




Technical Bulletin 115-Condensing Water Heater Combustion Air Intake Pipe Material

The purpose of this technical bulletin is to clarify that ABS schedule 40 pipe is approved for use on the combustion air intake pipe and fittings for Rinnai Condensing Tankless Water heaters.

Combustion Air and Exhaust Vent Materials			
Item	Material	Standard for Installation in North America	
		United States	Canada
Thermoplastic Piping Materials			
Combustion air intake pipe & Fittings	PVC schedule 40	ANSI/ASTM D1785	Intake pipe may be of any material listed.
	ABS schedule 40	ANSI/ASTM D2661	
	CPVC schedule 40	ANSI/ASTM F441	
Exhaust vent pipe & Fittings	PVC schedule 40	ANSI/ASTM D1785	Thermoplastic vent pipe must be certified to ULC S636.
	PVC-DWV	ANSI/ASTM D2665	
	CPVC schedule 40	ANSI/ASTM F441	
PVC pipe cement & primer	PVC	ANSI/ASTM D2564	
	CPVC	ANSI/ASTM F493	
IPEX bird screens (purchase separately)			
Termination Vent Screens	Polyethylene	3" Vent screen: IPEX part # 196051; 4" Vent screen: part #: 196052 (Screens are friction fitted inside termination fitting bells.)	

Foil wrapped dryer vent, Cellular Core, Radel, and galvanized materials are not authorized.

 WARNING	DO NOT use Cellular Core PVC/CPVC or Radel for venting exhaust. Use of these materials for exhaust may result in property damage, personal injury, or death.
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