

CFT SERIES

NON-RETRACTABLE, FLANGED



SPECIFICATIONS

PROCESS CONNECTION SIZES

1" - 8" FLANGE

SOLUTION TUBE SIZES

1/2" - 4"

SOLUTION TUBE ID

SEE TECH NOTE 2

SOLUTION TUBE OD

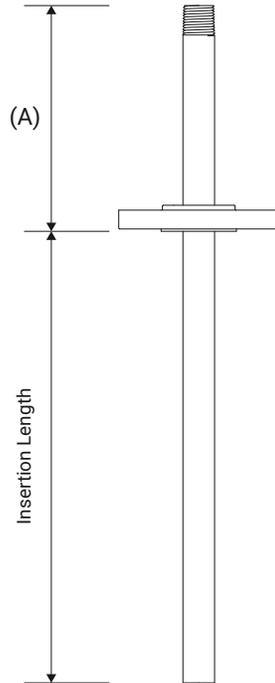
SEE TECH NOTE 2

(A) OPERATING LENGTH

8"

OVERALL LENGTH

A + INSERTION LENGTH



The CFT series allows for direct connection to flanged nozzle on a process line or tank. It retains a threaded inlet connection similar to most injection quills. This typically results in uses there a flanged process connection is available but a basic style (straight port) type non-retractable is needed. Like the CFI, the CFT is also ideal where adverse process flow conditions require a more rigid construction. Also like the CFI, the CFT's basic design can be adapted with a wide range of custom options to meet the unique needs of many different applications.



| SOLUTION TUBE SIZE | MIN. REQUIRED PROCESS CONNECTION FLANGE SIZE |
|--------------------|--|
| 1/2" | 1" |
| 3/4" | 1-1/2" |
| 1" | 1-1/2" |
| 1-1/2" | 2" |
| 2" | 2-1/2" |
| 2-1/2" | 3" |
| 3" | 4" |
| 4" | 6" |

ORDERING INFORMATION

| SERIES | SOLUTION TUBE SIZE | SOLUTION TUBE MATERIAL | PROCESS CONNECTION FLANGE SIZE | FLANGE CLASS | PROCESS CONNECTION FLANGE MATERIAL | INSERTION LENGTH ^a | TIP CONFIGURATION |
|--------|--|---|--|--------------------------------|--|-------------------------------|--|
| CFT | | | | | | | |
| | 050 = 1/2" 075 = 3/4" 100 = 1" 150 = 1-1/2" 200 = 2" 250 = 2-1/2" 300 = 3" 400 = 4" | H = Alloy C276 S = 316SS A = Alloy 20 T = TITANIUM Gr.2 ³ | 100 = 1" 150 = 1-1/2" 200 = 2" 250 = 2-1/2" 300 = 3" 400 = 4" 600 = 6" 800 = 8" | 1 = 150 CLASS 3 = 300 CLASS | H = Alloy C276 S = 316SS A = Alloy 20 T = Titanium Gr.2 | SPECIFY LENGTH IN INCHES | 0 = STANDARD B = 45° BEVEL DH = DIFFUSER HOLES |

TECH NOTES

1. Pressure ratings vary based on selected pipe/flange combinations. Inquire for details specific to your selected configuration.
2. Solution tube sizes conform to schedule 40 nominal pipe size (NPS) dimensions.
3. Titanium availability subject to change. Please verify availability prior to selecting.
4. Each solution tube size has a required minimum size needed for the process connection flange. Refer to table above.
5. Process connection flange material to be the same as the solution tube with the exception of the Alloy C276 which can utilize 316SS as main connection flange.
6. Diffuser hole layout to be provided by customer. SAF-T-FLO does not provide diffuser hole recommendations.

