

## PARKER BOILER CO. COMPOUND USE SCHEDULE FOR ST FEEDER WITH PERISTALTIC PUMP

The charts below show the amount of treatment for each size boiler. Add the compound to tank, then fill the balance of the tank to near the top with soft water and stir thoroughly. Compound #633 or PB677 usage is based on 1 oz. per horsepower per 8 hours. Compound #647 return line treatment usage is based on 1 oz. per 100 gallons of return condensate assuming 100% returns. Compound #647 is USDA approved but should not be used in applications where steam is in contact with milk, milk products or humidification. Oxygen scavenger is recommended in all boilers 50 HP and larger and smaller boilers that required 80% or more raw water make-up.

<b>I. COMPOUND FOR 15 GALLON TANK - PROVIDES UP TO 192 HOURS OF OPERATION</b>				
	<b>TOTAL HORSEPOWER</b>	<b>COMPOUND #633 OR PB677</b>	<b>COMPOUND #647</b>	<b>OXYGEN SCAVENGER</b>
	3 HP	72 OZ. = 4.4 PT.	24 OZ. = 1.6 PT.	2 LBS.
	7 HP	168 OZ. = 5.2 QT.	56 OZ. = 3.6 PT.	4 LBS.
	9.5 HP	240 OZ. = 7.6 QT.	76 OZ. = 4.8 PT.	5 LBS.
	15 HP	360 OZ. = 11.2 QT.	120 OZ. = 7.6 PT.	7 LBS.
	20 HP	480 OZ. = 15.2 QT.	160 OZ. = 5.2 QT.	10 LBS.
	25 HP	600 OZ. = 4.8 GAL.	200 OZ. = 6.4 QT.	12 LBS.
	30 HP	720 OZ. = 5.6 GAL.	240 OZ. = 7.6 QT.	15 LBS.
	40 HP	960 OZ. = 7.6 GAL.	320 OZ. = 10 QT.	20 LBS.
	50 HP	1200 OZ. = 9.2 GAL.	400 OZ. = 12.4 QT.	24 LBS.
<b>II. COMPOUND FOR 30 GALLON TANK - PROVIDES UP TO 384 HOURS OF OPERATION</b>				
	3 HP	144 OZ. = 4.4 QT.	48 OZ. = 3.2 PT.	4 LBS.
	7 HP	336 OZ. = 10.4 QT.	112 OZ. = 7.2 PT.	8 LBS.
	9.5 HP	480 OZ. = 15.2 QT.	152 OZ. = 4.8 PT.	10 LBS.
	15 HP	720 OZ. = 5.6 GAL.	240 OZ. = 7.6 QT.	14 LBS.
	20 HP	960 OZ. = 7.6 GAL.	320 OZ. = 10.4 QT.	20 LBS.
	25 HP	1200 OZ. = 9.6 GAL.	400 OZ. = 12.8 QT.	24 LBS.
	30 HP	1440 OZ. = 11.2 GAL.	480 OZ. = 15.2 QT.	30 LBS.
	40 HP	1920 OZ. = 15.2 GAL.	640 OZ. = 5.2 GAL.	40 LBS.
	50 HP	2400 OZ. = 18.4 GAL.	800 OZ. = 6.4 GAL.	48 LBS.
<b>III. COMPOUND FOR 50 GALLON TANK - PROVIDES UP TO 640 HOURS OF OPERATION</b>				
	3 HP	240 OZ. = 7.33 QT.	80 OZ. = 5.33 PT.	6.67 LBS.
	7 HP	560 OZ. = 17.33 QT.	186.67 OZ. = 12 PT.	13.33 LBS.
	9.5 HP	800 OZ. = 25.33 QT.	253.33 OZ. = 8 PT.	16.67 LBS.
	15 HP	1200 OZ. = 9.33 GAL.	400 OZ. = 12.67 QT.	23.33 LBS.
	20 HP	1600 OZ. = 12.67 GAL.	533.33 OZ. = 17.33 QT.	33.33 LBS.
	25 HP	2000 OZ. = 16 GAL.	666.67 OZ. = 21.33 QT.	40 LBS.
	30 HP	2400 OZ. = 18.67 GAL.	800 OZ. = 25.33 QT.	50 LBS.
	40 HP	3200 OZ. = 25.33 GAL.	1066.67 OZ. = 8.67 GAL.	66.67 LBS.
	50 HP	4000 OZ. = 30.67 GAL.	1333.33 OZ. = 10.67 GAL.	80 LBS.

<b>CONVERSION TABLE</b>	<b>CONVERSION TABLE</b>
1 PINT = 16 OZ.	5 PINTS = 80 OZ.
2 PINTS = 32 OZ. = 1 QUART	6 PINTS = 96 OZ. = 3 QUARTS
3 PINTS = 48 OZ.	7 PINTS = 112 OZ.
4 PINTS = 64 OZ. = 2 QUARTS	8 PINTS = 128 OZ. = 1 GALLON

**NOTE:** Above compound quantities are based on a single boiler with the feeder wired to operate the compound feeder only in conjunction with boiler feed pump motor. In all cases, final adjustment of compound proportions must be made based on accurate Water Analysis as shown in Boiler Operation and Maintenance Manual. For 70 - 150 H.P. and chemicals other than Parker Compound consult chemical supplier.