

EST. 1993

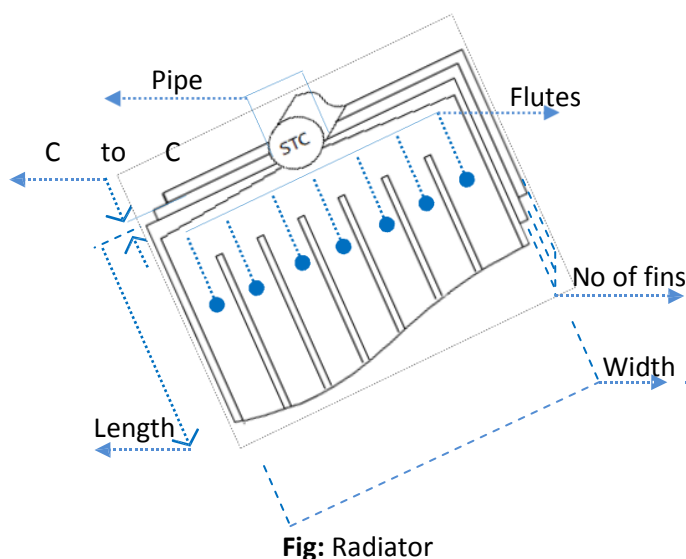
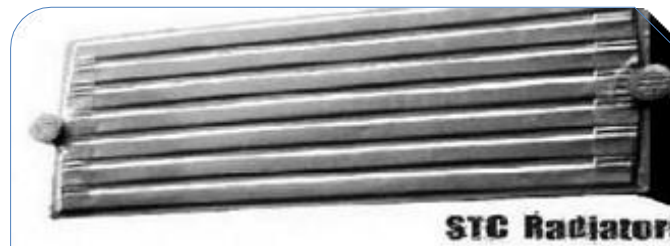
STC RADIATORS

Transformers cooling solutions



Expertise in Radiator Manufacturing Exclusively for Electric Transformers

Established in the year **1993** 'STC' is one of the leading manufacturers of 'RADIATORS' for Power and Distribution Transformers. Since then it is continuously growing to update its Product in Terms of Technology & Quality for Transformer Manufacturers.



STC has excellent facilities extending over a built up area of 10,000 sqft for exclusive fabrication of Transformer Radiators. The unique designs lead to optimum heat dissipation and corrosion protection in harsh, tropical, coastal and other adverse environments. Besides standard products, we also design and manufacture customized pressed steel radiators, tanks & panels to meet client's special requirements.

Product Design

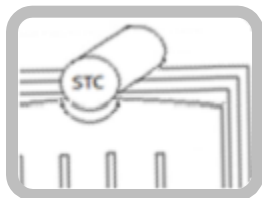
Description	Details
Width (mm)	226 303 380 520
Flutes	3-226, 4-303, 5-380, 7-520
Pipe Dia	75/ 90
C to C Distance	50 mm
No of fins	(n) As per specification
Length	(l) As per specification

We are continuously engaged in the process of improvisation and upgradation of our products. Our quality radiators are a result of thorough research and customer's feedback and suggestions. Being a customer oriented and quality conscious firm, we devote complete attention to the attributes of our impeccable radiators. Each and every radiators manufactured are subject to all tests as specified in IEEMA Standards



The cooling sections are made from 1.25 mm thick CRCA steel strips of drawing quality, in widths of 226 mm, 300 mm and 520 mm. Each radiator is made-up of a number of sections spaced at 50 mm centres, the number to be determined by the transformer manufacturer depending upon the heat to be dissipated and the maximum allowable oil excess temperature. The radiators are generally made with number of sections varying form 3 to 30. Radiators with higher number of sections can also be manufactured against specific requirements. Tables detailing the heat transmission data, the surface area, oil content and weight per section for different lengths, will be furnished on request.

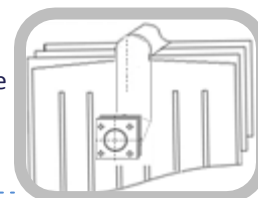




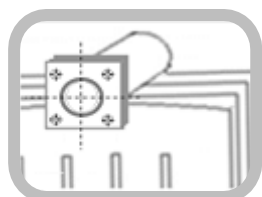
Weldable

This is the most common cooler, composed of 2 straight collector tubes and the series of panels.

Composed of 1 straight lower tube and 1 upper tube swan-neck and the series of lowered panels and largest panels.



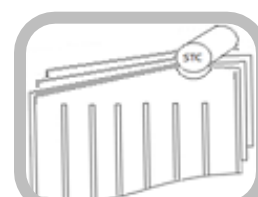
Swan Neck



Flange Type

This is also the most common cooler, composed of 2 straight collector tubes with MS Flange at the end and the series of panels.

These are radiators where the collector tubes are mounted with an offset on the right or on the left of the panels.



Off set

Our Quality Policy

We promise..

To perform beyond customer expectations.

To assume leadership in business through proactive customer services. To achieve excellence in business through continual improvement.

To create long term relationship.

To provide products and services of exceptional values.



SPECIFICATIONS	DETAILS
Sheet Thickness	1 to 1.2mm Thick CRCA D grade
Fin Width	226 mm 303mm 380mm 520mm
Fin Length	1500 mm to 2000mm
Manufacturing Standard	IEEMA 1999: 9 Standard
Fin to Fin Center Distance	50mm (standard) or to specification
Header pipe	90/75mm (1 to 2 mm Thick)
Bracing Straps	(As per your requirement) – MS Flat
Standard test	2.kg/cm2 for 15 -30 minutes
Inside Surface	Treated with air dry varnish
Outside Surface painting	Zinc Chrome red oxide (std)
Packing	According to your requirement
Other Enamel paint	According to your specification (LT Grey, DA Grey, Polyurethane, etc)
Type	Weldable/Flange/Swan type /Offset radiators
Flange	12mm / X mm Machined Flange
Accessories	Lifting Hook, Air Release plug, Drain plug Nylon/Nitrile Rubber Washer

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