



Bleed Air Heat Exchanger

APPLICATION:

Military Turbofan Engine Buffer Air Heat Exchanger

PART NUMBER:

90281-000

FUNCTION:

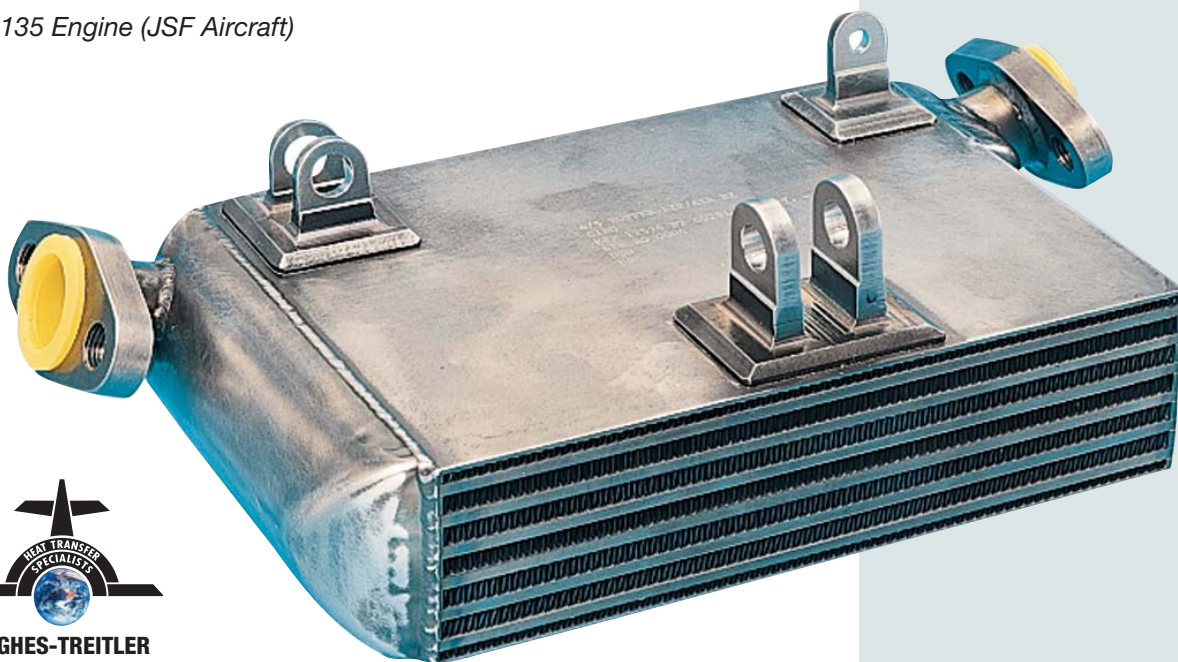
Cools high pressure, high temperature engine bleed air

FEATURES:

High thermal cycle life

WHERE USED:

- ✓ F-119 Engine (F-22 Aircraft)
- ✓ F-135 Engine (JSF Aircraft)



Bleed Air Heat Exchanger

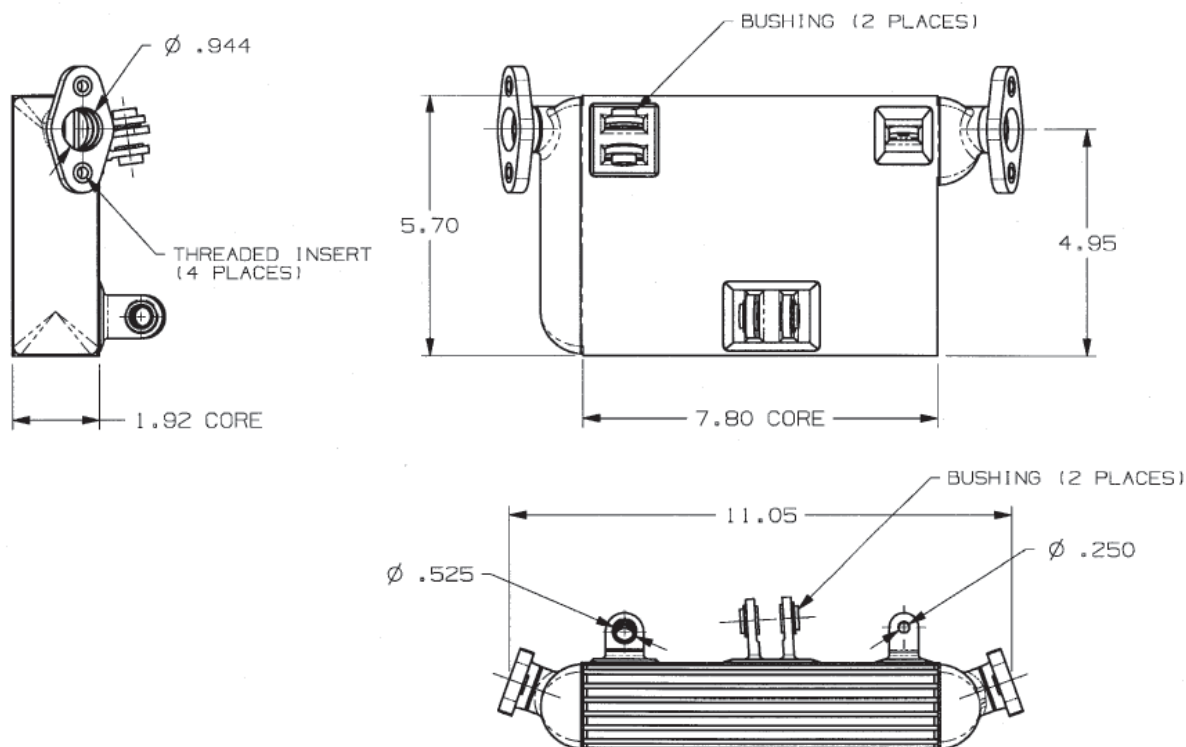
SPECIFICATIONS

Weight: 6 lbs. (2.7 kg)

Bleed Air: 380 psia, 1005°F (541°C) 25 lb. (11 kg)/min.

Cooling Air: 120 psia, 575°F (302°C) 40 lb. (18 kg)/min.

Construction: Vacuum brazed Inconel 625



90281-000
BUFFER AIR HEAT EXCHANGER

Dimensions
in Inches

DIMENSIONS

AMETEK®
AEROSPACE & DEFENSE
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