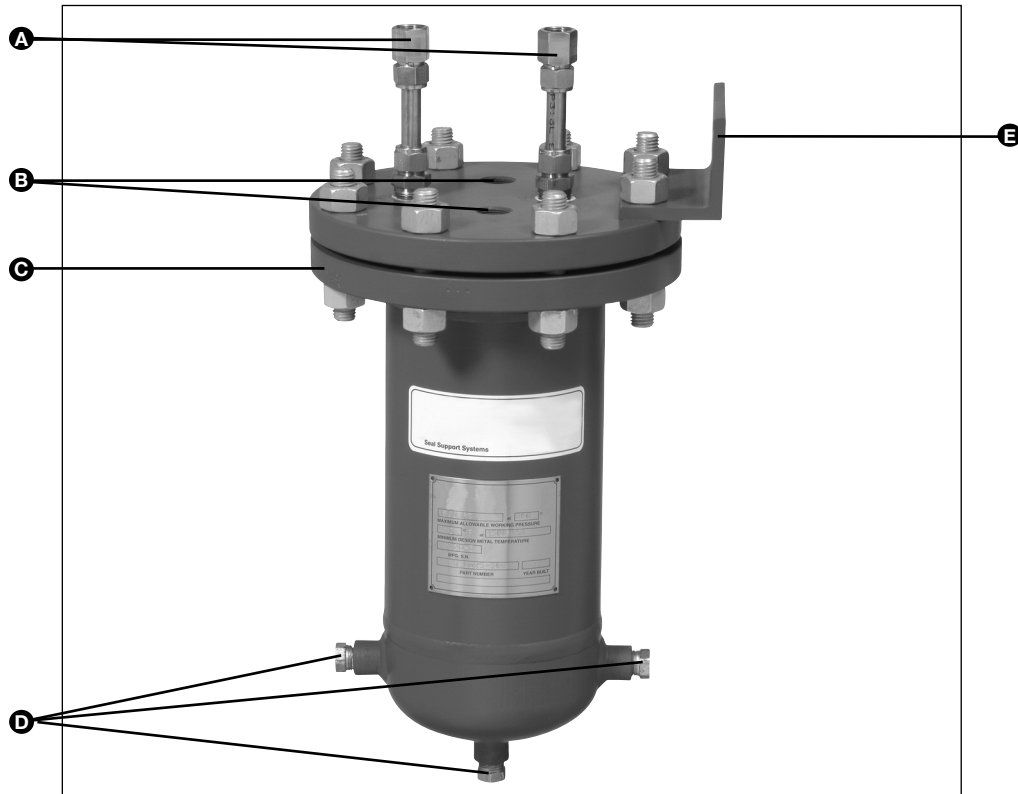


- A** – Process Connections
- B** – Cooling Water Connections
- C** – Flanged Head
- D** – Vent/Drain Connections
- E** – Mounting Bracket



### Design Features/Benefits

- Threaded process and cooling water connections allow for easy installation
- Mounting bracket allows for vertical or horizontal installation
- Continuous double-wrap coil provides maximum cooling area with no manifold connections
- Removable head allows for cleaning of shell and coil

### Options

- Flanged process connections
- Double removable heads allowing for in place cleaning
- Flanged cooling water connections

### Applications

- Refinery
- Petrochemical
- Chemical processing
- Pipeline
- Power generation

### Materials of Construction

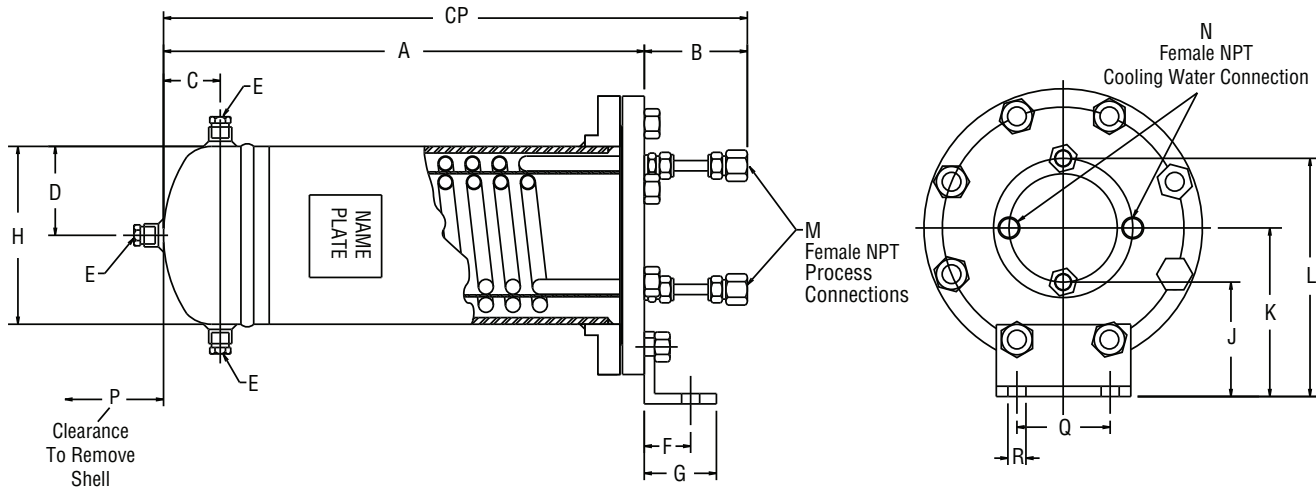
- Carbon steel shell (standard)
- 316 stainless steel tube (standard)
- Please consult factory for optional materials.

### Sizes Available / Working Pressures

Model	Coil Size	Cooling Area (sq ft)	Working Pressure (PSI)	
			Shell	Coil
LHXR-0500-SCS	0.500" x 0.065" wall	2.6	260 @ 200°F	1500 @-20 to 400°F
LHXR-0625-SCS	0.625" x 0.065" wall	3.9	260 @ 200°F	1500 @-20 to 400°F
LHXR-0682-SCS*	0.750" x 0.095" wall	5.9	256 @ 200°F	1500 @-20 to 400°F
LHXR-0750-SCS	0.750" x 0.065" wall	7.07	256 @ 200°F	1500 @-20 to 400°F

\* Note: Meets API 682 Second Edition requirements (paragraph 8.5.3.1.5) for use on shaft sizes over 2.5".  
For shaft sizes 2.5" and below, please consult John Crane.

### Dimensions



Dimensions (Inch)	A	CP	B	C	D	E (NPT)	F	G	H	J	K	L	M (NPT)	N (NPT)	P	Q	R
LHXR-0500-SCS	13 1/16	18 1/16	5	1 7/8	2 13/16	1/2	1 3/4	3	5 9/16	4 3/8	6 1/8	8 1/4	1/2	1/2	12	3 1/4	7/8
LHXR-0625-SCS	16 5/8	21 5/8	5	2 1/4	3 5/16	1/2	1 3/4	3	6 5/8	4 7/8	6 5/8	9 1/8	1/2	3/4	15 5/8	3 5/8	7/8
LHXR-0682-SCS	23 3/8	28 3/8	5	2 3/4	4 5/16	1/2	2 1/4	3 1/2	8 5/8	5 1/2	8 1/8	11 1/2	3/4	1	22 1/8	4 1/2	7/8
LHXR-0750-SCS	23 3/8	28 3/8	5	2 3/4	4 5/16	1/2	2 1/4	3 1/2	8 5/8	5 1/2	8 1/8	11 1/2	3/4	1	22 1/8	4 1/2	7/8

Dimensions (mm)	A	CP	B	C	D	E (NPT)	F	G	H	J	K	L	M (NPT)	N (NPT)	P	Q	R
LHXR-0500-SCS	332	459	127	48	71	1/2	44	76	141	111	156	210	1/2	1/2	305	83	22
LHXR-0625-SCS	422	549	127	57	84	1/2	44	76	168	124	168	232	1/2	3/4	397	92	22
LHXR-0682-SCS	594	721	127	70	110	1/2	57	89	219	140	206	292	3/4	1	562	114	22
LHXR-0750-SCS	594	721	127	70	110	1/2	57	89	219	140	206	292	3/4	1	562	114	22



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