

DESCRIPTION:

Heat Exchanger (water-glycol to air) with single fan. For use with FP-1000 series X-ray tubes. Water-glycol pump is gear type.

PERFORMANCE:

1000 W with 40° delta T. Refer to cooling chart for other delta T ratings.

POWER REQUIREMENTS:

HE-235 / HE-235A 24 VDC +2%/-10% 3.2 Amps

FAIL SAFE DEVICE:

Flow Switch - Normally open contacts. Contacts closed with adequate water-glycol flow.

Pressure Relief Valve - opens at 20 PSI ±5% PSI

DIMENSIONS: (Base and Cover)

Width - 9.6 inches (744 mm)

Length - 11.6 inches (295 mm)

Height - 4.0 inches (102 mm)

WEIGHT:

75 kg (16.5 lbs)



MOUNTING:

Select mounting location where ambient temperature is low.

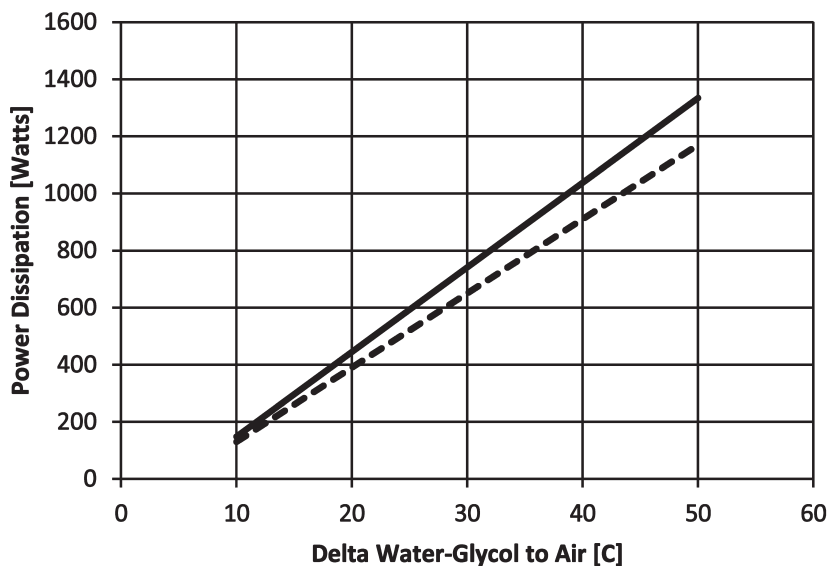
Connect power cord to source that is energized whenever x-ray tube with heat exchanger is selected.

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

CONNECTING WATER-GLYCOL LINES WITH QUICK DISCONNECT FITTINGS:

To prevent air in housing from water-glycol line quick disconnect fittings observe the following procedures.

- A. Do not apply any side pressure on fittings such as from tie-wrapping to cable bundles or looping in tight circle.
- B. Never run heat exchanger with fittings disconnected.



HE-235 / HE-235A Sea Level

HE-235 / HE-235A 4000 ft.

Outline/Wiring Diagram

Dimensions are for reference only

