WELCOME TO:

SLIDE SHOW PRESENTATION

THIS SLIDE SHOW PRESENTATION WILL AUTOMATICALLY START IN APPROXIMATELY 15 SECONDS AFTER YOU START THE SLIDE SHOW, AND IT WILL DISPLAY THE ENTIRE PRESENTATION AUTOMATICALLY, WITH 15 SECONDS DELAY BETWEEN SLIDES.

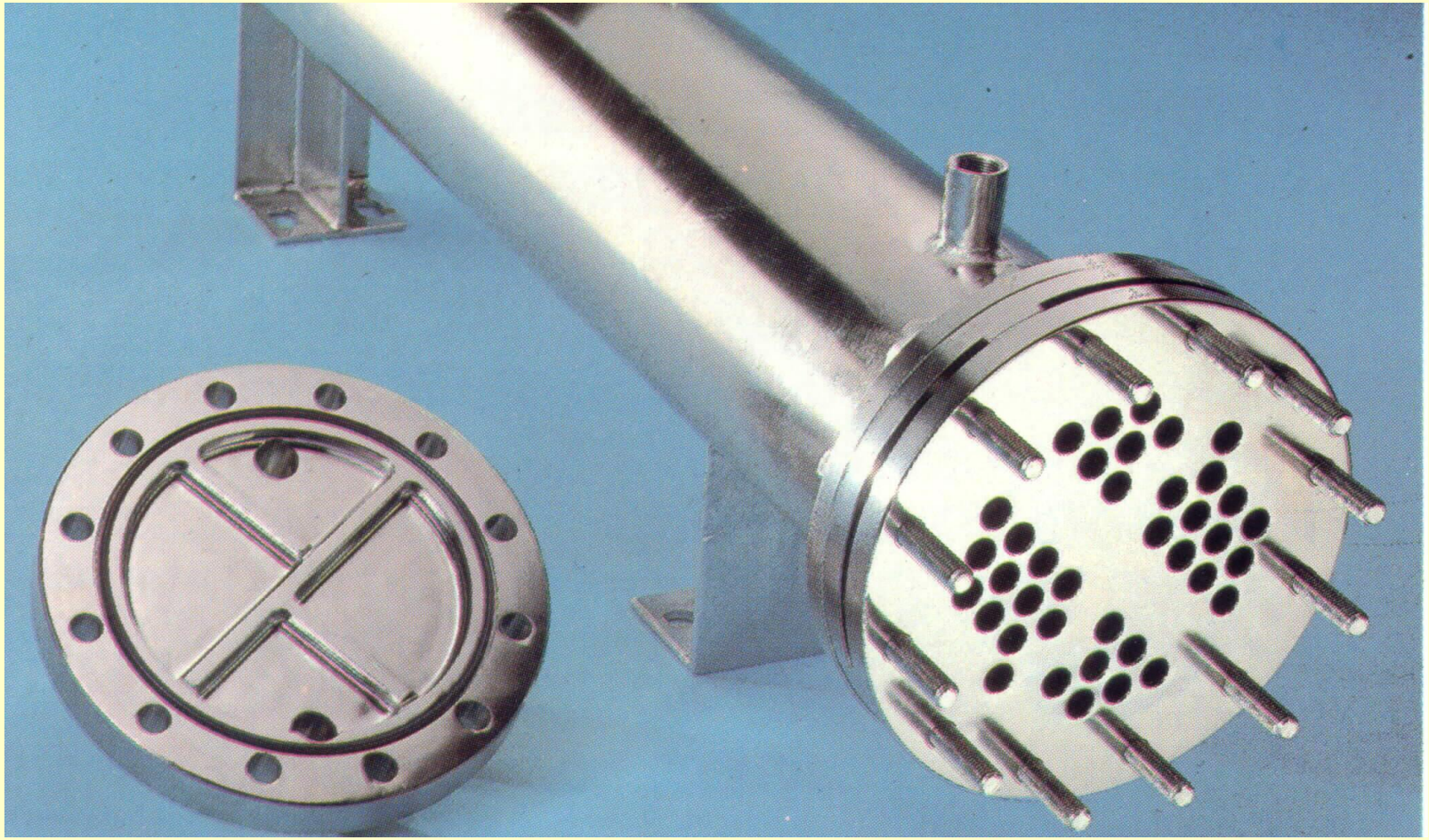
Yula

CORPORATION

330 BRYANT AVE.
BRONX, N.Y. 10474

PRESENTATION OF SANITARY AND INDUSTRIAL HEAT EXCHANGERS

SANITARY HEAT EXCHANGERS

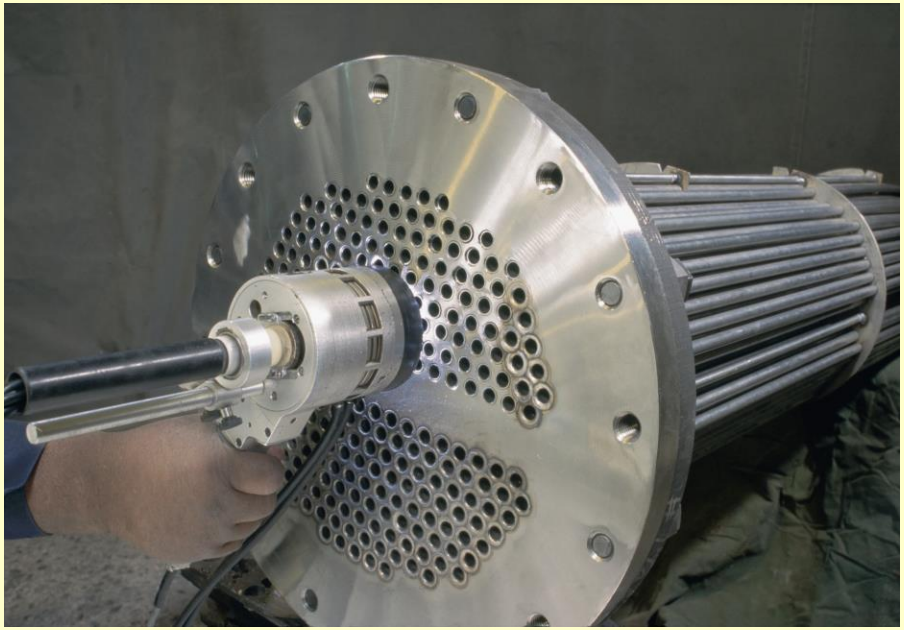


HOGGED OUT BILLET HEADS OUT OF SOLID PLATE, ENSURES THAT THERE ARE NO CREVICES AFTER INTRICATE POLISHING

MANUFACTURING CONCEPTS

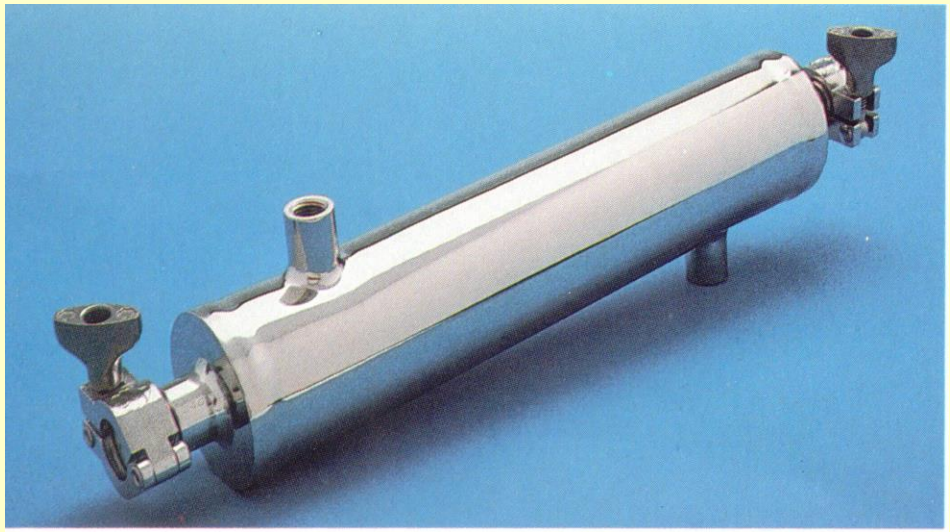
MACHINED O-RING GROOVE AS CLOSE TO THE TRICLAMPS AS POSSIBLE ASSURES NO DEAD LEG FOR BACTERIAL GROWTH AND ALLOWS FOR FULL DRAINABILITY OF TUBESIDE

SANITARY TUBESHEET SEAL WELDING AND POLISHING



HAND POLISHED TUBESHEET FACES AND TUBE TO TUBESHEET SEAL WELDS, ENSURES NO CREVICES ON PRODUCT SIDE

DOUBLE PIPE AND VERTICALY DESIGNED SANITARY EXCHANGERS



DOUBLE PIPE SANITARY EXCHANGERS ALSO AVAILABLE WITH THE SAME INTRICATE POLISHING AS OUR SHELL AND TUBE EXCHANGERS

SANITARY EXCHANGER CLEANING AND INSPECTION

UNITS ARE INSPECTED THOROUGHLY AND CLEANED ON THE PRODUCT SIDE WITH CARE TO ENSURE FDA ACCEPTANCE

EXCHANGERS ARE CUSTOM DESIGNED AND ENGINEERED

SKILLED ENGINEERING STAFF ASSURES OUR CUSTOM DESIGNED EXCHANGERS MEET YOUR REQUIREMENTS

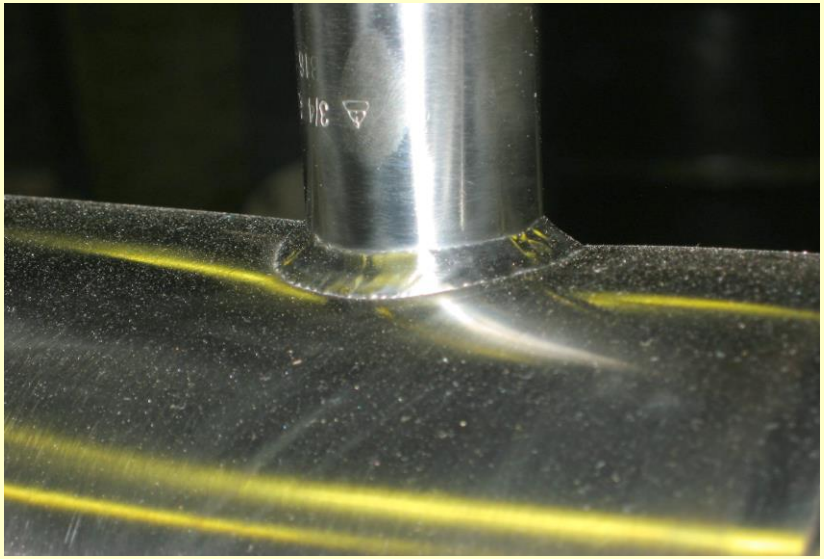
SANITARY EXCHANGER PREPARATION AND CLEANING

AFTER CLEANING AND PREP OF PRODUCT SIDE, OUR EXCHANGERS ARE BEAD BLASTED ON THE UTILITY SIDE FOR COSMETIC PURPOSES AND UNIFORMITY

CAREFULLY PACKAGED AND SHIPPED ON TIME

OUR UNITS ARE CAREFULLY PACKED OR SKIDDED AND SHIPPED ON TIME

QUALITY TIG WELDING



QUALITY TIG WELDED NOZZLE TO SHELL JOINTS AND JACKETED VESSELS BY OUR QUALIFIED WELDERS ENSURE QUALITY

POLISHED INDUSTRIAL UNITS

HIGH QUALITY POLISHED INDUSTRIAL BONNET HEADS ARE ALSO OUR SPECIALTY

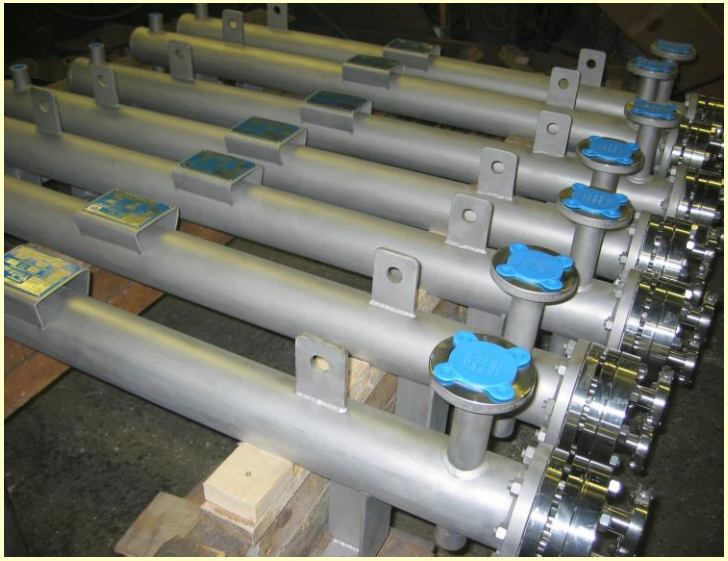
YULA CORPORATION COVERS JUST ABOUT ANY INDUSTRY

NO TASK IS TOO BIG OR SMALL FOR

YULA CORPORATION

…

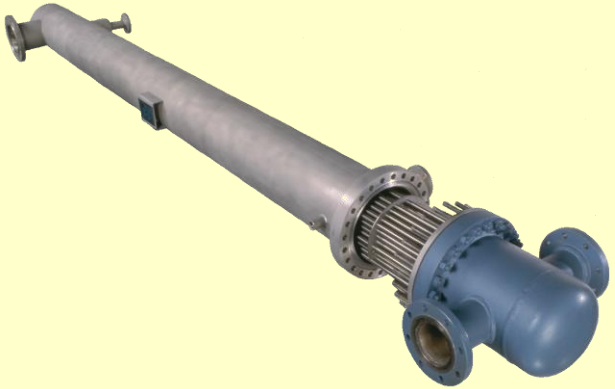
YULA COVERS A WIDE ARRAY OF INDUSTRIES TO SUPPLY CUSTOM DESIGNED EQUIPMENT TO



INDUSTRIAL & HVAC EXCHANGERS

FOR YEARS YULA CORPORATION HAS BEEN SUPPLYING THE INDUSTRIAL, CHEMICAL, AND HVAC INDUSTRIES WITH QUALITY HEAT EXCHANGERS

MULTIPLE STYLES OF INDUSTRIAL TYPE EXCHANGERS FOR YOUR NEED

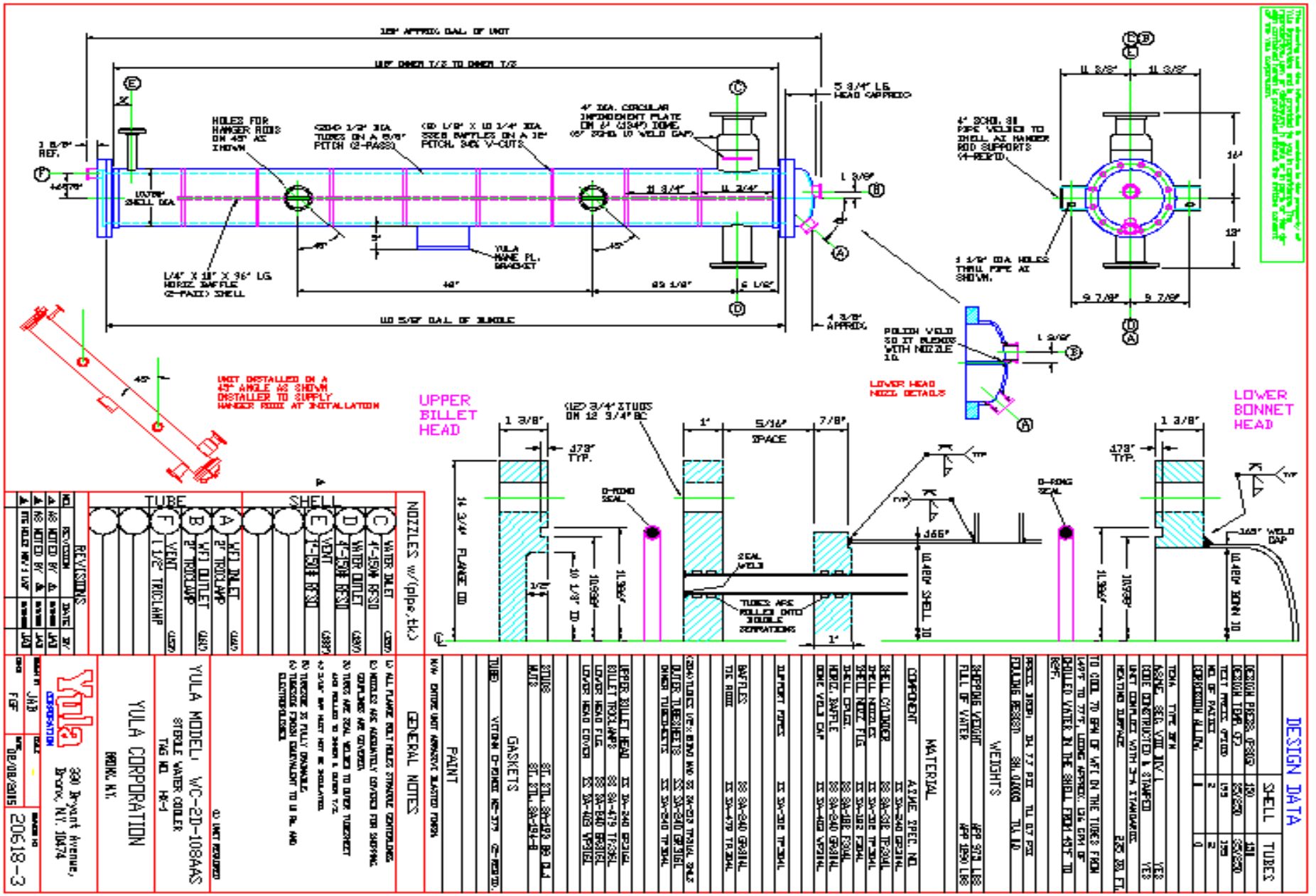


YULA SUPPLIES A VARIETY OF TEMA STYLE HEAT EXCHANGERS

SPECIAL EQUIPMENT TO MEET YOUR NEEDS

NO MATTER HOW SPECIAL YOUR REQUIREMENTS, YULA IS THERE TO MEET IT, AND DELIVER SUITABLE EQUIPMENT

YULA WILL SUPPLY DRAWINGS WITHIN 2 DAYS OF ORDER



YULA WILL SUPPLY DATA SHEETS WITHIN 2 DAYS OF INQUIRY

Yula Corporation Heat Exchanger Specification Sheet

CRB
DI WATER HEATER
EQUIPMENT NO: HEX-709

Size	4 / 36	in	Type	BEU	hor	Connected in	1	parallel	1	series
Surf/unit(eff.)	3	ft2	Shells/unit	1		Surf/shell (eff.)	3			ft2

PERFORMANCE OF ONE UNIT

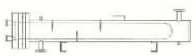
Fluid allocation		Shell Side		Tube Side	
Fluid name		30% PROP. GLYCOL		PURE WATER	
Fluid quantity, Total	lb/h	12843		7500	
Vapor (In/Out)	lb/h				
Liquid	lb/h	12843	12843	7500	7500
Noncondensable	lb/h				
Temperature (In/Out)	F	240	234	120	130
Dew / Bubble point	F				
Density	lb/ft3	60.349	60.44	61.865	61.705
Viscosity	cp	0.358	0.383	0.561	0.515
Molecular wt, Vap					
Molecular wt, NC					
Specific heat	BTU/(lb*F)	0.9735	0.9727	0.9998	0.9997
Thermal conductivity	BTU/(ft*h*F)	0.302	0.301	0.364	0.368
Latent heat	BTU/lb				
Inlet pressure (abs)	psi	100		100	
Velocity	ft/s	2.14		4.85	
Pressure dropAllowCalc	psi	5	1.637	5	0.571
Fouling resist. (min)	ft2*h*F/BTU	0.0002		0.0002	

Heat exchanged	74982	BTU/h		MTD corrected	111.90	F
Transfer rate, Service	195.71	Dirty	357.75	Clean	422.8	BTU/(h*ft2*F)

CONSTRUCTION OF ONE SHELL

		Shell Side	Tube Side
Design/Test pressure	psi	150 / Code	150 / Code
Design temperature	F	300	300
Number passes per shell		1	2
Corrosion allowance	in		
Connections	In	1.5 / 150 ANSI	1.5 / Tri-Clamp
Size/rating	Out	1.5 / 150 ANSI	1.5 / Tri-Clamp
in	Vent & Drain	/	/

Sketch



Tube No.	3Us	OD	0.75	TksAvg	0.049	in	Length	3	ft
Pitch	0.9375	in							
Tube type	Plain	(Seamless)	Material	SS316L	Tube pattern	30			
Shell	SS316L	ID	OD	4.5	in	Shell cover	SS316L		
Channel or bonnet	SS304L					Channel cover			
Tubesheet-stationary	SS316L / SS304L (Double)					Tubesheet-floating			
Floating head cover						Impingement protection	None		
Baffle-crossing	SS304L	Type	single seg	Cut(%d)	23	hor	Spacing: c/c	2	in
Baffle-long	Seal type					Inlet	4.875	in	
Supports-tube	U-bend					Type			
Bypass seal	Tube-tubesheet joint					exp./seal wld			
Expansion joint	Type								
RhoV2-Inlet nozzle	1056	Bundle entrance	152	Bundle exit	101	lb/(ft*s2)			
Gaskets - Shell side	Bluegard 3000 Full Face	Tube Side	Elastomers						
Floating head									
Code requirements	ASME Code Sec VIII Div 1			TEMA class					
Weight/Shell	173.4	Filled with water	193.3	Bundle	15.2	lb			
Remarks									

TUBESIDE: 20 RA YULA MODEL: WCV-2AA-30BS

Filename: HEX-709

Engineers and Manufacturers of Heat Transfer equipment since 1926. Designers of process coolers and heaters, steam to water converters, water to water heat exchangers, high temperature hot water converters, unfired steam generators, fuel oil heaters, lube oil coolers, tank suction heaters, condensers, economizers, liquid heaters and coolers, sanitary heat exchangers. Stainless steels, nickel alloys, carbon steel and special alloys with full traceability. ASME, TEMA class B, C, R; API, Military, FDA, 3A, cGMP, and CE compliance.

Established in 1926, Yula Corporation has become the premier designer and fabricator of quality sanitary and industrial heat exchangers. Heat exchangers are our only product and, with Yula, custom design is standard. We manufacture heat exchangers that not only meet your specifications, but are exactly suited to your needs. Features and options can be designed in or out according to your particular project requirements.

THE END