Form No. 8000-12 (11/99)

# BRYAN

## **Condensate Transfer Stations**

Condensate rates from 1,500 PPH (3.0 GPM) to 15,000 PPH (30.0 GPM)



In most heating systems, condensate, and sometimes steam, is trapped out of heaters, kettles, hot presses, molds, absorbers, and other equipment and drained to a return unit having given up some of its heat in the process. If a trap malfunctions, the condensate can be passed to the return unit at a much higher temperature causing the return unit to fail. When using Bryan Condensate Transfer Stations as the return unit, this problem is overcome because they are designed to eliminate cavitation at higher temperatures. In addition, Bryan Condensate Transfer Stations are designed to handle the higher load placed on them during cold starts and are supplied with reliable pumps that are designed to handle hotter water and develop higher pressures at lower speeds.

Bryan Condensate Transfer Stations are ideal for remote or non-accessible locations where unattended, dependable performance is essential.

#### **Bryan Condensate Transfer Stations Features**

#### Construction

Bryan Condensate Transfer Stations can be supplied for either simplex or duplex operations. Simplex units can be converted to duplex operations in the field if an upgrade is required for receivers larger than eight gallons. Users can specify either cast iron or 3/16 inch (4.8 mm) steel receivers with receiver capacities ranging from 8 to 50 gallons (30 to 189 liters). A safety reserve is provided in these capacities to

handle water at up to 10 psi (0.68 bar) above the selected discharge pressure. Safety venting to the atmosphere is required. Units will deliver hot water at temperatures up to 200°F (93°C) and will not vapor bind at 210°F (98°C).

Electrical equipment is generally mounted at least 1 foot (0.305 m) above floor level for safety and to maintain pumping if flooding occurs.

Bryan Condensate Transfer units are supplied with an internal pump that operates at 1750 rpm. Pumps, which are mounted vertically on top of the receiver, are leak proof and easy to maintain.

Floats are set at the factory to provide about 2 inches (5.08 cm) of water level variation between start and stop. This insures frequent recycling and smaller condensate transfers at higher temperatures, thus improving overall efficiency of the boiler system.

Settings for both float switches and mechanical alternators can be field adjusted. All units can be provided with optional pressure gauges for the pump discharge. An optional thermometer can be provided for the receiver.

#### **Electrical**

Motor sizes range from 1/4 hp to 2 hp and operate at 1750 rpm. Operating voltages are 115/230 volt single phase or 230/460 volt three phase. Enclosed motors are available as an option. Electrical options are available. Consult your Bryan representative for more information.

### Bryan Condensate Transfer Stations

Condensate Rate	Condensate Rate	Pressure	GPM		Receiver Capacity		Pump	Unit Number	
3.0 gpm (0.68 m³/h)					Simplex	Duplex	Discharge Size	Iron	Steel Receiver
3.0 gpm (0.68 m³/h)		10 (0.68)	6.0 (1.36)		8 (30)	15 (57)		B-6F	B-6S
1,500 PPH (680 kg/h)  40 (2.72) 6.0 (1.36) 1/2 8 (30) 15 (57) 1.1/4" B-3F B-37S 60 (4.08) 6.0 (1.36) 1/2 8 (30) 15 (57) 1.1/4" B-37F B-37S 60 (4.08) 6.0 (1.36) 1/2 8 (30) 15 (57) 1.1/4" B-3F B-37S 60 (4.08) 6.0 (1.36) 1 8 (30) 15 (57) 1.1/4" B-3F B-38S 60 (4.08) 6.0 (1.36) 1 8 (30) 15 (57) 1.1/4" B-3F B-38S 60 (4.08) 6.0 (1.36) 1 8 (30) 15 (57) 1.1/4" B-3F B-38S 60 (4.08) 15 (1.02) 10.0 (2.27) 1/3 8 (30) 15 (57) 1" B-2FF B-27S 60 (4.08) 10.0 (2.27) 1/3 8 (30) 15 (57) 1" B-2FF B-27S 60 (4.08) 10.0 (2.27) 1/3 8 (30) 15 (57) 1" B-2FF B-27S 60 (4.08) 10.0 (2.27) 1/2 8 (30) 15 (57) 1" B-2FF B-27S 60 (4.08) 10.0 (2.27) 1/2 8 (30) 15 (57) 1" B-2FF B-27S 60 (4.08) 10.0 (2.27) 3/4 8 (30) 15 (57) 1.1/4" B-38F B-38S 60 (4.08) 10.0 (2.27) 3/4 8 (30) 15 (57) 1.1/4" B-38F B-38S 60 (4.08) 10.0 (2.27) 3/4 8 (30) 15 (57) 1.1/4" B-38F B-38S 60 (4.08) 10.0 (2.27) 3/4 8 (30) 15 (57) 1.1/4" B-38F B-38S 60 (4.08) 10.0 (2.27) 3/4 8 (30) 15 (57) 1.1/4" B-2FF B-2FS 60 (4.08) 10.0 (2.27) 3/4 8 (30) 15 (57) 1.1/4" B-2FF B-2FS 60 (4.08) 10.0 (2.27) 3/4 8 (30) 15 (57) 1.1/4" B-2FF B-2FS 60 (4.08) 10.0 (2.27) 1.1/2 8 (30) 15 (57) 1.1/4" B-2FF B-2FS 60 (4.08) 10.0 (2.27) 1.1/2 8 (30) 15 (57) 1.1/4" B-2FF B	or	15 (1.02)	6.0 (1.36)	1/4	8 (30)	15 (57)	1″	-	
1,500 PPH (680 kg/h)  40 (272) 6.0 (1.36) 1/2 8 (30) 15 (57) 1-1/4" B-37F B-37S B-37S GO (3.40) 6.0 (1.36) 1/2 8 (30) 15 (57) 1-1/4" B-39F B-38S B-38S GO (4.08) 6.0 (1.36) 1 8 (30) 15 (57) 1-1/4" B-39F B-38S B-38S GO (4.08) 6.0 (1.36) 1 8 (30) 15 (57) 1 1/4" B-39F B-38S B-38S GO (4.08) 10.0 (2.27) 1/3 8 (30) 15 (57) 1" B-22F B-27S GO (4.08) 10.0 (2.27) 1/3 8 (30) 15 (57) 1" B-22F B-27S GO (4.08) 10.0 (2.27) 1/3 8 (30) 15 (57) 1" B-27F B-27S GO (4.08) 10.0 (2.27) 1/3 8 (30) 15 (57) 1" B-27F B-27S GO (4.08) 10.0 (2.27) 1/2 8 (30) 15 (57) 1" B-27F B-27S GO (4.08) 10.0 (2.27) 1/2 8 (30) 15 (57) 1" B-27F B-28S GO (4.08) 10.0 (2.27) 1/2 8 (30) 15 (57) 1" B-27F B-28S GO (4.08) 10.0 (2.27) 3/4 8 (30) 15 (57) 1-1/4" B-38F B-38S GO (4.08) 10.0 (2.27) 3/4 8 (30) 15 (57) 1-1/4" B-38F B-38S GO (4.08) 10.0 (2.27) 1-1/2 8 (30) 15 (57) 1-1/4" B-38F B-38S GO (4.08) 10.0 (2.27) 1-1/2 8 (30) 15 (57) 1-1/4" B-38F B-38S GO (4.08) 10.0 (2.27) 1-1/2 8 (30) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 3/4 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 1/2 15 (57) 15 (57) 1-1/4" B-25F B-25S GO (4.08) 15.0 (3.41) 3/4 23 (37) 23 (37) 1-1/4" B-35F B-35S B-35S GO (4.08) 15.0 (3.41) 3/4 23 (37) 23 (37) 1-1/4" B-35F B-35S B-35S GO (4.08) 15 (3.08) 3.0 (3.08) 13 3/4 23 (37) 23 (37) 1-1/4" B-35F B-35S B-35S B-35		20 (1.36)	6.0 (1.36)	1/4	8 (30)	15 (57)	1″	B-6F	B-6S
50 (3.40) 6.0 (1.36) 1/2 8 (30) 15 (57) 1-1/4" B-3F B-37F B-37S 60 (4.08) 6.0 (1.36) 1 8 (30) 15 (57) 1-1/4" B-39F B-39S			6.0 (1.36)		8 (30)	15 (57)			
60 (4.08)   6.0 (1.36)   1   8 (30)   15 (57)   1-1/4"   B-39F   B-3		40 (2.72)	6.0 (1.36)		` ,	15 (57)	1-1/4″	B-37F	B-37S
10 (0.68) 10.0 (2.27) 1/4 8 (30) 15 (57) 1" B-26F B-26S 15 (10.02) 10.0 (2.27) 1/3 8 (30) 15 (57) 1" B-27F B-27S B-27S 2,500 PPH (1134 kg/h) 40 (2.72) 10.0 (2.27) 1/2 8 (30) 15 (57) 1" B-27F B-27S B-27S 30 (2.04) 10.0 (2.27) 3/4 8 (30) 15 (57) 1" B-29F B-29S		50 (3.40)	6.0 (1.36)	1/2	8 (30)	15 (57)	1-1/4″	B-37F	B-37S
15 (1.02)   10.0 (2.27)   1/3   8 (30)   15 (57)   1"   B-27F   B-27		60 (4.08)	6.0 (1.36)	1	8 (30)	15 (57)	1-1/4″	B-39F	B-39S
5.0 gpm (1.14 m²/h) or 2,500 PPH (1134 kg/h) 40 (2.72) 10.0 (2.27) 31/2 8 (30) 15 (57) 1" B-29F B-29S B-29S B-38S 60 (4.08) 10.0 (2.27) 31/4 8 (30) 15 (57) 1-11/4" B-38F B-38S B-38S 60 (4.08) 10.0 (2.27) 31/4 8 (30) 15 (57) 1-11/4" B-38F B-38S B-		10 (0.68)	10.0 (2.27)	1/4	8 (30)	15 (57)	1″	B-26F	B-26S
0		15 (1.02)	10.0 (2.27)	1/3	8 (30)	15 (57)	1″	B-27F	B-27S
2,500 PPH (1134 kg/h)  40 (2.72) 10.0 (2.27) 3/4 8 (30) 15 (57) 1-1/4" B-38F B	or	20 (1.36)	10.0 (2.27)	1/3	8 (30)	15 (57)	1″	B-27F	B-27S
So (3.40)   10.0 (2.27)   3/4   8 (30)   15 (57)   1-1/4"   B-38F   B-38S		30 (2.04)	10.0 (2.27)	1/2	8 (30)	15 (57)	1″	B-29F	B-29S
10,0 (a,0 (a,0 (a,0 (a,0 (a,0 (a,0 (a,0 (		40 (2.72)	10.0 (2.27)		8 (30)	15 (57)	-	B-38F	B-38S
7.5 gpm (1.70 m³/h) or 3,750 PPH (1701 kg/h) or 5,000 PPH (2268 kg/h) or 5,000 PPH (2268 kg/h) or 7,50 ppm (3.41 m³/h) or 7,50 ppm (3.41 m³/h) or 6,000 PPH (3402 kg/h) or 7,50 ppm (3.47 m³/h) or 8,750 PPH (3402 kg/h) or 10,0 gpm (3.47 m³/h) or 20,0 (3.48 m³/h) or 20,0 (3.49 m³/h) or 30,0 (3.49		50 (3.40)	10.0 (2.27)	3/4	8 (30)	15 (57)	1-1/4″	B-38F	B-38S
7.5 gpm (1.70 m³/h) 7.5 gp		60 (4.08)	10.0 (2.27)	1-1/2	8 (30)	15 (57)	1-1/4″	B-61F	B-61S
7.5 gpm (1.70 m³/h)	or	10 (0.68)	15.0 (3.41)	1/3	15 (57)	15 (57)	1-1/4″	B-23F	B-23S
or         30 (2.04)         15.0 (3.41)         3/4         15 (57)         15 (57)         1-1/4"         B-48F         B-48S           3,750 PPH (1701 kg/h)         40 (2.72)         15.0 (3.41)         1 1 15 (57)         15 (57)         1-1/4"         B-50F         B-50S           50 (3.40)         15.0 (3.41)         1 -1/2         15 (57)         15 (57)         1-1/4"         B-69F         B-69S         B-69S         B-68S         B-68S         B-68F         B-28S		15 (1.02)	15.0 (3.41)	1/2	15 (57)	15 (57)	1-1/4"	B-25F	B-25S
3,750 PPH (1701 kg/h)  40 (2.72) 15.0 (3.41) 1 15 (57) 15 (57) 1-1/4" B-50F B-50S (50 (3.40) 15.0 (3.41) 1-1/2 15 (57) 15 (57) 1-1/4" B-62F B-62S (60 (4.08) 15.0 (3.41) 2 15 (57) 15 (57) 1-1/4" B-68F B-68S (60 (4.08) 15.0 (3.41) 2 15 (57) 15 (57) 1-1/4" B-68F B-68S (57) 15 (57) 1-1/4" B-68F B-68S (57) 15 (57) 1-1/4" B-68F B-68S (57) 15 (57) 1-1/4" B-2F B-2S (57) 15 (57) 1-1/4" B-3F B-3S (57) 15 (57) 1-1/4" B-3F B-3S (57) 15 (57) 1-1/4" B-58F B-58S (57) 15 (57) 1-1/4" B-58F B-58S (57) 15 (57) 1-1/4" B-58F B-58S (58) 1-1/2 B-78F B-78S (58) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 1-1/4" B-58F B-58S (58) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57) 15 (57)		20 (1.36)	15.0 (3.41)	1/2	15 (57)	15 (57)	1-1/4″	B-25F	B-25S
10.0 gpm (2.27 m³/h)   15.0 (3.41)   1-1/2   15 (57)   15 (57)   1-1/4"   B-62F   B-62S   B-62S		30 (2.04)	15.0 (3.41)	3/4	15 (57)	15 (57)	1-1/4″	B-48F	B-48S
10.0 gpm (2.27 m³/h) or   10 (0.68)   20.0 (4.54)   1/2   15 (57)   15 (57)   1-1/4"   B-68F   B-68S			15.0 (3.41)	1	15 (57)	15 (57)	1-1/4″	B-50F	B-50S
10.0 gpm (2.27 m³/h) or 15 (10.02) 20.0 (4.54) 1/2 15 (57) 15 (57) 1-1/4" B-2F B-2S B-2S B-2S B-2S B-2S B-2S B-2S B-2S		50 (3.40)	15.0 (3.41)	1-1/2	15 (57)	15 (57)	1-1/4″	B-62F	B-62S
10.0 gpm (2.27 m³/h) or 5,000 PPH (2268 kg/h)		60 (4.08)	15.0 (3.41)	2	15 (57)	15 (57)	1-1/4″	B-68F	B-68S
20 (1.36) 20.0 (4.54) 3/4 15 (57) 15 (57) 1-1/4" B-3F B-3S B-59S B	or	10 (0.68)	20.0 (4.54)	1/2	15 (57)	15 (57)	1-1/4″	B-2F	B-2S
or 5,000 PPH (2268 kg/h)         20 (1.36)         20.0 (4.54)         3/4         15 (57)         15 (57)         1-1/4"         B-3F         B-3S           5,000 PPH (2268 kg/h)         30 (2.04)         20.0 (4.54)         1         15 (57)         15 (57)         1-1/4"         B-59F         B-59S           15 (0.22)         20.0 (4.54)         1-1/2         15 (57)         15 (57)         1-1/4"         B-62F         B-62F           15 (0.68)         30.0 (6.81)         3/4         23 (87)         23 (87)         1-1/4"         B-58F         B-58S           15 (1.02)         30.0 (6.81)         3/4         23 (87)         23 (87)         1-1/4"         B-58F         B-58S           7,500 PPH (3402 kg/h)         30 (2.04)         30.0 (6.81)         3/4         23 (87)         23 (87)         1-1/4"         B-58F         B-58S           17.5 gpm (3.97 m³/h) or         10 (0.68)         35.0 (7.95)         3/4         23 (87)         23 (87)         1-1/2"         B-74F         B-74S           17.5 gpm (3.97 m³/h) or         10 (0.68)         35.0 (7.95)         3/4         23 (87)         23 (87)         1-1/2"         B-74F         B-74F           15 (1.02)         35.0 (7.95)         1         23 (87)		15 (1.02)	20.0 (4.54)	1/2	15 (57)	15 (57)	1-1/4"	B-2F	B-2S
5,000 PPH (2268 kg/h)  30 (2.04) 20.0 (4.54) 1 15 (57) 15 (57) 1-1/4" B-59F B-59S B-		20 (1.36)	20.0 (4.54)	3/4	15 (57)	15 (57)	1-1/4"	B-3F	B-3S
40 (2.72) 20.0 (4.54) 1-1/2 15 (57) 15 (57) 1-1/4" B-62F B-62S 50 (3.40) 20.0 (4.54) 2 15 (57) 15 (57) 1-1/2" B-75F B-75S 10 (0.68) 30.0 (6.81) 3/4 23 (87) 23 (87) 1-1/4" B-58F B-58S 15.0 gpm (3.41 m³/h) 15 (1.02) 30.0 (6.81) 3/4 23 (87) 23 (87) 1-1/4" B-58F B-58S B-58S 7,500 PPH (3402 kg/h) 30 (2.04) 30.0 (6.81) 1-1/2 23 (87) 23 (87) 1-1/4" B-58F B-58S B-58S 7,500 PPH (3402 kg/h) 10 (0.68) 35.0 (7.95) 3/4 23 (87) 23 (87) 1-1/2" B-74F B-74S 15 (1.02) 35.0 (7.95) 1 23 (87) 23 (87) 1-1/2" B-74F B-74S 15 (1.02) 35.0 (7.95) 1 23 (87) 23 (87) 1-1/2" B-72F B-72S 15 (1.02) 35.0 (7.95) 1 23 (87) 23 (87) 1-1/2" B-72F B-72S 15 (1.02) 35.0 (7.95) 1 23 (87) 23 (87) 1-1/2" B-78F B-78S 15 (1.02) 35.0 (7.95) 1 23 (87) 23 (87) 1-1/2" B-78F B-78S 15 (1.02) 35.0 (7.95) 1 23 (87) 23 (87) 1-1/2" B-78F B-78S 15 (1.02) 40.0 (9.08) 3/4 35 (132) 35 (132) 1-1/2" B-80F B-80S 15 (1.02) 40.0 (9.08) 1 35 (132) 35 (132) 1-1/2" B-82F B-82S 15 (1.02) 40.0 (9.08) 1 35 (132) 35 (132) 1-1/2" B-82F B-82S 15 (1.02) 50.0 (11.36) 1 35 (132) 35 (132) 1-1/2" B-87F B-87S 15 (1.02) 50.0 (11.36) 1 35 (132) 35 (132) 1-1/2" B-89F B-89S 12,500 PPH (5670 kg/h) 20 (1.36) 50.0 (11.36) 1-1/2 35 (132) 35 (132) 1-1/2" B-89F B-89S 12,500 PPH (5670 kg/h) 20 (1.36) 50.0 (11.36) 1-1/2 35 (132) 35 (132) 1-1/2" B-89F B-89S 12,500 PPH (5670 kg/h) 20 (1.36) 50.0 (11.36) 1-1/2 35 (132) 35 (132) 1-1/2" B-89F B-89S		30 (2.04)	20.0 (4.54)	1	15 (57)	15 (57)	1-1/4″	B-59F	B-59S
10 (0.68) 30.0 (6.81) 3/4 23 (87) 23 (87) 1-1/4" B-58F B-58S C		40 (2.72)	20.0 (4.54)	1-1/2	15 (57)	15 (57)	1-1/4″	B-62F	B-62S
15.0 gpm (3.41 m³/h) or 20 (1.36) 30.0 (6.81) 3/4 23 (87) 23 (87) 1-1/4" B-58F B-58S B-74S		50 (3.40)	20.0 (4.54)	2	15 (57)	15 (57)	1-1/2″	B-75F	B-75S
or         20 (1.36)         30.0 (6.81)         3/4         23 (87)         23 (87)         1-1/4"         B-58F         B-58SF           7,500 PPH (3402 kg/h)         30 (2.04)         30.0 (6.81)         1-1/2         23 (87)         23 (87)         1-1/2"         B-74F         B-74F         B-74F           40 (2.72)         30.0 (6.81)         1-1/2         23 (87)         23 (87)         1-1/2"         B-74F         B-74F         B-74F           17.5 gpm (3.97 m³/h) or         10 (0.68)         35.0 (7.95)         3/4         23 (87)         23 (87)         1-1/2"         B-74F         B-74F         B-74F           8,750 PPH (3969 kg/h)         10 (0.68)         35.0 (7.95)         1         23 (87)         23 (87)         1-1/2"         B-72F         B-72F         B-72S           20.0 gpm (4.54 m³/h) or         10 (0.68)         40.0 (9.08)         3/4         35 (132)         35 (132)         1-1/2"         B-80F         B-80S           10,000 PPH (4536 kg/h)         10 (0.68)         40.0 (9.08)         1         35 (132)         35 (132)         1-1/2"         B-82F         B-82S           25.0 gpm (5.68 m³/h) or         10 (0.68)         50.0 (11.36)         1         35 (132)         35 (132)         1-1/2"         B	or	10 (0.68)	30.0 (6.81)	3/4	23 (87)	23 (87)	1-1/4″	B-58F	B-58S
7,500 PPH (3402 kg/h)  30 (2.04) 30.0 (6.81) 1-1/2 23 (87) 23 (87) 1-1/2" B-74F B-74F  40 (2.72) 30.0 (6.81) 1-1/2 23 (87) 23 (87) 1-1/2" B-74F B-74F  17.5 gpm (3.97 m³/h) or  8,750 PPH (3969 kg/h)  20 (1.36) 35.0 (7.95) 1 23 (87) 23 (87) 1-1/2" B-72F B-72S		15 (1.02)	30.0 (6.81)	3/4	23 (87)	23 (87)	1-1/4"	B-58F	B-58S
40 (2.72) 30.0 (6.81) 1-1/2 23 (87) 23 (87) 1-1/2" B-74F B-74F  17.5 gpm (3.97 m³/h) or 15 (1.02) 35.0 (7.95) 1 23 (87) 23 (87) 1-1/2" B-72F B-72S 8,750 PPH (3969 kg/h) 20 (1.36) 35.0 (7.95) 1 23 (87) 23 (87) 1-1/2" B-72F B-72S 20.0 gpm (4.54 m³/h) or 10 (0.68) 40.0 (9.08) 1 35 (132) 35 (132) 1-1/2" B-82F B-82S 10,000 PPH (4536 kg/h) 20 (1.36) 40.0 (9.08) 1 35 (132) 35 (132) 1-1/2" B-82F B-82S 10,000 PPH (4536 kg/h) 10 (0.68) 50.0 (11.36) 1 35 (132) 35 (132) 1-1/2" B-87F B-87S 12,500 PPH (5670 kg/h) 20 (1.36) 50.0 (11.36) 1-1/2 35 (132) 35 (132) 1-1/2" B-89F B-89S 1-89S		20 (1.36)	30.0 (6.81)	3/4	23 (87)	23 (87)	1-1/4″	B-58F	B-58S
17.5 gpm (3.97 m³/h) or 8,750 PPH (3969 kg/h)  10 (0.68) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 15 (1.02) 16 (7.95) 17 (23 (87) 17 (23 (87) 17 (23 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18 (87) 18		30 (2.04)	30.0 (6.81)	1-1/2	23 (87)	23 (87)		B-74F	B-74S
15 (1.02) 35.0 (7.95) 1 23 (87) 23 (87) 1-1/2" B-72F B-72S B		40 (2.72)	30.0 (6.81)	1-1/2	23 (87)	23 (87)	1-1/2″	B-74F	B-74S
or     15 (1.02)     35.0 (7.95)     1     23 (87)     23 (87)     23 (87)     1-1/2"     B-72F     B-72F     B-72F       8,750 PPH (3969 kg/h)     20 (1.36)     35.0 (7.95)     1     23 (87)     23 (87)     23 (87)     1-1/2"     B-78F     B-78F       20.0 gpm (4.54 m³/h) or     10 (0.68)     40.0 (9.08)     3/4     35 (132)     35 (132)     1-1/2"     B-80F     B-80F       15 (1.02)     40.0 (9.08)     1     35 (132)     35 (132)     1-1/2"     B-82F     B-82F       10,000 PPH (4536 kg/h)     20 (1.36)     40.0 (9.08)     1     35 (132)     35 (132)     1-1/2"     B-82F     B-82F       25.0 gpm (5.68 m³/h) or     10 (0.68)     50.0 (11.36)     1     35 (132)     35 (132)     1-1/2"     B-87F     B-87S       15 (1.02)     50.0 (11.36)     1-1/2     35 (132)     35 (132)     1-1/2"     B-87F     B-87S       25.0 gpm (5.68 m³/h)     10 (0.68)     50.0 (11.36)     1-1/2     35 (132)     35 (132)     1-1/2"     B-87F     B-87S       15 (1.02)     50.0 (11.36)     1-1/2     35 (132)     35 (132)     1-1/2"     B-89F     B-89S       12,500 PPH (5670 kg/h)     20 (1.36)     50.0 (11.36)     1-1/2     35 (132)     35 (132)	or	10 (0.68)	35.0 (7.95)	3/4	23 (87)	23 (87)	1-1/2"	B-70F	B-70S
8,750 PPH (3969 kg/h)  20 (1.36) 35.0 (7.95) 1 23 (87) 1-1/2" B-72F B-72S 30 (2.04) 35.0 (7.95) 2 23 (87) 23 (87) 1-1/2" B-78F B-78S B-80S		15 (1.02)	35.0 (7.95)	1	23 (87)	23 (87)	1-1/2"	B-72F	B-72S
20.0 gpm (4.54 m³/h) or 10 (0.68) 40.0 (9.08) 1 35 (132) 35 (132) 1-1/2" B-82F B-82S		20 (1.36)	35.0 (7.95)	1	23 (87)	23 (87)	1-1/2"	B-72F	B-72S
25.0 gpm (5.68 m³/h)  15 (1.02) 40.0 (9.08) 1 35 (132) 35 (132) 1-1/2" B-82F B-82S  20 (1.36) 40.0 (9.08) 1 35 (132) 35 (132) 1-1/2" B-82F B-82S  30 (2.04) 40.0 (9.08) 2 35 (132) 35 (132) 1-1/2" B-90F B-90S  25.0 gpm (5.68 m³/h)  or  15 (1.02) 50.0 (11.36) 1 35 (132) 35 (132) 1-1/2" B-87F B-87S  12,500 PPH (5670 kg/h)  20 (1.36) 50.0 (11.36) 1-1/2 35 (132) 35 (132) 1-1/2" B-89F B-89S		30 (2.04)	35.0 (7.95)	2	23 (87)	23 (87)	1-1/2"	B-78F	B-78S
or     15 (1.02)     40.0 (9.08)     1     35 (132)     35 (132)     1-1/2"     B-82F     B-82F       10,000 PPH (4536 kg/h)     20 (1.36)     40.0 (9.08)     1     35 (132)     35 (132)     1-1/2"     B-82F     B-82F       30 (2.04)     40.0 (9.08)     2     35 (132)     35 (132)     1-1/2"     B-90F     B-90F       25.0 gpm (5.68 m³/h)     10 (0.68)     50.0 (11.36)     1     35 (132)     35 (132)     1-1/2"     B-87F     B-87S       0r     15 (1.02)     50.0 (11.36)     1-1/2     35 (132)     35 (132)     1-1/2"     B-89F     B-89S       12,500 PPH (5670 kg/h)     20 (1.36)     50.0 (11.36)     1-1/2     35 (132)     35 (132)     1-1/2"     B-89F     B-89S	or	10 (0.68)	40.0 (9.08)	3/4	35 (132)	35 (132)	1-1/2"	B-80F	B-80S
10,000 PPH (4536 kg/h) 20 (1.36) 40.0 (9.08) 1 35 (132) 35 (132) 1-1/2" B-82F B-82S		15 (1.02)	40.0 (9.08)	1			1-1/2"	B-82F	B-82S
30 (2.04) 40.0 (9.08) 2 35 (132) 35 (132) 1-1/2" B-90F B-90S 25.0 gpm (5.68 m³/h) 10 (0.68) 50.0 (11.36) 1 35 (132) 35 (132) 1-1/2" B-87F B-87S 0r 15 (1.02) 50.0 (11.36) 1-1/2 35 (132) 35 (132) 1-1/2" B-89F B-89S 12,500 PPH (5670 kg/h) 20 (1.36) 50.0 (11.36) 1-1/2 35 (132) 35 (132) 1-1/2" B-89F B-89S			40.0 (9.08)	1	35 (132)		1-1/2"	B-82F	B-82S
or     15 (1.02)     50.0 (11.36)     1-1/2     35 (132)     35 (132)     1-1/2"     B-89F     B-89F       12,500 PPH (5670 kg/h)     20 (1.36)     50.0 (11.36)     1-1/2     35 (132)     35 (132)     1-1/2"     B-89F     B-89F	. 5,555 1 1 1 (4500 kg/ll)	30 (2.04)	40.0 (9.08)	2			1-1/2"	B-90F	B-90S
or     15 (1.02)     50.0 (11.36)     1-1/2     35 (132)     35 (132)     1-1/2"     B-89F     B-89F       12,500 PPH (5670 kg/h)     20 (1.36)     50.0 (11.36)     1-1/2     35 (132)     35 (132)     1-1/2"     B-89F     B-89F	25.0 gpm (5.68 m³/h)	10 (0.68)	50.0 (11.36)	1	35 (132)	35 (132)	1-1/2"	B-87F	B-87S
12,500 PPH (5670 kg/h) 20 (1.36) 50.0 (11.36) 1-1/2 35 (132) 35 (132) 1-1/2" B-89F B-89S									B-89S
00.0 (0.043/15)	12,500 PPH (5670 kg/h)	20 (1.36)	50.0 (11.36)						B-89S
∎3∪.∪ gpm (o.ŏ i mº/n)   1∪ (∪.oŏ)   o∪.∪ (13.o3)  1-1/2   5∪ (189)   5∪ (189)   1-1/2"   B-94F   B-94S	30.0 gpm (6.81 m³/h)	10 (0.68)	60.0 (13.63)	1-1/2	50 (189)	50 (189)	1-1/2"	B-94F	B-94S
	j. , ,	` '	` '		` ′	· · · ·			B-96S
									B-96S

Dimensions and specifications are subject to change without notice. Consult factory for certified dimensions.



P.O.Box 27, Peru, Indiana 46970-0027 U.S.A. Phone: 765-473-6651 • Internet: www.bryanboilers.com Fax: 765-473-3074 • E-mail: bryanboilers@iquest.net