



# — MODEL — **TH Series** Test Headers



- Manufactured in Accordance with NFPA 20 Requirements
- Developed for UL/FM Approved Fire Systems
- Available in sizes 4", 6", 8" and 10"
- Designed to allow 250 gpm per test connection
- Use with Cla-Val HV-100-25 Hose Valves



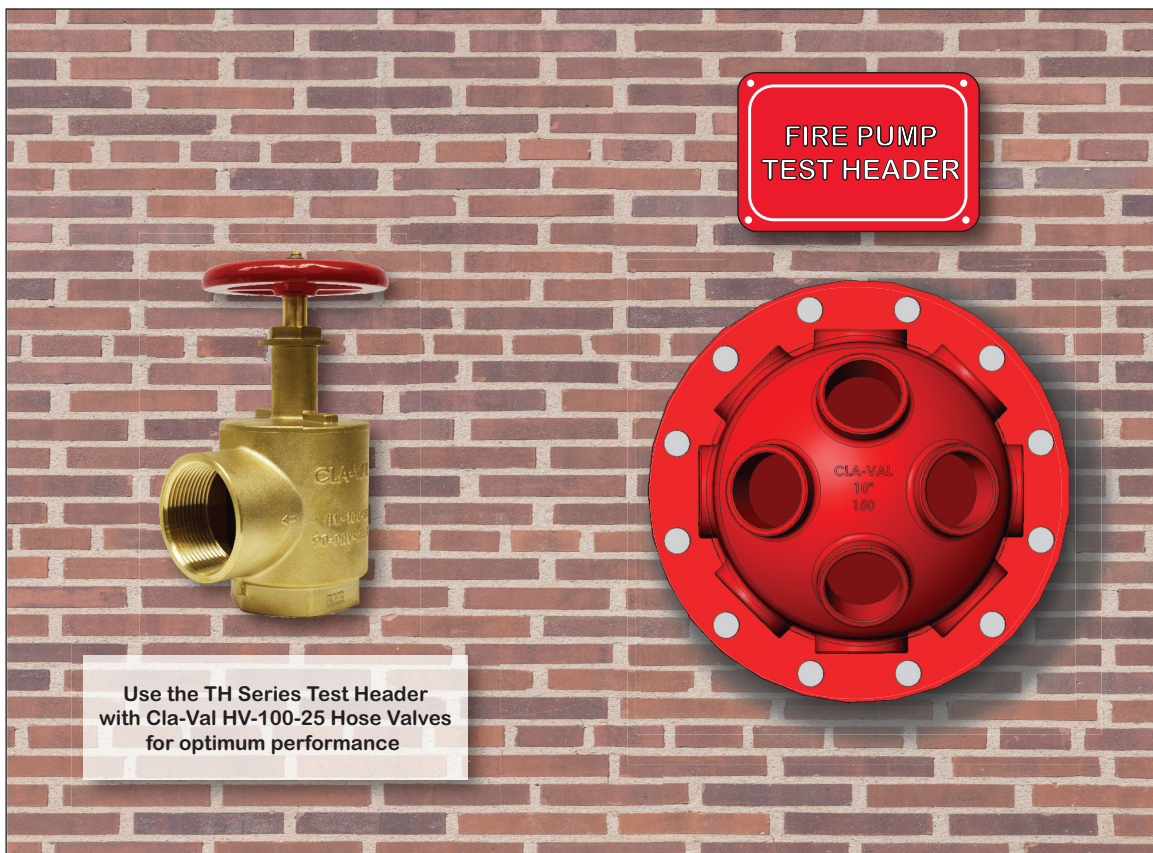
#### Specifications

- Fusion Bonded Red Epoxy Coated
- Ductile Iron - ASTM A536-65
- Single Body Casting (No Welding)

#### Flanges

- 150# Class (FF Standard)
- 300# Class (RF Standard)
- Grooved Ends

**Typical Application: Fire Pump Test Connections**



## TH Series Test Header Dimensions

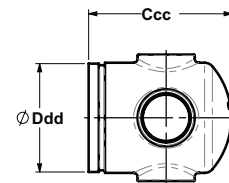
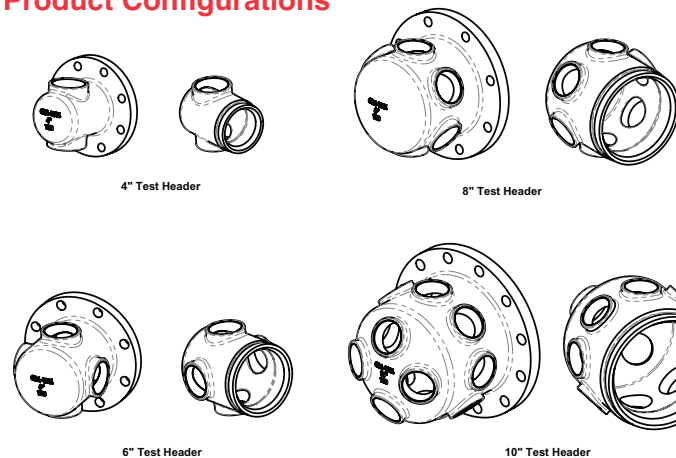
| Size<br>(inches) | Pressure<br>Class | ØA<br>(B,C,D) | B             |           | C     | Cc    | Ccc   | ØD    | ØDd   | ØDdd          | E             |            | F                           |                   | Weight<br>(lbs.) |
|------------------|-------------------|---------------|---------------|-----------|-------|-------|-------|-------|-------|---------------|---------------|------------|-----------------------------|-------------------|------------------|
|                  |                   |               | # of<br>Holes | Ø<br>Hole |       |       |       |       |       |               | # of<br>Ports | NPT        | # of<br>Ports<br>(10" only) | NPT<br>(10" only) |                  |
| 4                | 150lb Flat Face   | 7.500         | 8             | .750      | 7.16  | -     | -     | 9.00  | -     | -             | 2             | 2 1/2" - 8 | -                           | -                 | 22               |
|                  | 300lb Grooved     | -             | -             | -         | -     | -     | 7.16  | -     | -     | 4.545/4.469   | 2             | 2 1/2" - 8 | -                           | -                 | 12               |
| 6                | 150lb Flat Face   | 9.500         | 8             | .875      | 8.80  | -     | -     | 11.00 | -     | -             | 4             | 2 1/2" - 8 | -                           | -                 | 34               |
|                  | 300lb Raised Face | 10.625        | 12            | .875      | -     | 9.24  | -     | -     | 12.50 | -             | 4             | 2 1/2" - 8 | -                           | -                 | 50               |
|                  | 300lb Grooved     | -             | -             | -         | -     | -     | 8.80  | -     | -     | 6.688/6.594   | 4             | 2 1/2" - 8 | -                           | -                 | 20               |
| 8                | 150lb Flat Face   | 11.750        | 8             | .875      | 10.06 | -     | -     | 13.50 | -     | -             | 6             | 2 1/2" - 8 | -                           | -                 | 56               |
|                  | 300lb Raised Face | 13.000        | 12            | 1.000     | -     | 10.56 | -     | -     | 15.00 | -             | 6             | 2 1/2" - 8 | -                           | -                 | 79               |
|                  | 300lb Grooved     | -             | -             | -         | -     | -     | 10.06 | -     | -     | 8.688/8.594   | 6             | 2 1/2" - 8 | -                           | -                 | 33               |
| 10               | 150lb Flat Face   | 14.2250       | 12            | 1.000     | 12.22 | -     | -     | 16.00 | -     | -             | 8             | 2 1/2" - 8 | 4                           | 2 1/2" - 8        | 98               |
|                  | 300lb Grooved     | -             | -             | -         | -     | -     | 12.25 | -     | -     | 10.813/10.719 | 8             | 2 1/2" - 8 | 4                           | 2 1/2" - 8        | 73               |

## Pressure Ratings (Recommended Maximum Pressure - psi)

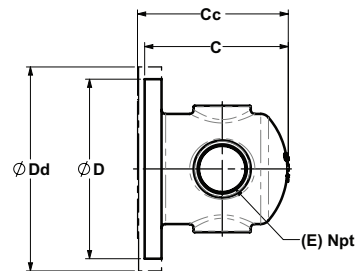
| Test Headers  |              | Pressure Class  |           |           |           |              |
|---------------|--------------|-----------------|-----------|-----------|-----------|--------------|
|               |              | Flanged         |           |           | Grooved   | Threaded     |
| Grade         | Material     | ANSI Standards* | 150 Class | 300 Class | 300 Class | End† Details |
| ASTM A536     | Ductile Iron | B16.42          | 250       | 400       | 400       | 400          |
| ASTM A216-WCB | Cast Steel   | B16.5           | 285       | 400       | 400       | 400          |
| UNS 87850     | Bronze       | B16.24          | 225       | 400       | 400       | 400          |

Note: \* ANSI standards are for flange dimensions only.  
Flanged products are available faced but not drilled.  
† End Details machined to ANSI B2.1 specifications.

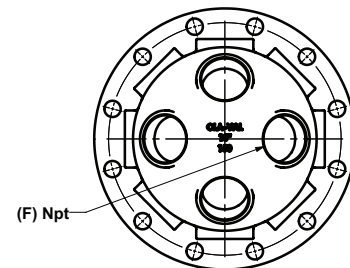
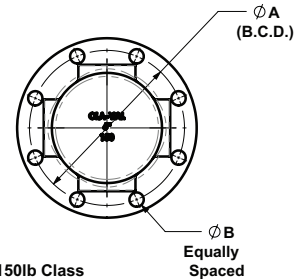
## Product Configurations



6" Test Header 300lb Class  
Grooved Ends Shown



6" Test Header 150lb Class  
Flat Face Shown



10" Test Header 150lb Class  
Flat Face Shown



E-TH Series (03-2019)

**CLA-VAL**

1701 Placentia Avenue • Costa Mesa CA 92627  
800-942-6326 • Fax: 949-548-5441 • Web Site: [cla-val.com](http://cla-val.com) • E-mail: [info@cla-val.com](mailto:info@cla-val.com)

**CLA-VAL CANADA**  
4687 Christie Drive  
Beamsville, Ontario  
Canada L0R 1B4  
Phone: 905-563-4963  
E-mail: [sales@cla-val.ca](mailto:sales@cla-val.ca)

**CLA-VAL EUROPE**  
Chemin des Mésanges 1  
CH-1032 Romanel/  
Lausanne, Switzerland  
Phone: 41-21-643-15-55  
E-mail: [cla-val@cla-val.ch](mailto:cla-val@cla-val.ch)

**CLA-VAL UK**  
Dainton House, Goods Station Road  
Tunbridge Wells  
Kent TN1 2 DH England  
Phone: 44-1892-514-400  
E-mail: [info@cla-val.co.uk](mailto:info@cla-val.co.uk)

**CLA-VAL FRANCE**  
Porte du Grand Lyon 1  
ZAC du Champ du Pérrier  
France - 01700 Neyron  
Phone: 33-4-72-25-92-93  
E-mail: [cla-val@cla-val.fr](mailto:cla-val@cla-val.fr)

**CLA-VAL PACIFIC**  
45 Kennaway Road  
Woolston, Christchurch, 8023  
New Zealand  
Phone: 64-39644860  
[www.cla-valpacific.com](http://www.cla-valpacific.com)  
E-mail: [info@cla-valpacific.com](mailto:info@cla-valpacific.com)