



VOLUME OF THE SR 3.0
= 365 CUBIC INCHES

NOZZLE

	SIZE	SERVICE	DESCRIPTION
(A)	3"	STEAM INLET	BLACK THREADED PIPE
(B)	2"	STEAM OUTLET	BLACK THREADED PIPE

DESIGN DATA

LOCATION	PRESSURE, PSIG		TEMPERATURE, F°	
	DESIGN	TEST	DESIGN	TEST
SHELL	150	195	400	70

CUBIC VOLUME OF SR 3.0 AND 2'
OF 2" NEAR BOILER HEADER PIPE
= 365 + 75 = 440 CUBIC INCHES

A STANDARD 3" STEAM HEADER
LESS THE SEPARATOR (3.5')
= ONLY 296 CUBIC INCHES

UNION STEAM

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STEAM SEPARATOR SR - 3.0