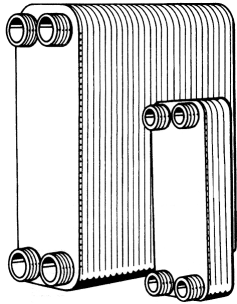


JOB:	REPRESENTATIVE:	
UNIT TAG:	SUBMITTED BY:	DATE:
ENGINEER:	APPROVED BY:	DATE:
CONTRACTOR:		



Type BPX™ Brazed Plate Heat Exchanger For Residential Applications

DESCRIPTION

B & G type BPX brazed plate heat exchangers offer the highest level of thermal efficiency and durability in a compact, low cost unit. 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 that can withstand high pressure and temperature.

OPERATING DATA

COVER PLATES: Stainless Steel ASTM 316L
 CHANNEL PLATES: Stainless Steel ASTM 316L
 BRAZING MATERIAL: Copper
 CONNECTIONS: From 3/4" to 1" Stainless Steel ASTM 316L
 CAPACITY: Up to 52 GPM
 CONSTRUCTION CODES: UL, CRN, ASME Code Stamp Option

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

TECHNICAL DATA (Standard Design)

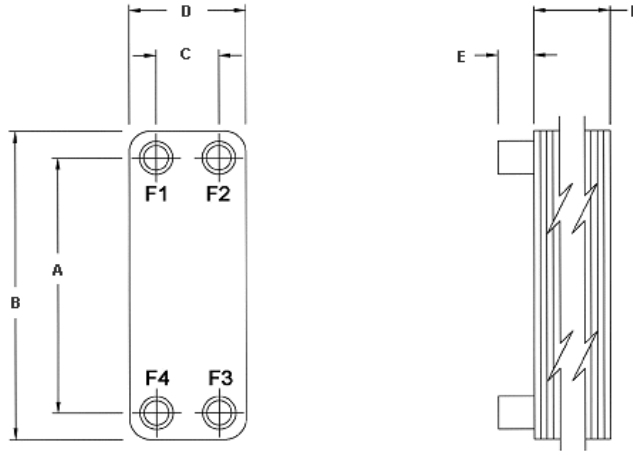
DESIGN PRESSURE (All Models)	DESIGN TEMPERATURE (All Models)
435 PSIG (30 bar)	-310° F min. (-195° C) 450° F max. (232° C)

DESCRIPTION

MODEL NUMBER	PART NUMBER	# OF PLATES	TAGGING INFORMATION	QUANTITY
BP400-10	5-686-02-010-002	10		
BP400-20	5-686-02-020-002	20		
BP400-30	5-686-02-030-002	30		
BP400-40	5-686-02-040-002	40		
BP410-30	5-686-04-030-002	30		
BP411-20	5-686-04-020-003	20		
BP411-30	5-686-04-030-003	30		
BP412-20	5-686-04-020-004	20		
BP412-30	5-686-04-030-004	30		
BP412-40	5-686-04-040-004	40		
BP412-50	5-686-04-050-004	50		

APPLICATION: _____





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	6.8 (172)	8.2 (208)	1.7 (42)	3.1 (79)	1.0 (24)	1.21 (31)	3/4"	0.01 (0.03)	0.13 (0.01)	3 (1.4)
BP400-20	6.8 (172)	8.2 (208)	1.7 (42)	3.1 (79)	1.0 (24)	2.02 (51)	3/4"	0.01 (0.03)	0.13 (0.01)	3.5 (1.6)
BP400-30	6.8 (172)	8.2 (208)	1.7 (42)	3.1 (79)	1.0 (24)	2.83 (72)	3/4"	0.01 (0.03)	0.13 (0.01)	4 (1.8)
BP400-40	6.8 (172)	8.2 (208)	1.7 (42)	3.1 (79)	1.0 (24)	3.64 (92)	3/4"	0.01 (0.03)	0.13 (0.01)	7 (3.2)
BP410-30	9.8 (250)	12.2 (310)	2.0 (50)	4.4 (112)	1.0 (24)	3.22 (82)	1"	0.02 (0.06)	0.3 (0.03)	9 (4.1)
BP411-20	9.8 (250)	12.2 (310)	2.0 (50)	4.4 (112)	1.0 (24)	2.28 (58)	1"	0.02 (0.06)	0.3 (0.03)	7 (3.2)
BP411-30	9.8 (250)	12.2 (310)	2.0 (50)	4.4 (112)	1.0 (24)	3.22 (82)	1"	0.02 (0.06)	0.3 (0.03)	9 (4.1)
BP412-20	9.8 (250)	12.2 (310)	2.0 (50)	4.4 (112)	1.0 (24)	2.28 (58)	1"	0.02 (0.06)	0.3 (0.03)	7 (3.2)
BP412-30	9.8 (250)	12.2 (310)	2.0 (50)	4.4 (112)	1.0 (24)	3.22 (82)	1"	0.02 (0.06)	0.3 (0.03)	9 (4.1)
BP412-40	9.8 (250)	12.2 (310)	2.0 (50)	4.4 (112)	1.0 (24)	4.16 (106)	1"	0.02 (0.06)	0.3 (0.03)	11 (5)
BP412-50	9.8 (250)	12.2 (310)	2.0 (50)	4.4 (112)	1.0 (24)	5.10 (130)	1"	0.02 (0.06)	0.3 (0.03)	13 (5.9)

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



Bell & Gossett

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