

ULTRA-DUCT

THE BEST CHOICE FOR RV AIR CONDITIONING DUCTS

MORE EFFICIENT ...

ULTRA-DUCT Blocks Heat Intrusion With 99% PURE ALUMINUM INSIDE AND OUT!

HIGH CAPACITY ...

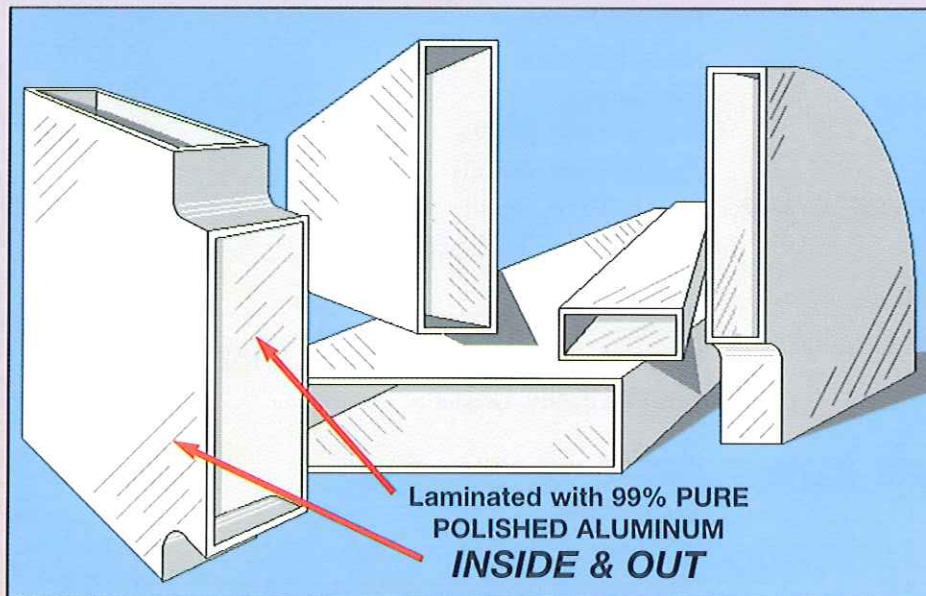
2" x 8" ULTRA-DUCT will handle *11.4% MORE AIR FLOW! Walls that are 25% thinner, yet stronger by far!

MORE STANDARD SIZES and SHAPES ...

CHOOSE FROM DOZENS of Stock Corners, Tees, Straights and Caps.

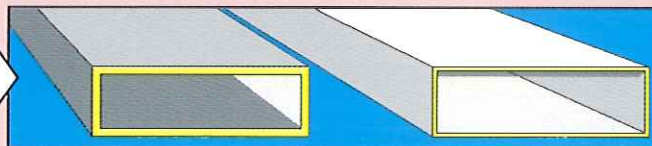
CUSTOM SIZES and SHAPES NO PROBLEM ...

Mail or FAX Us Your Drawings. We'll Get Back To You With PRICE AND DELIVERY IN HOURS, NOT WEEKS!



*Compare **ULTRA-DUCT** with a competitive foam/foil structure:

The **COMPETITION**



ULTRA-DUCT

Total Cross Section Area: $(2" \times 8") = 16.0 \text{ in}^2$
 Wall Thickness: $1/4"$
 Total Wall Cross Section: $1/4" \times 20" = 5.0 \text{ in}^2$

Only 11.0 in² Remains for Moving Air!

Total Cross Section Area: $(2" \times 8") = 16.0 \text{ in}^2$
 Wall Thickness: $3/16"$
 Total Wall Cross Section: $3/16" \times 20" = 3.75 \text{ in}^2$

12.25 in² Remains for Moving Air!
11.4% MORE THAN the competition!

ULTRA-DUCT

TECHNICAL DATA

PRODUCT DESCRIPTION:

Aluminum foil / 42# kraft / polystyrene foam / 42# kraft / aluminum foil.
Kraft layers are mounted to the foam by a heat extrusion process.

COMPONENTS DESCRIPTION:

FOIL:	Boiling Point:	3733 ^o F
	Melting Point:	1220 ^o F
KRAFT	Emissivity:	.03
	Flammable Limits:	0.04 oz/ft ³
POLYSTYRENE CORE:	Flash Point (kraft)	450 ^o
	Meets FDA Spec:	Title 21, CFR177.160
	Tensile ASTM D638:	Modulus, 10 ³ psi 480 GPa 3.31
	Elongation:	1.5% at break
	Vicat Softening Point ASTM D1525:	200 ^o F - 93 ^o C
	Flammability Class:	UL94, 94HB
STRUCTURE DATA:	FMVSS-302 Flame Test:	Passed
	Burn Rate:	IBE
	Intrinsic R-Value:	R-1
	Downward heatflow with airspace:	R-14.3*
	Foil Surface Reflectivity:	97%

*Approximate using ASHRAE Calculation Model

INNOVATIVE ENERGY 10653 West 181st Ave., Lowell, IN 46356
1-800-745-3645 FAX 219-696-5220