

PARKER BOILER CO.
TABLE 1
CONVERSION FACTORS

POWER

<u>MULTIPLY</u>	<u>BY</u>	<u>TO OBTAIN</u>
HORSEPOWER	33,500	B.T.U./HR.
HORSEPOWER	34.5	LBS. OF STEAM/HR.
HORSEPOWER	34.5	LBS. OF WATER EVAPORATED/HR.
HORSEPOWER	4.14	GAL. OF WATER EVAPORATED/HR.
HORSEPOWER	140	SQ. FT. E.D.R. - STEAM
HORSEPOWER	223.1	SQ. FT. E.D.R. - WATER
E.D.R. - STEAM	240	B.T.U./HR.
E.D.R. - WATER	150	B.T.U./HR.
E.D.R. - STEAM	.00717	HORSEPOWER
E.D.R. - WATER	.00448	HORSEPOWER
B.T.U./HR.	.00003	HORSEPOWER
B.T.U./HR.	.0042	E.D.R. - STEAM
B.T.U./HR.	.0067	E.D.R. - WATER
LBS. OF STEAM/HR.	.029	HORSEPOWER
LBS. OF WATER/HR.	.029	HORSEPOWER
GAL. OF WATER/HR.	.242	HORSEPOWER

PRESSURE

P.S.I.	2.307	FEET OF WATER
P.S.I.	27.684	INCHES OF WATER
FEET OF WATER	.434	P.S.I.
INCHES OF WATER	.036	P.S.I.

**LIQUID
OR
VOLUME**

GAL. OF WATER	8.34	POUND OF WATER
GALLONS	.1337	CUBIC FEET
CUBIC FEET	7.48	GALLONS
CUBIC FEET	62.4	POUNDS OF WATER
POUNDS OF WATER	.120	GALLONS
POUND OF WATER	.016	CUBIC FEET
PPM	.058	GRAINS/GAL.
GRAINS/GAL.	17.12	PPM
CUPS	8	OUNCES - FLUID
PINTS	16	OUNCES - FLUID
QUARTS	32	OUNCES - FLUID
GALLONS	128	OUNCES - FLUID

TEMPERATURE

DEGREE C	1.8	DEGREE F + 32
DEGREE F - 32	.555	DEGREE C

FLOW

G.P.M. (GAL./MIN.)	.1337	C.F.M. (CU. FT./MIN.)
C.F.M.	7.48	G.P.M.
G.P.M.	8.02	C.F.H (CU. FT./HR.)
C.F.H.	.125	G.P.M.
C.F.M.	448.8	G.P.H. (GAL./HR.)
G.P.H.	.0022	C.F.M.