

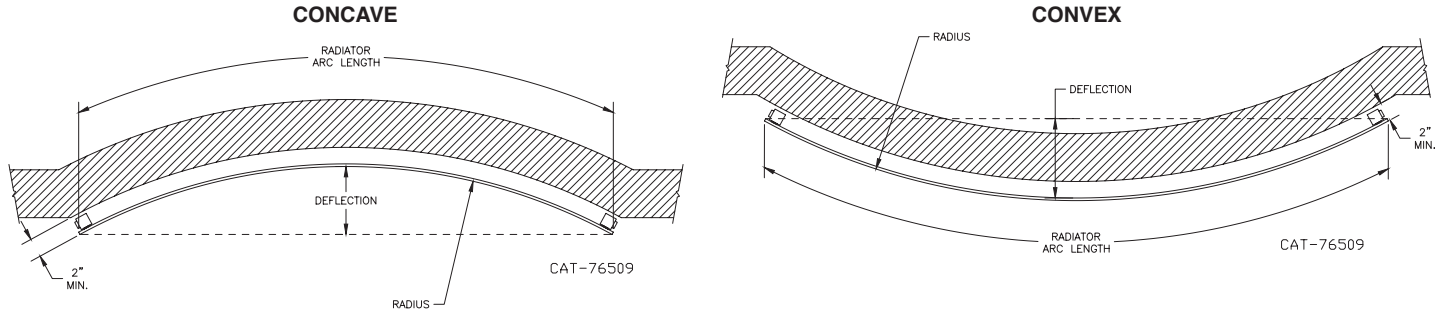
# FIELD CURVED PANEL RADIATOR

Submittal

PRFIG-1

## Specification

(Standard Pressure PR or PRF Panels Only)



Tag No	Quantity	Radiator Model	Radiator Arc Length	Radius	Concave/Convex	Deflection	Connections	Color

MINIMUM RADIATOR LENGTHS SHOWN (Maximum length is 20'-0")

		RADIUS					
		15'	16'	17'	18'	19'	20'
	TUBES	MAXIMUM RADIATOR LENGTHS					
	1	15'	15'	14'	14'	14'	12'
PR	2	15'	15'	14'	14'	14'	12'
PANELS	3	15'	15'	14'	14'	14'	12'
	4	15'	15'	14'	14'	14'	12'
NO FINS	5	15'	15'	14'	14'	14'	12'
	6	15'	15'	14'	14'	14'	12'

MINIMUM RADIATOR LENGTHS SHOWN (Maximum length is 20'-0")

		RADIUS					
		15'	16'	17'	18'	19'	20'
	TUBES	MAXIMUM RADIATOR LENGTHS					
	1	16'	16'	15'	15'	15'	14'
PRF	2	16'	16'	15'	15'	15'	14'
PANELS	3	16'	16'	15'	15'	15'	14'
WITH FINS	4	16'	16'	15'	15'	15'	14'

**NOTES:**

- It is recommended to have a minimum of three (3) persons available for installation of field curved radiators.
- When curving to a radius of less than 20 feet, the radius of the radiator ends will vary slightly from the radiator as a whole. Care in job planning and flexibility in radiator piping are essential.
- Perforated grilles are not available.

**ORDERING:**

- The radiator must be ordered by the Arc length.
- All field curved radiators require clip or strap mounting.
- Specify additional mounting hardware (wall or side mount pedestals). Double the standard number of mounting locations and deduct one (IE: A straight 20'-0" panel takes 7.  $7 + 7 = 14$   $14 - 1 = 13$  mounting locations (6 additional).
- Lockdown brackets are advised for all curved radiator installations; a minimum of one on each end with one in the middle.



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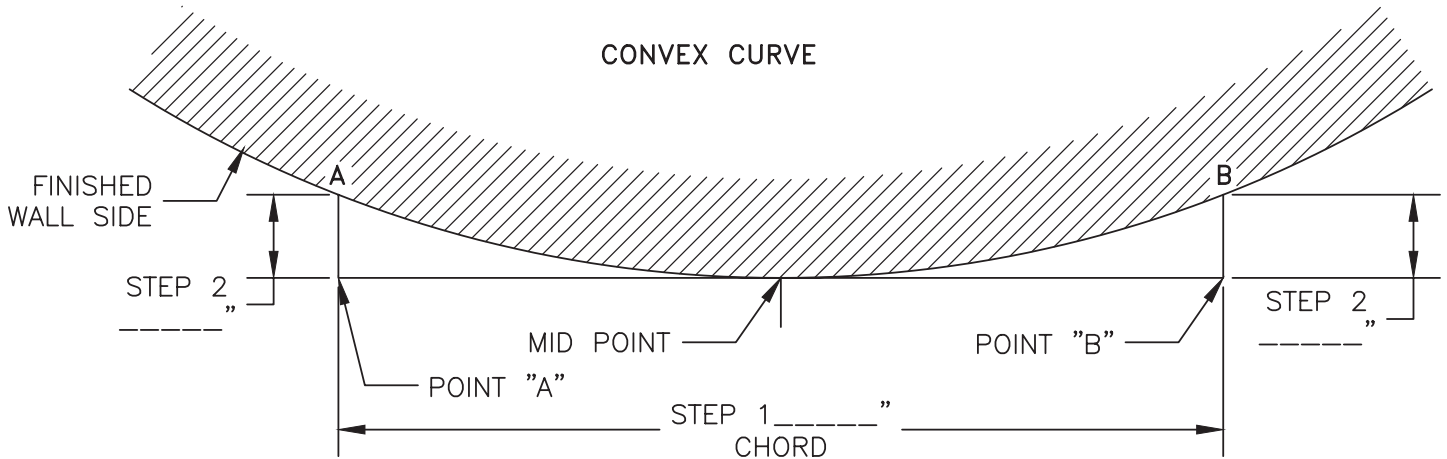
ENGINEER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

PO NUMBER: \_\_\_\_\_

## CURVE LAYOUT

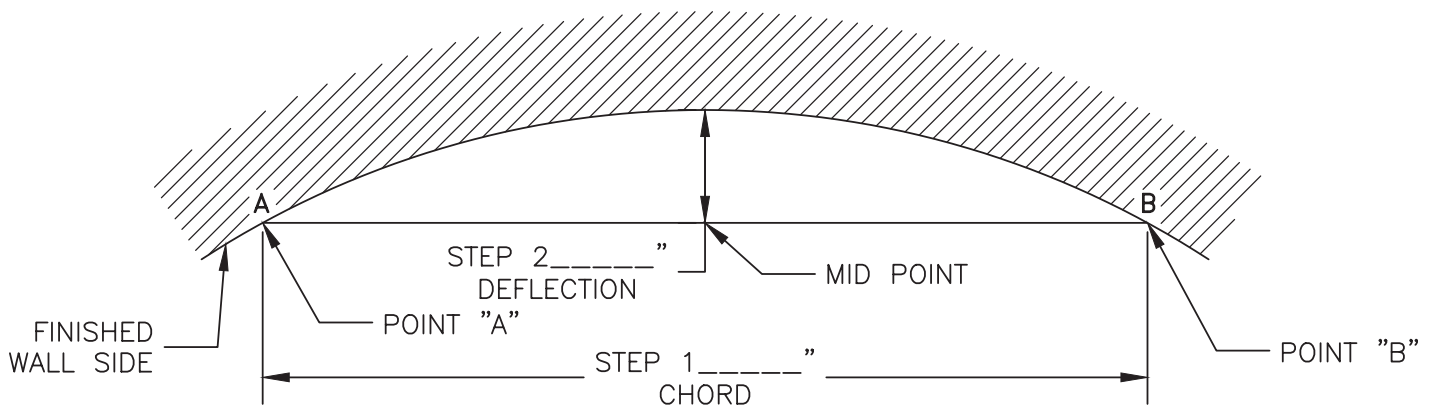
FIELD MEASURING PROCEDURE FOR FINDING A FINISHED WALL RADIUS  
MODELS PR (UP TO 6 TUBES) AND PRF (UP TO 4 TUBES) ONLY



### CONVEX CURVE

1. DRAW A STRAIGHT LINE FROM POINT "A" TO POINT "B" HAVING THE MID-POINT TOUCHING THE WALL. MEASURE THE LINE LENGTH AND FILL IN STEP 1.
2. DRAW A PERPENDICULAR LINE FROM THE A-B LINE END POINTS TO THE WALL. MEASURE THE LINE LENGTHS AND FILL IN STEP 2.
3. MEASURE THE ARC LENGTH (THE RADIATOR LENGTH) FROM POINT A TO B.

### CONCAVE CURVE



### CONCAVE CURVE

1. DRAW A STRAIGHT LINE FROM POINT "A" TO POINT "B" TOUCHING THE WALL. MEASURE THE LINE LENGTH AND FILL IN STEP 1.
2. FIND THE MID POINT ON THE A-B LINE AND DRAW A LINE PERPENDICULAR TO THE WALL. MEASURE THE LINE LENGTHS AND FILL IN STEP 2.
3. MEASURE THE ARC LENGTH (THE RADIATOR LENGTH) FROM POINT A TO B.

### GENERAL NOTES

1. MEASUREMENTS ARE TO THE "FINISHED" SIDE OF THE WALL.
2. WALL CONTOUR TO BE OF A "CONTINUOUS UNINTERRUPTED RADIUS".
3. CONSTRUCTION LINES ARE TO BE PERPENDICULAR TO EACH OTHER.
4. PR2, PR2F, PR3F MODELS NOT AVAILABLE.
5. CONTACT FACTORY FOR HEIGHTS AND LENGTHS AVAILABLE.

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