Preliminary



HE-321A

Heat Exchanger

DESCRIPTION:

Heat Exchanger (oil to air) with single fan. For use with the B-330H housing. Oil pump is gear type.

PERFORMANCE:

2.4 kW with 50° delta T (194 kHU/minute). Refer to cooling chart for other delta T ratings.

TOTAL HOSE LENGTH:

30 inches minimum (0.75 meters) 164 feet maximum (50 meters)

POWER REQUIREMENTS:

HE-321A 220 - 230 VAC 50/60 Hz 1.2 Amps

FAIL SAFE DEVICE:

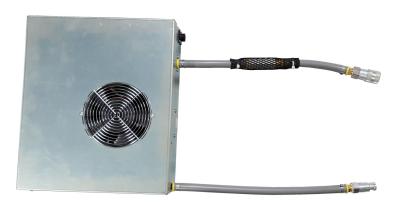
Flow Switch - Normally open contacts. Flow Switch Operating Pressure - 1000PSIG Flow Switch Contact Rating - 250 Volts Max

DIMENSIONS:

Width - 13.75 inches (349 mm) Length - 16 inches (406 mm) Height - 5.25 inches (133 mm)

WEIGHT:

40 Pounds (18.1 kg)



MOUNTING:

Select mounting location where ambient temperature is low.

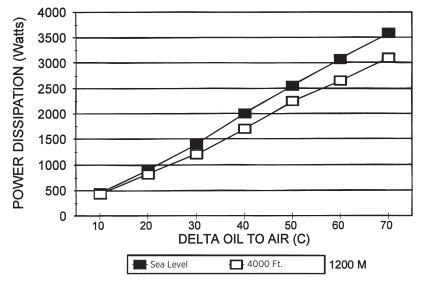
Connect power cord to source that is energized whenever x-ray tube with heat exchanger is selected.

Connect flow switch and thermal switch on housing in series with existing exposure interlocks.

CONNECTING OIL LINES WITH QUICK DISCONNECT FITTINGS:

To prevent air in housing from oil line quick disconnect fittings observe the following procedures.

- A. Do not apply any side pressure on fittings such as from tiewrapping to cable bundles or looping in tight circle.
- B. Never run heat exchanger with fittings disconnected.
- C. **Always** return heat exchanger with x-ray tube regardless of reason for return.



COOLING CHARACTERISTICS HE -321A POWER DISSIPATION

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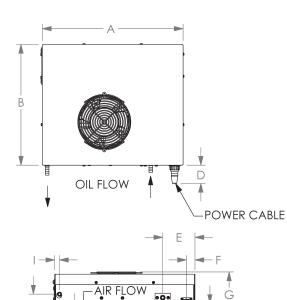


HE-321A

Outline Diagram

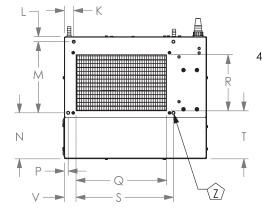
Heat Exchanger

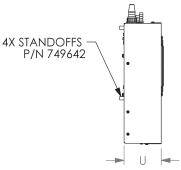
Dimensions are for reference only



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P/N 751352 (39.5 FEET) AMP P/N 20670	8-1			
	1		TBI-4	TBI-6 TBI-5
GREEN/YELLOW	5	220 VAC		FAN MOTOR
			TBI-2	TBI-2 TBI-3
GREEN	7		•	
		FLOW SWITCH INTERLOCK		FLOW SWITCH CLOSED WITH PROPER OIL FLOW
RED / /	8		•	•

DIMENSIONAL DATA				
	INCHES	mm		
DIM	REF	REF		
A	15.91	404.1		
В	13.63	346.2		
С	0.50	12.7		
D	2.25	57.2		
E	3.58	90.9		
F	0.95	24.1		
G	4.95	125.7		
Н	1.38	35.1		
I	0.52	13.2		
J	2.30	58.4		
K	1.08	27.4		
L	0.58	14.7		
М	7.94	201.7		
N	5.13	130.3		
Р	0.45	11.4		
Q	10.13	257.3		
R	6.27	159.3		
S	10.88	276.4		
Т	5.35	135.9		
U	4.19	106.4		
V	1.33	33.8		
W				
Х				
Y				
<u>(7</u>) 4 X 1/4-20				

Manufactured by Varex Imaging Corporation Fabrique par Varex Imaging Corporation

Hergestellt von Varex Imaging Corporation Fabricado por Varex Imaging Corporation

Specifications subject to change without notice. Spécifications susceptibles d'être modifiées sans préavis. Technische Daten ohne Gewähr. Especificaciones sujetas a cambio sin previo aviso.

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