

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.

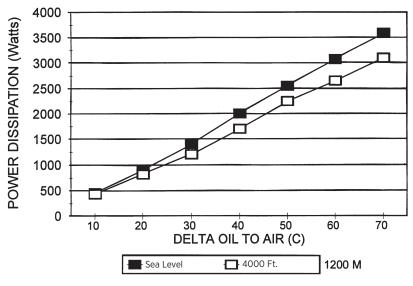
Connect flow switch and thermal switch on housing in series with existing exposure interlocks.

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

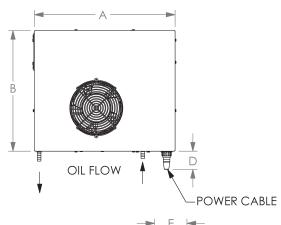


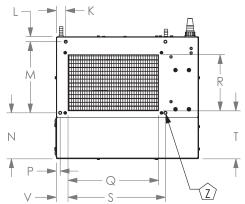


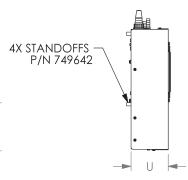
Heat Exchanger

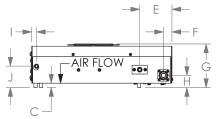
Outline Diagram

Dimensions are for reference only









P/N 751352 (39.5 FEET) \ AMP P/N 206708-1 \	
BLACK 1 TBI-4 TBI-6 TBI-5	
/ \	
SPL SPL	ICE
RED.)
GREEN/YELLOW 5 220 YAC FAN MOTOR BLU	
- To A BIK	SULATE
ă T	JOE NE
WHITE 3 ORG	
TBI-2 TBI-3	
GREEN 7	

FLOW SWITCH INTERLOCK

DIMENSIONAL DATA		
	INCHES	mm
DIM	REF	REF
Α	15.91	404.1
В	13.63	346.2
С	0.50	12.7
D	2.25	57.2
Е	3.58	90.9
F	0.95	24.1
G	4.95	125.7
Н	1.38	35.1
- 1	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		
X		
Υ		

(Z) 4 X 1/4-20



Salt Lake City, UT

1-801-972-5000

For a complete listing of our global offices, visit www.vareximaging.com

Manufactured by Varex Imaging Corporation

Specifications subject to change without notice.