



### R-73 ( AA-11 'Archer' ) Air-to-Air Missile

**SERIES**  
**RUSSIAN**  
**POWER**

<b>Name</b>	<b>R-73 (AA-11 'Archer')</b>
<b>Country</b>	<b>Russia</b>
<b>Contractor</b>	<b>Vympel</b>
<b>Date Deployed</b>	<b>1980s</b>
<b>Range</b>	<b>20 km (R-73M1) 30 km (R-73M2) 40 km</b>
<b>Propulsion</b>	<b>One solid-propellant rocket motor</b>
<b>Speed</b>	<b>Mach 2.5</b>
<b>Guidance</b>	<b>All aspect Infrared</b>
<b>Warhead</b>	<b>7.4 kg HE expanding rod warhead</b>
<b>Launch Weight</b>	<b>105 kg (R-73M1) 115 kg (R-73M2)</b>
<b>Length</b>	<b>2.9 m</b>
<b>Diameter</b>	<b>170 mm</b>
<b>Fin Span</b>	<b>0.51 m</b>
<b>Carried by</b>	<b>Su-27, Su-33, Su-34, Su-35, Su-37, MiG-29, MiG-31, MiG-33, Yak-141, Ka-50, Ka-52</b>

