



R-VALUE R 4.2

R-VALUE 6.0

R-VALUE 8.0

## MOBILE HOME 903 SERIES

All thermal performance (R-Values) are classified by ETL ( Entertek Laboratories ) in accordance with ADC Flexible Duct Performance and Installation Standards. Using ASTM C-518 (1991), at installed wall thickness, on flat insulation only.

### Construction

**Air Tight Inner Core:** Double lamination of strong polyester encapsulates a steel wire helix.

**Insulation:** Formaldehyde- free Multi-thicknesses (R4,R6,R8) wraps the double layer inner core. Mold and mildew resistance. ECOSE non petroleum base binding Technology.

**Jacket:** Black heavy Polyethylene jacket that complies with HUD Requirements for outdoor mobile or modular home use.

### Product Description

Royal Metal Flexible Duct Conforms to U.L. standard 181 for Class 1 Flexible Air Ducts, and is manufactured with a durable black polyethylene jacket. This product complies with HUD requirements for outdoor mobile or modular home installations. The three products have an air-tight inner core designed to operate at medium to low pressures in HVAC systems. The product is insulated to meet geographic building code requirements. Narrow wire spacing on core allows for low friction loss and low operating cost. Insulation Formaldehyde free, mold and mildew resistance with ECOSE Technology prevents itching when installing.

### Application and compliances

Product is designed for as a supply or return air duct connecting a self contained HVAC system to the main air duct of a mobile home or modular home. A complete system and or branch duct when a horizontal or upflow HVAC system is used in a mobile or modular home. May also be used as a crossover air duct to join the main air ducts of a doublewide mobile or modular home. All three R values can be used to complete air duct systems', branch duct, connecting to mixing boxes, diffusers, room inlets, or other devices. R factor requirements are determined by geographic building codes. UL 181, NFPA 90A & 90B HUD 3280.715, HUD 515-2.1.



**Packaging:** Product available in box or bags.  
**Available Size:** 4,5,6,7,8,9,10,11,12,14,16,18,20,inches.  
**Standard:** ETL listed/Approved to UL 181

## Performance Data

**Conforms to U.L. Standard 181**

**Intertek Testing Service**

<b>Max. Rated Velocity</b>	<b>5500FPM</b>
<b>Max. Rated Positive Pressure</b>	<b>10in. W.G. 4" thru 20" ID</b>
<b>Max. Rated Negative Pressure</b>	<b>3/4in. W.G. 4" thru 20"ID</b>

**See installation instructions for joint treatments**

<b>Flame Spread</b>	<b>25 Max.</b>
<b>Smoke Developed</b>	<b>50 Max</b>
<b>Temperature Range</b>	<b>-20 Deg F 250 Deg F cont.</b>

**Code Compliance: NFPA 90A and 90B, UL181 HUD 3280.715, HUD 515-2.1**