silver metalized polyester outer jacket
- Outer jacket is silver reinforced "metalized" with scrim mylar vapor barrier
- Meets NFPA90a & 90b



BEND RADIUS

| Duct Diameter (inches) | Approximate Bend Radius (inches) |
|------------------------|----------------------------------|
| 4" | 3" |
| 6" | 4" |
| 8" | 5" |
| 10" | 6.5" |
| 12" | 8" |
| 14" | 9" |
| 16" | 10.5" |
| 18" | 11.5" |

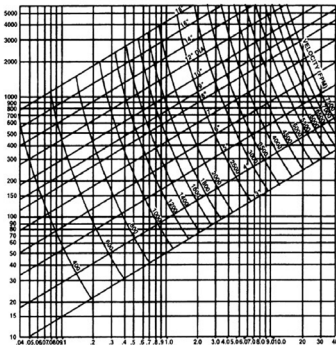
PART NUMBERS

**REGIONAL AVAILABILITY

**R4 and R8 discontinued December 2022

| Dia | Length | Each # | Qty | Case # | Pkg | UPC | Labeled | R6 disc. | R4 disc. | R8 disc. |
|-----|--------|--------|-----|--------|---------|--------------|---------|----------|----------|----------|
| 3" | 8' | na | | na | | | | 111320 | | 111661 |
| 4" | 8' | 12784 | 12 | 112784 | Bulk | 722048127845 | | 111321 | 111307 | 111662 |
| 5" | 8' | na | | na | | | | 111322 | 111308 | 111663 |
| 6" | 8' | 12786 | 6 | 112786 | Bulk | 722048127869 | | 111323 | 111309 | 111664 |
| 7" | 8' | na | | na | | | | 111324 | 111310 | 111665 |
| 8" | 8' | 12788 | 4 | 112788 | Bulk | 722048127883 | | 111325 | 111311 | 111666 |
| 9" | 8' | na | | na | | | | 111326 | 111312 | 111667 |
| 10" | 8' | 12790 | 4 | 112790 | Bulk | 722048127906 | | 111327 | 111313 | 111668 |
| 12" | 8' | 12791 | 3 | 112791 | Bulk | 722048127913 | | 111328 | 111314 | 111669 |
| 14" | 8' | 12792 | 2 | 112792 | Bulk | 722048127920 | | 111329 | 111315 | 111670 |
| 16" | 8' | 12793 | 1 | 112793 | Ind Box | 722048127937 | • | 011330 | 011316 | 011671 |
| 18" | 8' | 12794 | 1 | 112794 | Ind Box | 722048127944 | • | 011331 | 011317 | 011672 |
| 20" | 8' | na | | na | | | | 011332 | 011318 | 011673 |

AIRFLOW



PERFORMANCE DATA

- Pressure rating:
 Maximum positive and negative
 12" w.g. - 4" thru 10" diameters
 8" w.g. - 12" thru 18" diameters
- Maximum velocity: 5,000 FPM
- Operating Temp. range: -100°F to +250°F
- Flame Spread: less than 25
- Smoke Developed: less than 50
- Insulation: R6
- Vapor Barrier Moisture Resistance:
 .05 perms

INSTALLATION: Air duct connections and joints shall be made per installation instructions outlined by Builder's Best and as required by UL® 181 listing procedure. (Installation instructions are included inside each carton.)

LABELS



WARRANTY

Complete Warranty Statement at <https://www.buildersbest.com>