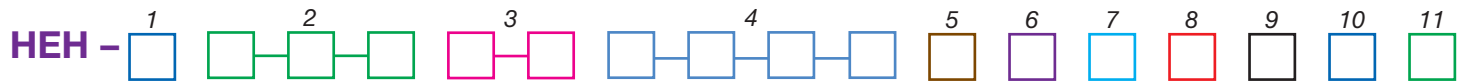**TEMPCO** — Since 1972

Specifications for Heated Hose Assemblies

Hose Size	Style R – Regular Pressure		Style H – High Pressure		Max. Rec. Watt Density (w/ft.)		Max. Working Pressure (PSI)		Minimum Bend Radius	Male NPT Fitting Size	JIC Fitting
	Core ID in. / mm	Hose Assembly OD in. / mm	Core ID in. / mm	Hose Assembly OD in. / mm	R Style	H Style	R Style	H Style	in. / mm	SS	Size, SS
#4	.187 / 4.75	1.40 / 35.6	.222 / 5.64	1.40 / 35.6	23	30	2250	4000	4 / 102	¼-18	$^7/_{16}$-20
#6	.312 / 7.92	1.50 / 38.1	.308 / 7.82	1.50 / 38.1	25	40	1875	4000	8 / 203	$^3/_8$-18	$^9/_{16}$-18
#8	.406 / 10.31	1.59 / 40.4	.401 / 10.19	1.59 / 40.4	30	50	1500	4000	10 / 254	½-14	¾-16
#10	.500 / 12.70	1.69 / 42.9	.495 / 12.57	1.69 / 42.9	35	55	1312	4000	13 / 330	½-14	$^7/_8$-14
#12	.625 / 15.87	1.79 / 45.5	.617 / 15.67	1.79 / 45.5	40	65	1125	4000	15 / 381	¾-14	$1^1/_{16}$-12
#16	.875 / 22.22	2.10 / 53.3	.867 / 22.02	2.30 / 58.4	50	85	750	4000	18 / 457	1-11½	$1^5/_{16}$-12
#20	1.12 / 28.57	2.60 / 66.0	1.118 / 28.40	2.70 / 68.6	65	95	500	4000	24 / 610	1¼-11½	$1^5/_8$-12

⚠️ **Notes:** Operating pressures are for non-impulsive applications only.
#20 and High Pressure can only be done for special applications, consult Tempco.

Ordering Code:

HEH – [1] [2]—[ ]—[ ] [3]—[ ] [4]—[ ]—[ ]—[ ] [5] [6] [7] [8] [9] [10] [11]

Hose Style BOX 1
R = Regular Pressure, Teflon®
H = High Pressure, Teflon®
X = Other

Length BOX 2
In 6" increments
From **006** to **600** inches

Trade Size BOX 3
04, 06, 08, 10, 12, 16, 20
XX = Other

Wattage BOX 4
Insert Required Wattage
Example: **0120** = 120 Watts

⚠️ **Note:** Larger wattages are limited to 240V due to overall amperage requirements.

Voltage BOX 5
1 = 120 Vac
2 = 240 Vac
3 = 208 Vac
4 = 277 Vac
X = Other

Electrical Connectors BOX 6
A = Hubbell® #4720C, 15A, 120 Vac, locking plug (NEMA L5-15P)
B = Hubbell® #4570C, 15A, 240 Vac, locking plug (NEMA L6-15P)
C = Industry common, 9-pin Amp® connector
D = No connector, flying leads
E = Standard straight blade, 15A, 120 Vac, (NEMA 5-15P)
F = Standard straight blade, 15A, 240 Vac, (NEMA 6-15P)
X = Other

Temperature Sensor BOX 7
N = None
A = RTD, 100 ohms, platinum, 2-wire, leads only
B = Thermocouple, Type J, leads only
C = Thermocouple, Type K, leads only
D = RTD, 100 ohms, platinum, 3-wire, leads only
F = Thermocouple, Type J, Std. Plug
G = Thermocouple, Type K, Std. Plug
M = Thermocouple, Type J, Mini-Plug
P = Thermocouple, Type K, Mini-Plug
X = Other

Hydraulic Fitting — Near Electrical Connection BOX 8
J = JIC 37° Female Swivel
N = JIC 37° Female Swivel and Male NPT adapter
Optional
T = Tri-Clamp
P = Tubing / Pipe (for compression fitting)
X = Other

Hydraulic Fitting — Opposite End BOX 9
J = JIC 37° Female Swivel
N = JIC 37° Female Swivel and Male NPT adapter
Optional
T = Tri-Clamp
P = Tubing / Pipe (for compression fitting)
X = Other

Hydraulic Fitting Material BOX 10
S = Stainless Steel
X = Other

External Covering BOX 11
P = Heavy duty polyester braid
Optional
N = Water resistant jacket (Available for limited sizes; consult Tempco)
X = Other

⚠️ **Note:** It is strongly recommended that a sensor and separate temperature control or a thermostat be used to control the temperature of Tempco's Heated Hose Assemblies. It is very difficult to limit the overall temperature by using a lower wattage and have a reasonable rise time.

Ordering Information

Heated Hose Assemblies are offered with the features listed above. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements and a part number will be assigned.

Consult Tempco with your requirements.
Standard lead time is 2 to 3 weeks.

Accessory Item (Optional)
9-pin mating connectors, includes 12" of pre-attached leads to crimp sockets and cable clamp/strain relief.

Part Number	Mounting	Heated Hose Sensor Type
EHDR-1115	Cable	Type J thermocouple
EHDR-1207	Cable	Type K thermocouple
EHDR-1208	Cable	2 or 3 wire RTD temperature sensor
EHDR-1116	Panel	Type J thermocouple
EHDR-1209	Panel	Type K thermocouple
EHDR-1210	Panel	2 or 3 wire RTD temperature sensor

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