

### 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 Size, SS
	Core ID	Hose Assembly	Core ID	Hose Assembly	R Style	H Style	R Style	H Style	in. / mm	SS	Size, SS
	in. / mm	OD in. / mm	in. / mm	OD in. / mm							
#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	⅜-18	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



**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.

#### 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 for Style R only:**  
**T** = Tri-Clamp  
**P** = Tubing / Pipe (for compression fitting)  
**Optional:**  
**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

### 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-1209	Panel	Type K thermocouple
EHDR-1210	Panel	2 or 3 wire RTD temperature sensor