

# API Pilot Plant Liquidation

## CENTRIFUGES



### 40" DIA BIRD BASKET CENTRIFUGE

40" BIRD TOLHURST MARK III HASTELLOY BASKET CENTRIFUGE. MAX DENSITY RATED 106 LB/CT FT. 40 HP RELIANCE MOTOR. 1775 RPM. SERIAL #TZ-110.

#13761

## 40" DIA BIRD BASKET CENTRIFUGE

USED 40" BIRD TOLHURST  
MARK III HASTELLOY BASKET  
CENTRIFUGE. MAX DENSITY  
RATED 106 LB/CT FT. 40 HP  
RELIANCE MOTOR. 1775 RPM.  
SERIAL #TZ-109.

#13772



## CHILLERS



#13773

## 60 TON TEMPEST CHILLER

USED TEMPEST 60 TON CHILLER.  
400 PSI CS SHELL, 150 PSIG  
COPPER TUBES. MODEL LTWC-60F.  
R507A REFRIGERANT. (2) 125 HP  
COMPRESSORS. ALLEN BRADLEY  
CONTROLS. SERIAL #2177-1204.  
BUILT 2013.



#13774

## 60 TON TEMPEST CHILLER

USED TEMPEST 60 TON CHILLER. 125HP. 362PSI. 400PSI CS SHELL, 150 PSIG TUBES. MODEL LTXC-60F. SERIAL #2177-1204. BUILT 2013.

## COLUMNS

### 18 " DIA CERAMIC COATINGS PACKED COLUMN | #13753

USED APPROX 18"DIA SCRUBBER COLUMN. MFG CERAMIC COATING CO. RATED 150PSIG@450F. NATIONAL BOARD # 1616. SERIAL #7.43307. BUILT 1997.

### 18 " DIA CERAMIC COATINGS PACKED COLUMN | #13767

USED 18" DIA SCRUBBER COLUMN. MFG CERAMIC COATINGS CO. 150PSIG@450F. NATIONAL BOARD # 1613. SERIAL #7.43305. BUILT 1997.

## TEMPERATURE CONTROL SKIDS

### TEMPERATURE CONTROL SKID | #13776

USED TEMPERATURE CONTROL SKID. BUDZAR 88 GPM PUMP. APPLETON ELECTRIC CONTROLS. BUILT 1997.

### TEMPERATURE CONTROL SKID | #13777

USED TEMPERATURE CONTROL SKID. BUDZAR 88 GPM PUMP. APPLETON ELECTRIC CONTROLS. BUILT 1997.

### TEMPERATURE CONTROL SKID | #13778

USED TEMPERATURE CONTROL SKID. BUDZAR 88 GPM PUMP. APPLETON ELECTRIC CONTROLS. BUILT 1997.

**1 SQ METER COGEIM  
HASTELLOY NUTSCHE  
FILTER**

USED 1 SQ M COGEIM  
HASTELLOY FILTER DRYER.  
VESSEL RATED  
102PSI/FV@350F. JACKET  
MAWP 435PSI@350F. NATIONAL  
BOARD #305. Serial #1322. BUILT  
2000. REPAIR STAMP BY  
AMERICAN ALLOY FAB R-4943  
IN 2008.



#13762

HEAT EXCHANGERS

**14 SQ FT DE DIETRICH SHELL & TUBE  
HEAT EXCHANGER | #13752**

USED 14 SQ FT GLASS SHELLED TANTALUM  
CONDENSER. BUILT BY QVF DEDIETRICH. 1"OD  
TANTALUM HELICAL COIL. DESIGN PRESSURE  
SHELL: 10PSIG @392F, TUBE 150PSIG@392F. BUILT  
1997.

**40 SQ FT DE DIETRICH SHELL & TUBE  
HEAT EXCHANGER | #13756**

USED 40 SQ FT GLASS SHELLED TANTALUM  
CONDENSER. BUILT BY QVF DEDIETRICH. DESIGN  
PRESSURE SHELL 10 PSIG @392F, TUBE  
150PSIG@392F. BUILT 1997.

**26 SQ FT DE DIETRICH SHELL & TUBE  
HEAT EXCHANGER | #13759**

USED 26 SQ FT GLASS SHELLED TANTALUM  
CONDENSER. MFG ASTROCOSMOS METALLURGICAL.  
1"OD HELICAL COIL. DESIGN PRESSURE SHELL  
10PSIG@392F, SHELL 150PSIG@392F. BUILT 1997.

**40 SQ FT DE DIETRICH SHELL & TUBE  
HEAT EXCHANGER | #13765**

USED 40 SQ FT GLASS SHELLED TANTALUM  
CONDENSER. BUILT BY QVF DEDIETRICH. DESIGN  
PRESSURE SHELL 10 PSIG @392F, TUBE  
150PSIG@392F.

**14 SQ FT DE DIETRICH GLASS SHELLED  
PLATE & FRAME HEAT EXCHANGER |**

**#13769**

USED 14 SQ FT GLASS SHELLED TANTALUM  
CONDENSER. BUILT BY QVF DEDIETRICH. 1"OD  
TANTALUM HELICAL COIL. DESIGN PRESSURE  
SHELL: 10PSIG @392F, TUBE 150PSIG@392F.

**26 SQ FT DE DIETRICH GLASS SHELLED  
SHELL & TUBE HEAT EXCHANGER |**

**#13771**

USED 26 SQ FT GLASS SHELLED TANTALUM  
CONDENSER. MFG ASTROCOSMOS METALLURGICAL.  
1"OD HELICAL COIL. DESIGN PRESSURE SHELL  
10PSIG@392F, SHELL 150PSIG@392F.

### 500 GAL PFAUDLER GLASS LINED REACTOR

Used 500 Gallon Pfaudler Glass Lined Reactor. Internal Rated 100PSI/FV @450F. Jacket MAWP 150PSI@450F. XP Motor 5HP. Cone bottom. 14" x 18" Manway with sight glass. (2) .5" Lap Joint Flanges, (3) 1.5" Lap Joint flanges, (2) 2" Lap joint flanges, (7) 3" Split flanges, (1) 4" Split flange, (1) 4.375" Split flange. (3) Lug Mounted. National Board #49038. Serial #J014189. Built 1997. Shipping Dimensions: 167.4375"OAL x 60.1875" OD. Weight: 8579 lbs.



#13750



#13754

### 300 GAL PFAUDLER GLASS LINED REACTOR

Used 300 Gallon Pfaudler Glass Lined Reactor. Internal Rated 100/FV@450F. Jacket Rated 150PSI@450F. XP Motor 5HP. Cone bottom. 14" x 18" Manway with sight glass. (2) .5" Lap Joint Flanges, (3) 1.5" Lap Joint flanges, (2) 2" Lap joint flanges, (7) 3" Split flanges, (1) 4" Split flange, (1) 4.375" Split flange. (3) Lug Mounted. National Board #49034. Serial #J014187. Built 1997. Weight 6868 lbs. Dimensions: 142"OAL x 72.1875"OD

### 100 GAL DE DIETRICH GLASS LINED REACTOR

USED 100 GALLON DEDIETRICH GLASS LINED REACTOR. INTERNAL RATED 150PSI/FV@500F. JACKET RATED 100PSI/FV@500F. MOTOR .5-3HP. CONE BOTTOM. NATIONAL BOARD #177. SERIAL #1179. BUILT 1991.



#13757



#13763

### 300 GAL PRECISION STAINLESS, INC HASTELLOY REACTOR

USED 300 GALLON PRECISION STAINLESS INC. C-22 HASTELLOY REACTOR. VESSEL MAWP 100PSI@482F. 316L SS JACKET MAWP 150PSI@482F. MOTOR 8 3/5HP. NATIONAL BOARD # 7216. SERIAL #4653-1. BUILT 1998.

### 500 GAL PFAUDLER GLASS LINED REACTOR

USED 500 GALLON PFAUDLER GLASS LINED REACTOR. INTERNAL MAWP 100PSI/FV@450F. JACKET MAWP 150PSI@450F. NATIONAL BOARD #49036. SERIAL #J014188. BUILT 1997.



#13766

### 100 GAL DE DIETRICH GLASS LINED REACTOR

USED 100 GALLON DEDIETRICH GLASS LINED REACTOR. INTERNAL RATED 150PSI/FV@500F. JACKET MAWP 125PSIG@500F. MOTOR .5-3HP. CONE BOTTOM. NATIONAL BOARD #193. SERIAL #1176. BUILT 1991.



#13770

### 100 GAL PFAUDLER GLASS LINED TANK | #13751

USED 100 GALLON PFAULDER GLASS LINED RECEIVER. DISHED HEADS. 32" ID x 29" STRAIGHT SIDE. INTERNAL RATED 100 PSI/FV @ 450F. JACKET RATED 150 PSI @ 450F. DISH BOTTOM. TOP NOZZLES: 6", 4.375" HANDHOLE, (3) 2". 3" CBO. NATIONAL BOARD #49060. SERIAL #J014193. BUILT 1997. SHIPPING DIMENSIONS: 63.75" OAL x 49" W. WEIGHT: 2190 lbs.

### 50 GAL PFAUDLER GLASS LINED TANK | #13758

USED 50 GALLON PFAUDLER GLASS LINED RECEIVER. DISHED HEADS. 24" ID x 25" STRAIGHT SIDE. INTERNAL RATED 100 PSI/FV @ 450F. JACKET RATED 150 PSI @ 450F. DISH BOTTOM. TOP NOZZLES: 4", 4.375" HANDHOLE, (3) 2". 2" CBO. NATIONAL BOARD #. SERIAL #J014195. BUILT 1997. SHIPPING DIMS: 62"OAL X 47"W. WEIGHT: 1100 LBS.

### 100 GAL PFAUDLER GLASS LINED TANK | #13764

USED 100 GALLON PFAULDER GLASS LINED RECEIVER. INTERNAL RATED 100/FV@450F. JACKET RATED 150PSI@450F. NATIONAL BOARD #49054. SERIAL #J014190. BUILT 1998.

### 100 GAL PFAUDLER GLASS LINED TANK | #13755

USED 100 GALLON PFAULDER GLASS LINED RECEIVER. DISHED HEADS. 32" ID x 29" STRAIGHT SIDE. INTERNAL RATED 100 PSI/FV @ 450F. JACKET RATED 150 PSI @ 450F. DISH BOTTOM. TOP NOZZLES: 6", 4.375" HANDHOLE, (3) 2". 3" CBO. NATIONAL BOARD #49058. SERIAL #J014192. BUILT 1997. Shipping dimensions: 63.75" OAL x 49" W. Weight: 2190 lbs.

### 500 GAL CERAMIC COATINGS GLASS LINED TANK | #13760

USED 500 GALLON GLASS LINED HORIZONTAL TANK. MFG CERAMIC COATINGS CO. USED AS COLUMN BLOW DOWN TANK. MAWP INT 75PSI/FV@450F. NATIONAL BOARD 1615. SERIAL #6.43306. BUILT 1997.

### 100 GAL PFAUDLER GLASS LINED TANK | #13768

USED 100 GALLON PFAULDER GLASS LINED RECEIVER. INTERNAL RATED 100/FV@450F. JACKET RATED 150PSI@450F. NATIONAL BOARD #49062. SERIAL #J014194. BUILT 1997.

## VACUUM DRYERS

### 96 SQ FT STOKES VACUUM DRYER

USED 96 SQ FT STOKES 316L VACUUM DRYER. 300F@FV. 97.7 SQ FT SHELF 50 PSIG CONCURRENT WITH VAC IN CHAMBER. BUSCH VAC PUMP SYSTEM ON SEPARATE SKID. SERIAL #73756.



#13775