

# BRAZED PLATE HEAT EXCHANGER | MODEL ABX050 | SUBMITTAL

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Job: \_\_\_\_\_ Representative: \_\_\_\_\_

Order No: \_\_\_\_\_ Date: \_\_\_\_\_

Engineer: \_\_\_\_\_ Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor: \_\_\_\_\_ Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

QUANTITY	TAG NO.	MODEL NO.	COMMENTS

## ABX - BRAZED PLATE HEAT EXCHANGERS

Armstrong's ABX brazed plate heat exchangers are designed to facilitate heat transfer between two media of different temperatures. ABX produces high heat transfer rates that allow for a compact, corrosion resistant and robust design.

## DESCRIPTION

Number of plates (N):	
Design Pressure	435 psi (30 bar)
Max Temperature	392°F/200°C
Plate Material	316 SS
Braze Material	Copper
Connection Material	304 SS

## TYPICAL SPECIFICATION

Furnish and install on the plans and described herein, an Armstrong ABX050-\_\_\_\_\_ brazed plate heat exchanger. Each heat exchanger must be designed to have the capacity and pressure/temperature rating as detailed in the schedule. The heat exchanger must utilize 316L stainless steel plates and copper braze to separate the two fluids while transferring heat and preventing corrosion.

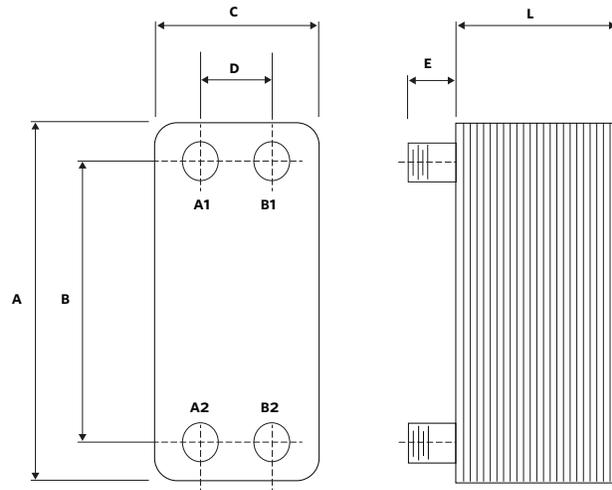
Each heat exchanger shall be Armstrong ABX050-\_\_\_\_\_ or approved equal.

## CONNECTIONS

	Size - inch	Location	Rating
Fluid 1 Inlet	1.00	A2	NPT
Fluid 1 Outlet	1.00	A1	NPT
Fluid 2 Inlet	1.00	B1	NPT
Fluid 2 Outlet	1.00	B2	NPT

**DIMENSIONS**

DIMENSIONS in inch (mm)						VOLUME	WEIGHT
A	B	C	D	E	L	gals(ltrs)	lbs(kgs)
12.00 (305)	9.80 (250)	4.20 (106)	2.00 (50)	1.10 (28)	0.49 + 0.09N (12.5 + 2.4N)	(0.01 × N) gals (0.055 × N) liters	4.0 + (0.3 × N) lbs 1.5 + (0.135 × N) kgs



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