#### Data Sheet:

Fitting assembly with Boston EHW194 hose size -4 thru -16 For sizes -20, -24 and -32 see: doc # AN533348779116en-000101

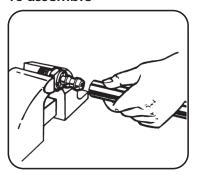
# <u>Danfoss</u>

# Hose assembly instructions

Socketless, FD83 connectors and UQD connectors

SOCKETLESS® fittings with Boston® EHW094 and EHW194 hose

## To assemble



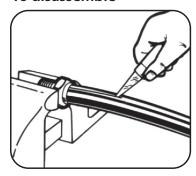
Step 1

Push hose on fitting until hose end bottoms underneath protective cap as shown.

# **SOCKETLESS fittings**

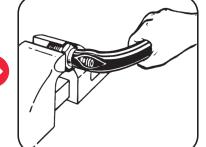
Low pressure service

## To disassemble



Step

Slit hose lengthwise from protective cap to end of nipple.



Step 2

Bend hose, then snap hose off with a quick tug.





# **Clamp Information** for SOCKETLESS, FD83 and UQD connectors



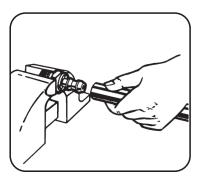
| Dash size | Part number | Reference  | Ear width    | Band width  | Size range                |
|-----------|-------------|------------|--------------|-------------|---------------------------|
|           |             |            | mm (Inch)    | mm (Inch)   | mm (Inch)                 |
| -04       | FF91764-162 | 016.0-706R | 8.0 (0.315)  | 7.0 (0.276) | 13.5 - 16.0 (0.53 - 0.63) |
| -06       | FF91764-198 | 019.8-706R | 10.0 (0.394) | 7.0 (0.276) | 16.6 - 19.8 (0.65 - 0.78) |
| -08       | FF91764-241 | 024.1-706R | 10.0 (0.394) | 7.0 (0.276) | 20.9 - 24.1 (0.82 - 0.95) |
| -10       | FF91764-271 | 027.1-706R | 10.0 (0.394) | 7.0 (0.276) | 23.9 - 27.1 (0.94 - 1.07) |
| -12       | FF91764-316 | 031.6-706R | 10.0 (0.394) | 7.0 (0.276) | 28.4 - 31.6 (1.12 - 1.24) |
| -16       | FF91764-396 | 039.6-706R | 10.0 (0.394) | 7.0 (0.276) | 36.4 - 39.6 (1.43 - 1.56) |

The use of clamp is dependent on the performance parameters of hose. Please refer to hose pressure ratings for when clamp is required.



## FD83 and UQD Series hose assembly instructions for quick disconnect coupling with Boston EHW094 & EHW194 hose

#### To assemble

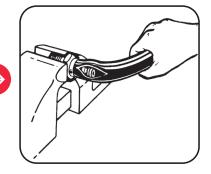


Step 1 Push hose on coupling hose barb until hose end touches the flat surface of the coupling body.

## To disassemble



Step 1 Slit hose lengthwise from edge of coupling body to end of the barb.



Step 2 Bend hose, then snap hose off with a quick tug.

FD83 series Full-flow dual-interlock coupling



**Universal Quick** Disconnect (UQD) For thermal management applications



# Clamp location on hose fitting





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