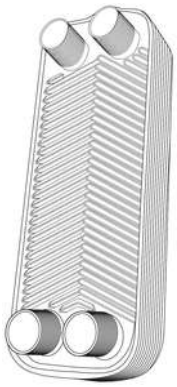
Bell & Gossett
a xylem brand

SUBMITTAL

C-329



Type Low Pressure BPX™ Brazed Plate Heat Exchanger

For Residential Applications

DESCRIPTION

B & G type Low Pressure BPX brazed plate heat exchangers offer the highest level of thermal efficiency and durability in a compact, low cost unit. These are ideal for applications that require 150 PSIG or less. The corrugated plate design provides very high heat transfer coefficients, resulting in a more compact design. The unit's stainless steel plates are vacuum brazed together to form a durable, integral piece.

OPERATING DATA

CHANNEL PLATES: Stainless Steel ASTM 316L
BRAZING MATERIAL: Copper
CONNECTIONS: From ¾" to 1" Stainless Steel ASTM 304L
CAPACITY: Up to 52 GPM

NOTE: Model BPX units cannot be opened nor can plates be added or removed.

TECHNICAL DATA (Standard Design)

DESIGN PRESSURE (All Models)	DESIGN TEMPERATURE (All Models)
150 PSIG (10.35 bar)	−40° F min. (−40° C) 250° F max. (121.11° C)

DESCRIPTION

MODEL NUMBER	PART NUMBER	# OF PLATES	TAGGING INFORMATION	QUANTITY
BP400-10 LP	5-695-00-010-001	10		
BP400-20 LP	5-695-00-020-001	20		
BP400-30 LP	5-695-00-030-001	30		
BP400-40 LP	5-695-00-040-001	40		
BP410-10 LP	5-695-10-010-001	10		
BP410-20 LP	5-695-10-020-001	20		
BP410-30 LP	5-695-10-030-001	30		
BP411-10 LP	5-695-11-010-001	10		
BP411-20 LP	5-695-11-020-001	20		
BP411-30 LP	5-695-11-030-001	30		
BP412-20 LP	5-695-12-020-001	20		
BP412-30 LP	5-695-12-030-001	30		

APPLICATION: _____

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Let's Solve Water

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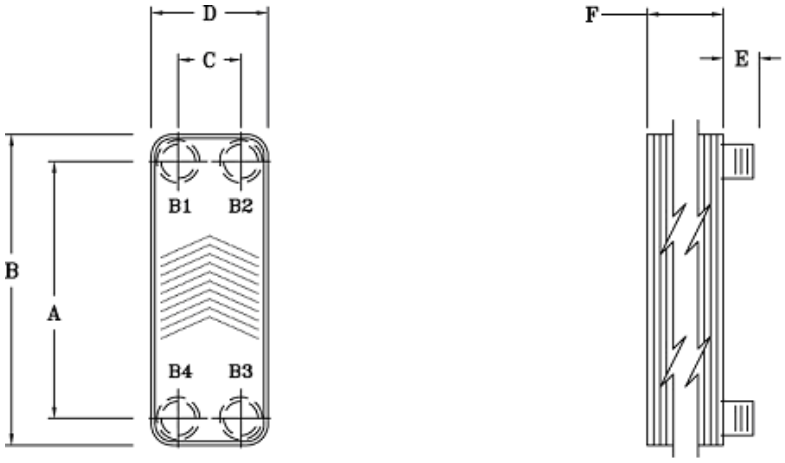

DIMENSIONS –

MODEL	INCHES (mm)						MNPT Connection	Volume Gal/channel (L/Chnl)	Surface Area per plate sq. ft. (sq. m)	Shipping Weight Lbs. (kg)
	A	B	C	D	E	F				
BP400-10 LP	6.77 (172)	8.2 (208)	1.65 (42)	3.1 (79)	0.95 (24)	1.15 (29)	3/4"	0.0076 (0.0288)	0.126 (0.0117)	2.8 (1.27)
BP400-20 LP	6.77 (172)	8.2 (208)	1.65 (42)	3.1 (79)	0.95 (24)	1.96 (50)	3/4"	0.0076 (0.0288)	0.126 (0.0117)	4.1 (1.86)
BP400-30 LP	6.77 (172)	8.2 (208)	1.65 (42)	3.1 (79)	0.95 (24)	2.77 (70)	3/4"	0.0076 (0.0288)	0.126 (0.0117)	5.4 (2.45)
BP400-40 LP	6.77 (172)	8.2 (208)	1.65 (42)	3.1 (79)	0.95 (24)	3.58 (91)	3/4"	0.0076 (0.0288)	0.126 (0.0117)	6.7 (3.04)
BP410-10 LP	9.84 (250)	12.2 (310)	1.97 (50)	4.4 (112)	1.1 (28)	1.31 (33)	1"	0.0159 (0.0602)	0.281 (0.0261)	5.5 (2.5)
BP410-20 LP	9.84 (250)	12.2 (310)	1.97 (50)	4.4 (112)	1.1 (28)	2.28 (58)	1"	0.0159 (0.0602)	0.281 (0.0261)	8.4 (3.81)
BP410-30 LP	9.84 (250)	12.2 (310)	1.97 (50)	4.4 (112)	1.1 (28)	3.25 (83)	1"	0.0159 (0.0602)	0.281 (0.0261)	11.3 (5.13)
BP411-10 LP	9.84 (250)	12.2 (310)	1.97 (50)	4.4 (112)	1.1 (28)	1.31 (33)	1"	0.0159 (0.0602)	0.280 (0.026)	5.5 (2.5)
BP411-20 LP	9.84 (250)	12.2 (310)	1.97 (50)	4.4 (112)	1.1 (28)	2.28 (58)	1"	0.0159 (0.0602)	0.280 (0.026)	8.4 (3.81)
BP411-30 LP	9.84 (250)	12.2 (310)	1.97 (50)	4.4 (112)	1.1 (28)	3.25 (83)	1"	0.0159 (0.0602)	0.280 (0.026)	11.3 (5.13)
BP412-20 LP	9.84 (250)	12.2 (310)	1.97 (50)	4.4 (112)	1.1 (28)	2.28 (58)	1"	0.0159 (0.0602)	0.281 (0.0261)	8.4 (3.81)
BP412-30 LP	9.84 (250)	12.2 (310)	1.97 (50)	4.4 (112)	1.1 (28)	3.25 (83)	1"	0.0159 (0.0602)	0.281 (0.0261)	11.3 (5.13)

Dimensions are subject to change. Not to be used for construction purposes unless certified.

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