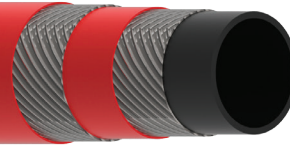


Royal™ EHW194

Boston by Danfoss Royal EHW194 Water Liquid Cooling



Engineered to keep you **cool**

Liquid cooling is an innovative technique using water as a cooling medium to help keep computer processor temperatures low in data center applications. Danfoss designed Boston® Royal with this emerging technology in mind.

UL 94 V-0 rated and offering superior flexibility and kink resistance, this hose was designed to maneuver in tight spaces to simplify installation and maintenance. Offered in a variety of sizes and colors, with approved Danfoss fittings—we have made it easy to emerge into this new market.



Markets/Applications

- Data centers
- Electronic component cooling
- Telemedicine
- Cryptocurrency mining
- IT thermal management

Features

- UL 94 V-0 rated
- Exceeds ASTM E84 Class 1/A Requirements
- Fire resistant cover
- Smooth-finish cover, low CoF
- Multiple color offerings
- Flexible with torsional strain and kink resistance

Order Fulfillment

- Made to Stock

Royal EHW194

Liquid cooling, using water as a solution, helps to eliminate the overheating of devices in data center applications

Boston by Danfoss Royal EHW194-08 Water Liquid Cooling 12.7 MM (0.50 IN) DN12 UL94 V-0 16 BAR (232 PSI) with clamp -40°C to 140°C (-40°F to 284°F) YYYY/MM/DD Made in Türkiye //-- XXXXX



Number	Hose I.D.		Hose O.D.		Operating Pressure without clamp		Burst Pressure without clamp		Operating Pressure with clamp		Burst Pressure with clamp		Minimum Bend Radius		Weight		Length	
	mm	in	mm	in	bar	psi	bar	psi	bar	psi	bar	psi	mm	in	kg/m	lbs/ft	mtr	ft
EHW194-04RD-250R	6.4	0.25	15.0	0.59	5	73	15	218	16	232	48	696	50	2.0	0.21	0.14	76.2	250
EHW194-06RD-250R	9.5	0.37	18.5	0.73	5	73	15	218	16	232	48	696	65	2.5	0.28	0.19	76.2	250
EHW194-08RD-250R	12.7	0.50	22.0	0.87	5	73	15	218	16	232	48	696	75	3.0	0.36	0.24	76.2	250
EHW194-10RD-250R	15.9	0.63	25.2	0.99	5	73	15	218	16	232	48	696	100	4.0	0.43	0.29	76.2	250
EHW194-12RD-250R	19.0	0.75	29.7	1.17	5	73	15	218	16	232	48	696	125	5.0	0.56	0.38	76.2	250
EHW194-16RD-250R	25.4	1.00	36.5	1.44	5	73	15	218	16	232	48	696	150	6.0	0.75	0.50	76.2	250

EHW194 Thin-wall (TW) provides a smaller diameter for improved flexibility and lower bending force.

EHW194TW-04RD-250R	6.4	0.25	13.0	0.51	5	73	15	218	16	232	48	696	25	1.0	0.21	0.14	76.2	250
EHW194TW-06RD-250R	9.5	0.37	16.0	0.63	5	73	15	218	16	232	48	696	35	1.4	0.28	0.19	76.2	250

Construction

Tube Peroxide-cured Synthetic EPDM Rubber

Reinforcement

2 -ply textile

Cover Fire retardant Synthetic EPDM Rubber

Colors Black (BK), Blue (BU), Grey (GY), Red (RD)

Operating Temperature

-40°C to +140°C (-40°F to +284°F)

Certifications

UL 94 V-0 rated

Exceeds ASTM E84 Class 1/A Requirements

Packaging

76.2 m (250 ft.) reels

Qualified with:

- Danfoss 1G crimp fittings
- Danfoss 100B socketless fittings
- Danfoss Hansen UQD quick disconnect coupling hose barb
- Danfoss Hansen FD83 quick disconnect coupling hose barb

Contact coupling manufacturer for attachment procedure and other coupling recommendations

ENGINEERING TOMORROW



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