

# MFW-100


**POWERHOUSE**

## EQUIPMENT DESCRIPTION

Complete boiler feedwater deaerator system mounted, piped, and wired inside two 20' stackable connex containers. Deaerator tank, located in the upper container, is constructed in accordance with ASME Section VIII code requirements. Water treatment and supply, located in the lower container, including a duplex softener system, chemical feed, and high pressure feedwater pumps. Controls and safety equipment are included and installed for immediate use. A single main power disconnect is provided for single electrical connection.

## GENERAL INFORMATION

POWERHOUSE MODEL	MFW-100	
TRAILER TYPE	CONTAINERIZED - STACKABLE	
DEAERATOR MANUFACTURER	INDUSTRIAL STEAM	
DEAERATOR MODEL	30SF5-DM	
DEAERATOR STORAGE	2,415	GALLONS
DESIGN M.A.W.P.	50	PSIG
PUMP MANUFACTURER	GOULDS	
FEEDWATER PUMP MODEL	46SV-10/2	
FEEDWATER OUTPUT FLOW	100,000	PPH
FEEDWATER OUTPUT PRESSURE	470	PSIG

## CONNECTIONS & DIMENSIONS



CONNECTIONS		
STEAM	6.0"	300# FLG.
CITY WATER	3.0"	150# FLG.
CONDENSATE RETURN	3.0"	150# FLG.
OVERFLOW & DRAIN	2.0"	150# FLG.
PUMP DISCHARGE	3.0"	300# FLG.
SOFTENER REGEN DRAIN	2.0"	NPT
INSTRUMENT AIR	0.75"	NPT
ELECTRICITY		
VOLTAGE	480/3/60	V/PH/HZ
AMPERAGE (FLA)	220	AMPS
DIMENSIONS		
OVERALL LENGTH	20' 06"	
OVERALL HEIGHT	19' 01"	
OVERALL WIDTH	08' 06"	
SHIPPING WEIGHT	60,000	LBS
OPERATING WEIGHT	90,000	LBS

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