

Crown-Approved Vented Canister Products



As current equipment configurations escalate the need for improved airflow in enclosed spaces, Crown has reviewed additional vented concealment canister options in anticipation of increased utilization of these types of solutions.

The following pages contain information regarding the product lines that have been reviewed for general acceptability for installation on Crown's towers in terms of quality, safety, and longevity.

Current equipment configurations now include items that used to be mounted on the ground, such as remote radio units (RRUs), which reduces the space inside the canister and increases overall power usage. The cumulative effect of these components may cause overheating, alarm triggers, and/or customer equipment shut down. To aid in the prevention of these scenarios, the customer is responsible for the design and operation of their equipment configurations which may include performing heat calculations to ensure their equipment will operate safely after being installed.

Some highlights of the process as follows:

- The customer is responsible for identifying any heat dissipation measures needed and communicating those requirements to their Crown primary point of contact during the order process.
- If the customer would like to use one of the options in this brochure to accommodate their equipment, the customer should inform their Project Delivery Project Manager at the time of order entry to minimize any disruption in the order process.
- The request to use a vented shroud should be identified prior to completion of the structural analysis (SA) for accurate loading impacts. If this information is provided after the original SA, a re-run of the SA will be required because vented shrouds typically increase wind loading and consume capacity.
- The customer is financially responsible for the new vented shroud and installation.

Contact information for each manufacturer can be found below in the event the customer would like to reach out for assistance with thermal analysis or to discuss the product further, prior to selecting a canister for order entry.

The customer may also choose to give Crown a blanket approval of the below canister types, to be selected by the Crown Modification Project Manager based on cost and lead time.

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Allfasteners

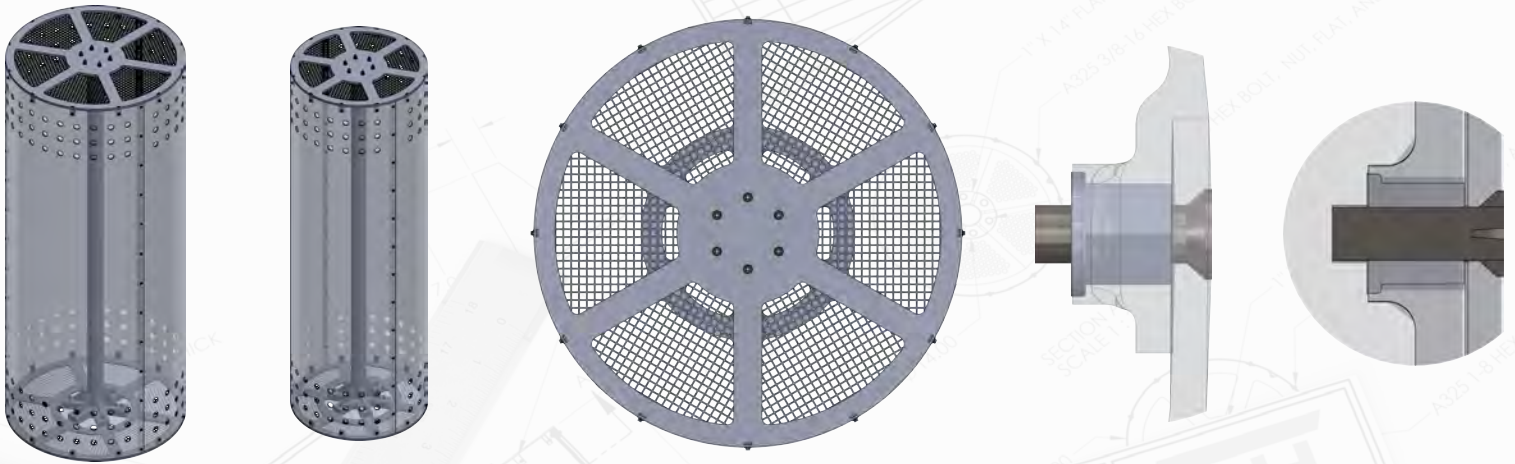
Attn: Bruce Carmichael
estimates@allfasteners.com
888-859-6060
allfasteners.com

TNH Development

Attn: Tom Borst
Sales@TNHDev.com
800-916-1503
www.TNHDev.com

Ehresmann Engineering

Attn: Eric Taylor
info@ehresmannengineering.com
605-665-7532
www.ehresmannengineering.com



PRODUCT SUMMARY

We are experts in high-performance canisters specifically designed for telecommunication applications. Our specialty is fabricating canisters to stay ahead of telecommunications ever changing needs. Innovative design, easy install, fastest delivery dates and low cost.

MAXIMIZE AIRFLOW

Vented top and bottom steel bulkheads to keep radios running as cool as possible.

Additional venting configuration options throughout the fiberglass to maximize airflow.

MODULAR HIGH-STRENGTH PRECISION DESIGN

Our overlap seam with 1/2" imbedded nut every 12" creates connection strength many times that of all competitors.

Our 12" long precision molds make each panel connection pattern identical and easily installed and/or replaced if needed.

We have numerous high-precision 12' molds. OD widths are 3'-0", 3'-6", 4'-0", 4'-6", 5'-0", 5'-6", 6'-0", 6'-6", 7'-0", 7'-6", 8'-0". Radomes can be fabricated and cut to any size 12' and under and extended indefinitely when stacked in 12' sections.

MODULAR HIGH-STRENGTH PRECISION DESIGN

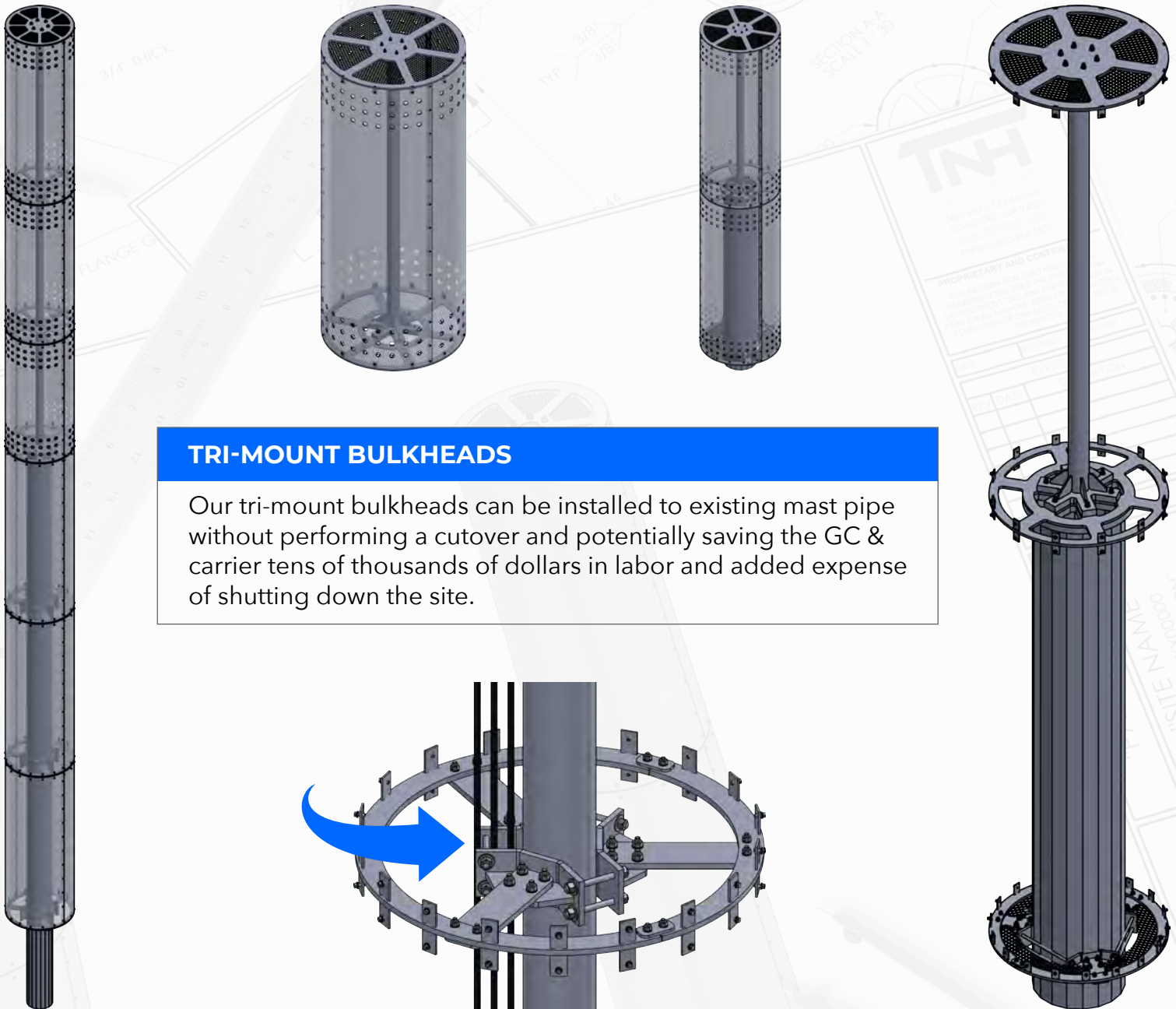
TNH36W120H = 3'-0" Wide X 10'-0" High

TNH48W144H = 4'-0" Wide X 12'-0" High

TNH(36W, 42W, 48W, 54W, 60W, 72W, 84W, 96W) & (72H-144H)

SIMPLIFIED DESIGN

With 100s of successful hands-on canister installs; TNH has a well thought through top-down / bottom-up approach to design, fabrication, and fast delivery of our vented canisters. TNH offers simplified design for easy installation with fast delivery at a fair price.



TRI-MOUNT BULKHEADS

Our tri-mount bulkheads can be installed to existing mast pipe without performing a cutover and potentially saving the GC & carrier tens of thousands of dollars in labor and added expense of shutting down the site.