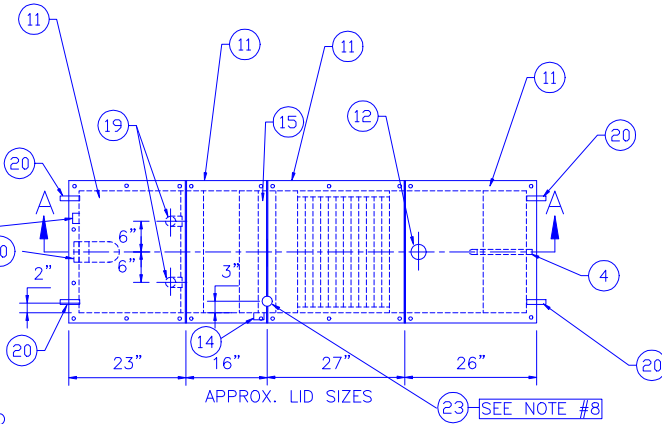


GENERAL SPECIFICATION

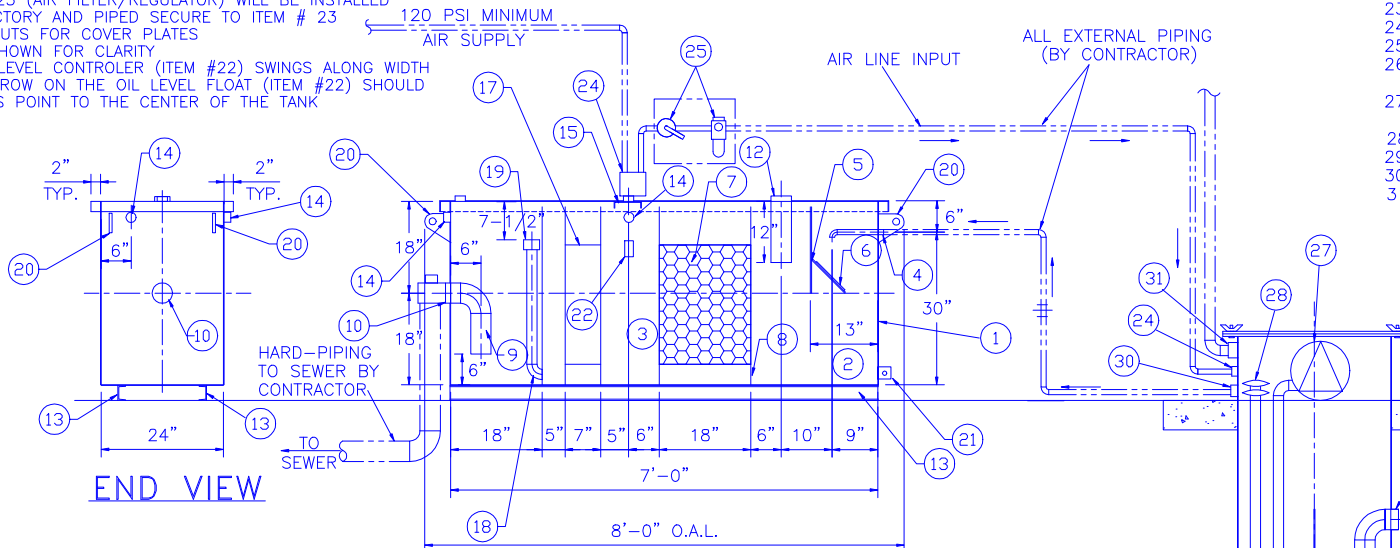
NO. REQ'D: ONE
 MODEL: AREO R-HT 300 W/ SUMP
 TEST: AIR 2.0 PSI
 GALLONS PER MINUTE: 25
 MAX. OIL STORAGE CAPACITY: 180 GALLONS
 GAUGE: 7GA THROUGHOUT
 ESTIMATED WEIGHT: 1,450 lbs.
 SURFACE PREP:
 SSSC NO.6 BLAST ALL EXTERIOR SURFACES
 COATING:
 INTERIOR- NONE
 EXTERIOR- EPOXY PRIMER & URETHANE
 TOP COAT (WHITE)
 CONSTRUCTION: BUTT FIT & WELD
 INSIDE & OUTSIDE SEAMS

NOTE:

- ALL INTERNAL MATERIAL IS 10 GA.
- ALL OPENINGS WILL HAVE STEEL PLUGS (SHIPPING INSTALLED W/ TANK)
- LIFTING LUGS DO NOT HAVE REINFORCING PLATES, LUGS PLACED APPROX. 6" DOWN FROM LID
- THE ENTIRE PARALLEL CORRUGATED FRAMMWORK W/ PLATES CAN BE REMOVED FROM THE TANK. EACH INDIVIDUAL PLATE IS REMOVABLE FROM THE FRAMEWORK
- ITEM #25 (AIR FILTER/REGULATOR) WILL BE INSTALLED AT FACTORY AND PIPED SECURE TO ITEM # 23
- WING NUTS FOR COVER PLATES NOT SHOWN FOR CLARITY
- FLOAT LEVEL CONTROLLER (ITEM #22) SWINGS ALONG WIDTH
- THE ARROW ON THE OIL LEVEL FLOAT (ITEM #22) SHOULD ALWAYS POINT TO THE CENTER OF THE TANK



PLAN VIEW



SECTION A-A

END VIEW

STANDARD EQUIPMENT

- OIL WATER SEPARATOR
- SEDIMENT CHAMBER
- OIL WATER SEPARATION CHAMBER
- 1"Ø THREADED INLET W/ PVC ELBOW PIPING
- VELOCITY HEAD DIFFUSION BAFFLE 10 GA
- WEAR PLATE (1/4")
- REMOVABLE PARALLEL PLASTIC COALESCER
- SLUDGE BAFFLE (10GA)
- 4"Ø OUTLET DOWNCOMER
- 4"Ø THREADED OUTLET W/ 4"ØX6"LONG PIPE NIPPLE
- (4) PIECE COVER (10 GA) W/ GASKET MATERIAL
- 3"Ø HALF COUPLING (FTG. FOR OIL PUMP-OUT) W/ INTERNAL PIPE
- C3 CHANNEL FOR SKID
- 2"Ø NPT (FITTING FOR VENT)
- 6" WIDE 7GA ACROSS TOP OF TANK W/ SENSOR FTG. WELDED INTO IT
- 1/2"Ø SAMPLE VALVE (NOT SHOWN FOR CLARITY)
- 6" COALESCER FRAMEWORK ONLY
- 2"Ø 90° ELBOW W/ 2"Ø HALF COUPLING ON TOP W/ PVC PIPE
- 2"Ø ADJUSTABLE FERNCO COUPLING
- LIFTING LUGS W/-OUT REINFORCING PLATE
- 3"X3"X1/4" FLAT W/ 1/2"Ø HOLE DRILLED IN CENTER (GROUNDING LUG)
- OIL LEVEL FLOAT AIR CONTROL
- 2"Ø NPT (FTG. FOR OIL FLOAT LEVEL CONTROLLER)
- 1/4"Ø NPT (FTG. FOR AIR LINES)
- FILTER / REGULATOR
- 4"Ø FULL COUPLING (GRIT CHAMBER INLET) W/ ELBOW & DOWNCOMER PIPE
- AIR OPERATED SELF CONTAINED GRIT CHAMBER PUMP W/ LEVEL CONTROLLER (AIR OPERATED)
- LEVEL SENSOR CONTROLLER W/ DROP TUBE
- GRIT CHAMBER SEE DETAIL DWG NO.990128M-B
- 3/4"Ø NPT (FTG. FOR DISCHARGE)
- 2"Ø NPT (FITTING FOR VENT)

CONTRACTOR FURNISHED EQUIPMENT

- 2"Ø VENT PIPING - NOT SHOWN
- EXTERNAL PUMP PIPING (WASTE WATER LINE)
- 2"Ø VENT
- 4"Ø OUTLET PIPING & FITTINGS
- 1/4" AIR LINE

CONCRETE (BY CONTRACTOR)

**AREO-POWER
 UNITIZED FUELER, INC.**

OIL WATER SEPARATOR

103 SMITHTOWN BLVD. SMITHTOWN, NY 11787

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CUSTOMER:

QUOTE:

PROJECT:

SCALE:	DATE:	DRN. BY:	CHKD BY:	DWG.#
1/2"=1'-0"	6-9-99			AREO R-HT300 W SMP

1/4"X8"X8" STRIKER PLATE