# SECTION 07724 (07 72 13)

## RA PREFABRICATED CURBS

1. GENERAL
	1. SECTION INCLUDES
		1. Pre-fabricated curbs.
	2. RELATED SECTIONS
		1. Division-7 roofing and roofing accessory sections.
		2. 15830-Fans.
		3. 15855-Penthouse Ventilators.
	3. SUBMITTALS
		1. Submit complete shop drawings showing sizes, materials, and details of construction.
	4. QUALITY ASSURANCE
		1. Units shall meet or exceed the requirements and quality of the items as indicated.
	5. SPECIAL WARRANTIES
		1. By Membrane Producer: Provide a 20 year Special Warranty from the roof membrane producer covering correction of defects in the prefabricated curbs component of the Roof Assembly.
		2. By Producers) of Prefabricated Curbs: Provide a 10 year Special warranty in which the producer(s) of the prefabricated curb agree to correct defective curbs.
			1. See 07500 for full list of requirements that shall be included in this Special Warranty (that will accompany the Roof Assembly Special Warranty).
			2. At the time of project closeout, submit this signed Special Warranty to the roof membrane producer, signed by each producer of prefabricated curbs, for transmittal to Contractor, A/E and Board.
2. PRODUCTS
	1. MANUFACTURERS
		1. Manufacturer: Subject to compliance with the specified requirements, provide products by the following manufacturer:
			1. Jenn-Air Corp. (Basis of Design)
			2. Pate Company
			3. S and L Manufacturing Co.
			4. Thybar Corporation; Thycurb Div.
			5. Greenheck Model GPI
			6. Advance
			7. National
			8. Tecta America
	2. MATERIAL AND FABRICATION
		1. Shall conform to Florida Building Code (FBC) High Velocity Hurricane Zones (HVHZ).
		2. Units shall be sized to accommodate mechanical equipment.
		3. Provide completely assembled, pre-fabricated curbs, fabricated of minimum 18 gauge galvanized steel with continuously welded seams, 2 inch flashing flange, 4 inch minimum deck flange, 1 inch insulation for full height of curb and around inside perimeter of curb. Roof curb shall be a minimum of 2 inches smaller than the fan to allow for the roof flashing membrane.
		4. For new construction only, curb height shall be 18 inches above finished roofing, with reinforced fastening return at top.
		5. Provide insulation around inside perimeter of curb, full height.
		6. Curb Extension: Prefabricated curb extension possessing a NOA shall use the same gauge as on the roof curb. For an engineered curb extension, a minimum 12 gauge galvanized steel curb extension shall be provided.
3. EXECUTION
	1. INSTALLATION
		1. Units shall be positioned on roof deck at openings and securely anchored to structural elements at openings in compliance with design loads shown on the Contract Documents and the FBC High Velocity Hurricane Zones (HVHZ).

END OF SECTION