

# BRAZED PLATE HEAT EXCHANGER | MODEL ABD070 DOUBLE WALL | SUBMITTAL

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

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

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

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

QUANTITY	TAG NO.	MODEL NO.	COMMENTS

## ABD - BRAZED PLATE HEAT EXCHANGERS DOUBLE WALL

Armstrong's ABD brazed plate heat exchangers are designed to facilitate heat transfer between two media of different temperatures. ABD 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 ABD070-\_\_\_\_\_ 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.

To prevent cross contamination of the two media the heat exchanger shall be of double wall design. The media shall be separated by two plates with an air gap between them providing a positive leak path with detection grooves.

Each heat exchanger shall be Armstrong ABD070-\_\_\_\_\_ or approved equal.

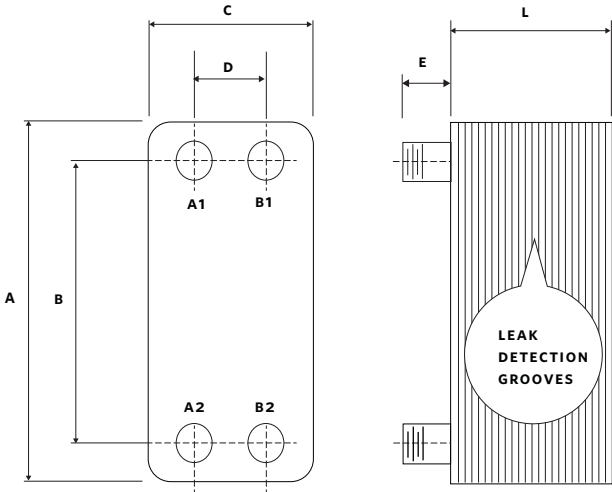
### CONNECTIONS

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

DIMENSIONS

DIMENSIONS in inch (mm)						VOLUME	WEIGHT
A	B	C	D	E	L	gals(ltrs)	lbs(kgs)
11.97 (304)	9.84 (250)	4.88 (124)	2.76 (70)	1.06 (27)	0.37 + (0.1024 × N) (9.3 + (2.6 × N))	(0.0156 × (N-1)) gals (0.059 × (N-1)) liters	3.81 + (0.464 × N) lbs 1.73 + (0.21 × N) kgs

NOTE:  
\* N = Total number of plates per unit



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