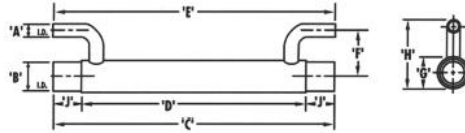


Refrigerant Heat Exchangers



Series HXR Turbo Heat Exchangers



Packless Turbo Heat Exchangers are specifically intended for application on refrigeration systems to transfer heat between liquid refrigerant leaving the condenser on the high pressure side of the system and refrigerant vapor leaving the evaporator on the low pressure side of the system.

Each unit is furnished with I.D. sweat connections on both the vapor and liquid sides for ease of installation. Standard sizes are recognized or listed by Underwriters Laboratories, Inc. (U.L.) for use with the following refrigerants: R12, R22, R23, R125, R134A, R401A, R401B, R402A, R402B, R404A, R407A, R407B, R407C, R408A, R409A, R410A, R410B, R412A, R502, R507, R508, R509

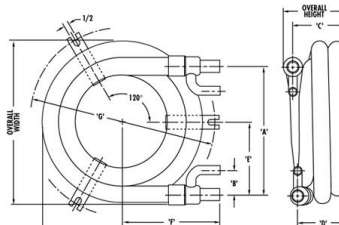
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Mfg Part No	Dimensions									Nom HP
	A	B	C	D	E	F	G	H	J	
HXR-25	1/4"	1/2"	11 1/2"	10"	10 1/4"	1 3/16"	7/8"	1 3/4"	3/4"	1/2
HXR-50	3/8"	5/8"	12 3/4"	11"	13"	1 5/8"	7/8"	2 5/16"	7/8"	1
HXR-75	3/8"	7/8"	13 5/8"	11"	13"	1 3/4"	1 1/8"	2 9/16"	1 5/16"	1-1/2
HXR-100	3/8"	1 1/8"	14 1/8"	11"	12 3/4"	1 7/8"	1 3/8"	2 13/16"	1 9/16"	2
HXR-150	1/2"	1 1/8"	14 1/8"	11"	13 3/4"	2"	1 3/8"	3"	1 9/16"	3
HXR-250	5/8"	1 3/8"	14 1/4"	11"	14 1/4"	2 3/8"	1 5/8"	3 9/16"	1 5/8"	5
HXR-350	5/8"	1 5/8"	16 1/4"	12"	15 1/4"	2 3/8"	1 5/8"	3 9/16"	2 1/8"	7-1/2
HXR-500	7/8"	2 1/8"	17 1/4"	12"	13"	2 15/16"	2 5/8"	4 5/8"	2 5/8"	10

Heat Pump/Condenser Coils



Double Wound Helix with Brackets



Packless water-source heat pump coils operate very effectively as either refrigerant condensers or refrigerant evaporators when transferring heat with water. This makes them an ideal choice for both water-source heat pump and water-cooled condenser applications.

refrigerants: R12 R134A R402B R407C R410B R508 R22 R401A R404A R408A R412A R509 R23 R401B R407A R409A R502 R125 R402A R407B R410A R507

Maximum working pressures are 400 psig on the water side and 620 psig on the refrigerant side.

Packless water-source heat pump coils are approved by Underwriters Laboratories, Inc. (U.L.) and the Canadian Standards Association (C.S.A.) for use with the following AVAILABLE IN THE FOLLOWING MODELS:

- COAX - Copper inner tube, steel shell
- COCX - Cupronickel inner tube, steel shell

Mfg Part No	Tons	In/Out Connection		(L×H×W)	Dimensions					
		Refri.	Water		C	A	B	E	F	G
COAX-2201-J	2	3/8" ID	5/8" OD	12 15/16" × 3 7/8" × 10 5/8"	3 5/16"	8 1/2"	2"	4 3/4"	7 11/16"	13 1/8"
COAX-2251-J	2 1/2	1/2" ID	3/4" OD	12 7/16" × 5 1/8" × 10 3/8"	4 7/16"	8 1/16"	1 7/8"	4 9/16"	7 5/16"	12 1/2"
COAX-2301-J	3	5/8" ID	7/8" OD	13 7/8" × 5 1/16" × 12 5/16"	4 5/16"	9 3/4"	2 3/16"	5 1/2"	7 3/4"	14 7/8"
COAX-2351-J	3 1/2	5/8" ID	7/8" OD	13 15/16" × 5 1/8" × 12 13/16"	4 3/8"	10"	2 3/16"	5 5/8"	7 9/16"	14 7/8"
COAX-2401-J	4	5/8" ID	7/8" OD	16 1/4" × 4 15/16" × 14 1/8"	4 3/16"	11 15/16"	2 3/16"	6 7/16"	9 1/8"	16 3/4"
COAX-2501-J	5	5/8" ID	7/8" OD	15 3/4" × 6 7/8" × 13 5/16"	6"	10 9/16"	2 1/4"	6 1/16"	8 15/16"	15 5/8"
COAX-2601-J	6	3/4" ID	1 1/8" OD	17 3/4" × 7 1/4" × 15 1/4"	6 5/16"	12"	2 5/16"	6 13/16"	10 1/8"	18"
COAX-2751-J	7 1/2	3/4" ID	1 1/8" OD	18" × 7 3/8" × 17 1/2"	6 1/2"	14"	2 3/8"	7 7/8"	9 1/4"	19 3/4"

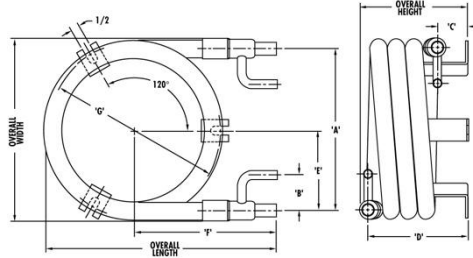


PACKLESS

Heat Pump/Condenser Coils



Helix with Brackets



AVAILABLE IN THE FOLLOWING MODELS:

- COAX - Copper inner tube, steel shell
- COCX - Cupronickel inner tube, steel shell

Mfg Part No	Tons	In/Out Connection		(L×H×W)	Dimensions				
		Refri.	Water		A	B	C	F	G
COAX-2051-H	1/2	3/8" ID	1/2" OD	9 15/16" × 5 1/8" × 6 5/8"	5 5/8"	1 5/8"	1 3/4"	6 11/16"	6 5/8"
COAX-2076-H	3/4	3/8" ID	1/2" OD	9 15/16" × 6" × 6 5/8"	5 5/8"	1 5/8"	1 3/4"	6 11/16"	6 5/8"
COAX-2101-H	1	3/8" ID	1/2" OD	9 15/16" × 6 15/16" × 6 5/8"	5 5/8"	1 5/8"	1 3/4"	6 11/16"	6 5/8"
COAX-2151-H	1 1/2	3/8" ID	5/8" OD	13 15/16" × 6 7/16" × 10 3/16"	9 1/16"	2"	1 3/4"	8 1/4"	10"

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