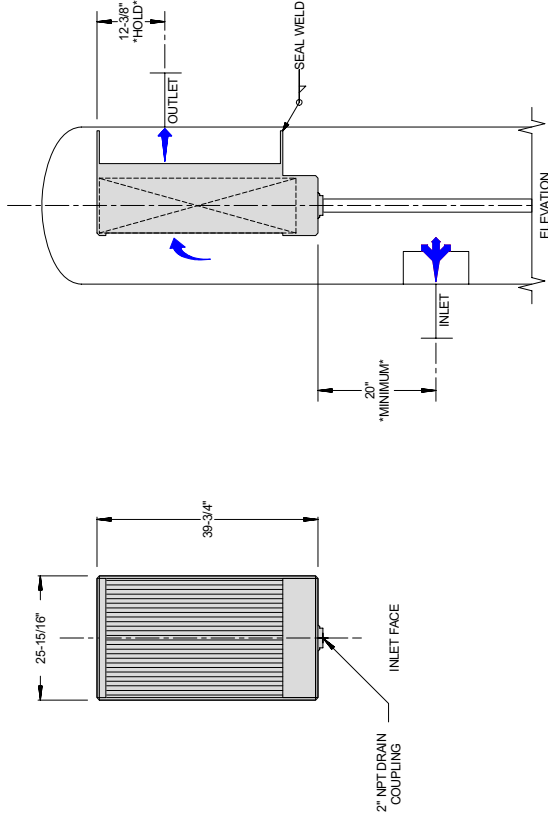


NOTE: VESSEL COMPONENTS AND DOWNCOMER, SHOWN BELOW TO ILLUSTRATE INSTALLATION REQUIREMENTS, ARE TO BE SUPPLIED BY VESSEL FABRICATOR

PLAN VIEW



**E-W-S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 77 MMSCFD  
 GAS SPECIFIC GRAVITY: 0.6226  
 OPERATING PRESSURE: 590 PSIG  
 OPERATING TEMPERATURE: 75 F  
 VESSEL SHELL: 34" ID (MINIMUM)  
 INLET & OUTLET NOZZLES: 10" NPS (MINIMUM)

**MATERIALS OF CONSTRUCTION**  
 VANES: T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL  
 ESTIMATED WEIGHT: 590 LB.

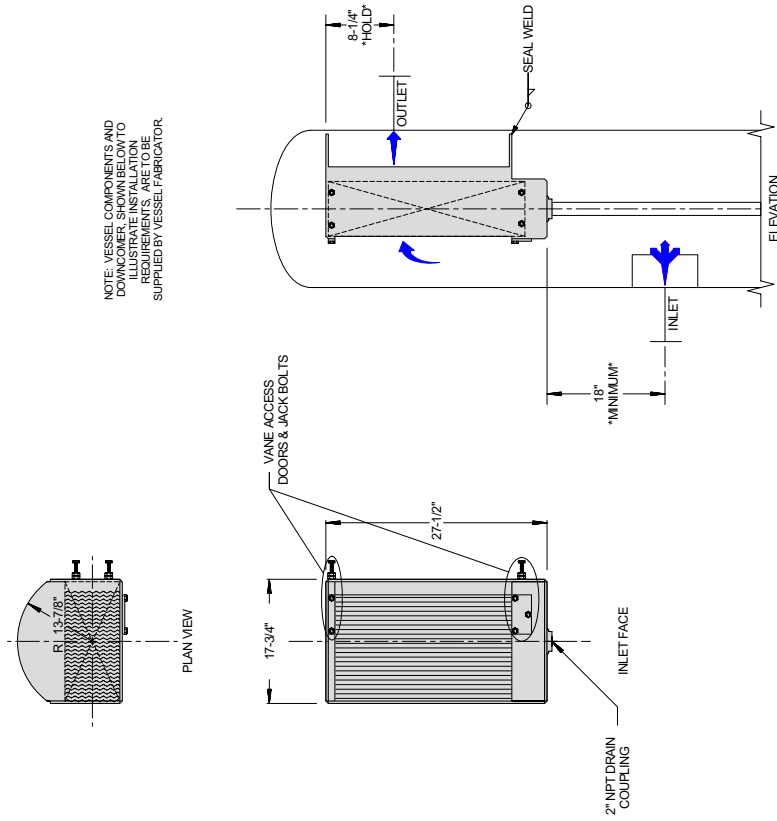
- INSTALLATION NOTES**
1. E-W-S RECOMMENDED INLET & OUTLET NOZZLE ELEVATIONS SHOWN RELATIVE TO MIST EXTRACTOR.
  2. MIST EXTRACTOR HOUSING IS CONTOURED TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
  3. VANE ELEMENTS ARE INDIVIDUALLY REMOVABLE FOR MAINTENANCE & CLEANING.
  4. DOWNCOMER MUST HAVE LIQUID IMMERSION SEAL IN SUMP (5" BELOW LOW LIQUID LEVEL).
  5. USE LATERAL INLET DEFLECTOR & CONTOUR OUTLET NOZZLE INTERNAL PROJECTION TO SHELL.
  6. NOT TO SCALE



DESCRIPTION: MODEL BS-1R  
 VANE MIST EXTRACTOR

PO NO.	REV.
DATE	DRAWN

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**E-W-S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 20 MMSCFD  
 GAS SPECIFIC GRAVITY: 1.54  
 OPERATING PRESSURE: 1,650 PSIG  
 OPERATING TEMPERATURE: 120 F  
 VESSEL SHELL: 28" ID  
 INLET & OUTLET NOZZLES: 6" NPS (MINIMUM)

**MATERIALS OF CONSTRUCTION**  
 VANES: T-316L STAINLESS STEEL  
 HOUSING: T-316L STAINLESS STEEL  
 ESTIMATED WEIGHT: 243 LB.

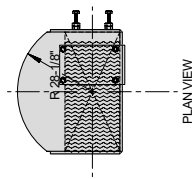
- INSTALLATION NOTES**
1. E-W-S RECOMMENDED INLET & OUTLET NOZZLE ELEVATIONS SHOWN RELATIVE TO MIST EXTRACTOR.
  2. MIST EXTRACTOR HOUSING IS CONTOURED TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
  3. VANE ELEMENTS ARE INDIVIDUALLY REMOVABLE FOR MAINTENANCE & CLEANING.
  4. DOWNCOMER MUST HAVE LIQUID IMMERSION SEAL IN SUMP (5" BELOW LOW LIQUID LEVEL).
  5. USE LATERAL INLET DEFLECTOR & CONTOUR OUTLET NOZZLE INTERNAL PROJECTION TO SHELL.
  6. NOT TO SCALE



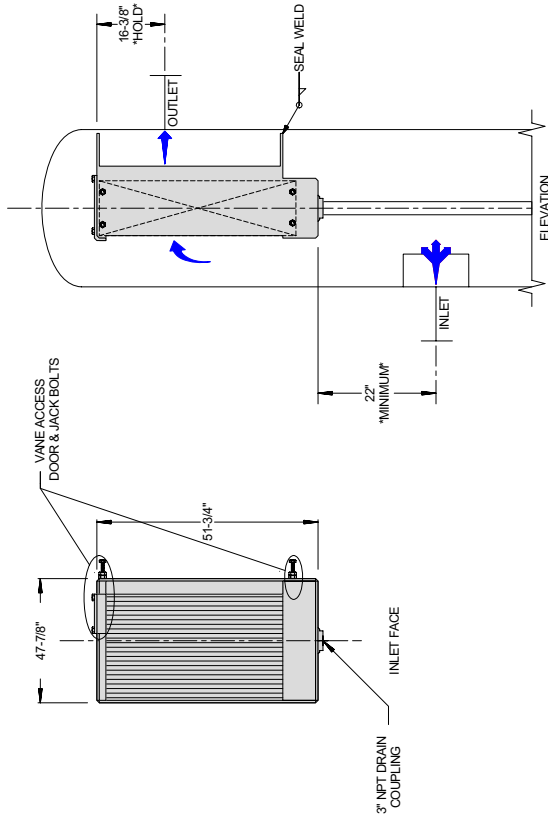
DESCRIPTION: MODEL BS-TR  
 VANE MIST EXTRACTOR

PO NO.	REV.
DATE	DRAWN

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NOTE: VESSEL COMPONENTS AND DOWNCOMER, SHOWN BELOW TO ILLUSTRATE INSTALLATION REQUIREMENTS, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.



**E-W-S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 90 MMSCFD  
 GAS SPECIFIC GRAVITY: 1.4723  
 OPERATING PRESSURE: 250 PSIG  
 OPERATING TEMPERATURE: 90 F  
 VESSEL SHELL: 56.5\"/>

**MATERIALS OF CONSTRUCTION**  
 VANES: T-316L STAINLESS STEEL  
 COALESCKER: CARBON STEEL  
 ESTIMATED WEIGHT: 1,627 LB.

**INSTALLATION NOTES**

1. E-W-S RECOMMENDED INLET & OUTLET NOZZLE ELEVATIONS SHOWN RELATIVE TO MIST EXTRACTOR.
2. MIST EXTRACTOR HOUSING IS CONToured TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
3. VANE ELEMENTS ARE INDIVIDUALLY REMOVABLE FOR MAINTENANCE & CLEANING.
4. DOWNCOMER MUST BE 1\"/>



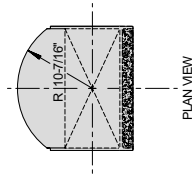
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 MACHINE WORKS, INC.  
 3117 COMMERCE ST. DALLAS, TX 75226  
 (972) 241-1111

DESCRIPTION: MODEL BS-1R  
 VANE MIST EXTRACTOR

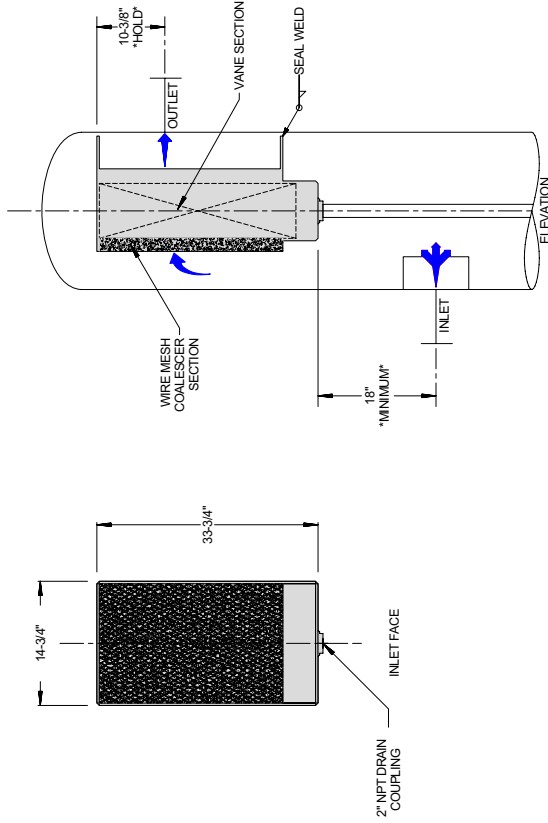
CUSTOMER:

PO NO.	810
DATE	DWMS

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NOTE: VESSEL COMPONENTS AND DOWNCOMER, SHOWN BELOW TO ILLUSTRATE INSTALLATION REQUIREMENTS, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.



**E-W-S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 180 MMSCFD  
 GAS SPECIFIC GRAVITY: 0.72  
 OPERATING PRESSURE: 536 PSIG  
 OPERATING TEMPERATURE: 13 F  
 VESSEL SHELL: 21\"/>

**MATERIALS OF CONSTRUCTION**  
 VANES: T-316L STAINLESS STEEL  
 COALESCKER: T-316 STAINLESS STEEL WIRE MESH & EXPANDED METAL GRID  
 HOUSING: CARBON STEEL OR T-316L STAINLESS STEEL  
 ESTIMATED WEIGHT: 361 LB.

**INSTALLATION NOTES**

1. UNIT INCLUDES HIGH EFFICIENCY STAINLESS STEEL WIRE MESH PAD COALESCKER OVER VANE INLET.
2. E-W-S RECOMMENDED INLET & OUTLET NOZZLE ELEVATIONS SHOWN RELATIVE TO MIST EXTRACTOR.
3. MIST EXTRACTOR HOUSING IS CONToured TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
4. DOWNCOMER MUST BE 1\"/>

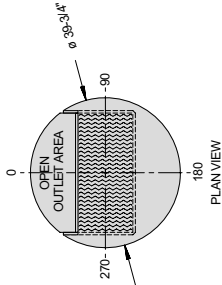


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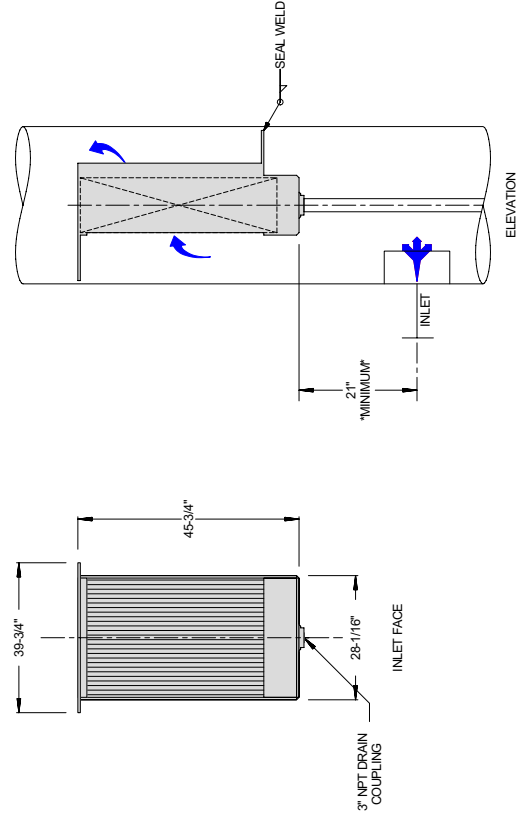
DESCRIPTION: MODEL BS-4C  
 VANE MIST EXTRACTOR

PO NO.	
DATE	DWMS

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NOTE: VESSEL COMPONENTS AND DOWNCOMER, SHOWN BELOW TO ILLUSTRATE INSTALLATION REQUIREMENTS, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.



**E-W S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 94 MMSCFD  
 GAS SPECIFIC GRAVITY: 0.635  
 OPERATING PRESSURE: 450 PSIG  
 OPERATING TEMPERATURE: 80 F  
 VESSEL SHELL: 40" ID (MINIMUM)  
 INLET & OUTLET NOZZLES: 10" NPS (MINIMUM)

**MATERIALS OF CONSTRUCTION**  
 VANES: CARBON STEEL OR T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL  
 ESTIMATED WEIGHT: 789 LB.

**INSTALLATION NOTES**

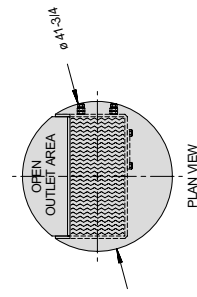
1. E-W S RECOMMENDED INLET & OUTLET NOZZLE ELEVATIONS SHOWN RELATIVE TO MIST EXTRACTOR.
2. MIST EXTRACTOR HOUSING IS CONTOURED TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
3. VANE ELEMENTS ARE INDIVIDUALLY REMOVABLE FOR MAINTENANCE & CLEANING.
4. DOWNCOMER MUST HAVE LIQUID IMERSION SEAL IN SLUMP (6" BELOW LOW LIQUID LEVEL).
5. USE LATERAL INLET DEFLECTOR & CONTOUR OUTLET NOZZLE INTERNAL PROJECTION TO SHELL.
6. NOT TO SCALE



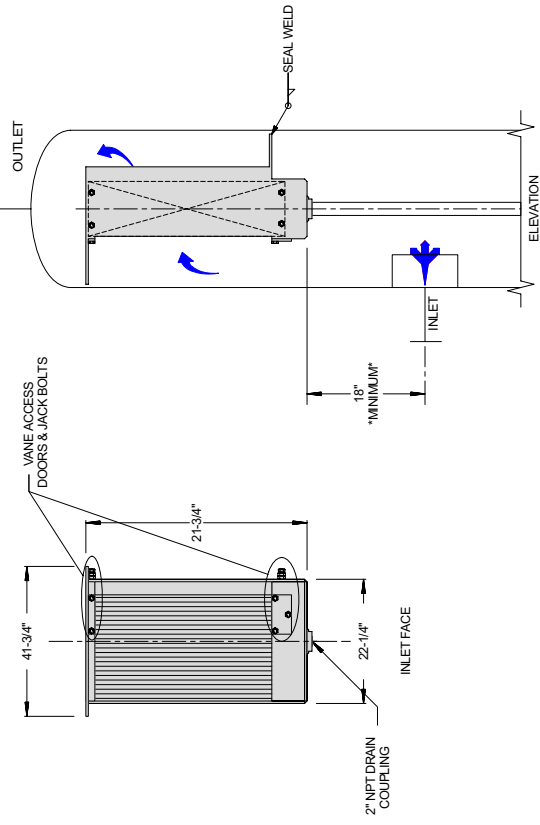
DESCRIPTION: MODEL BT-1  
 VANE MIST EXTRACTOR

PO	NO
DATE	DWG

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NOTE: VESSEL COMPONENTS AND DOWNCOMER, SHOWN BELOW TO ILLUSTRATE INSTALLATION REQUIREMENTS, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.



**E-W S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 3.3 MMSCFD  
 GAS SPECIFIC GRAVITY: 1.7818  
 OPERATING PRESSURE: 47 PSIG  
 OPERATING TEMPERATURE: 110 F  
 VESSEL SHELL: 42" ID  
 INLET & OUTLET NOZZLES: 6" NPS (MINIMUM)

**MATERIALS OF CONSTRUCTION**  
 VANES: T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL  
 ESTIMATED WEIGHT: 424 LB.

**INSTALLATION NOTES**

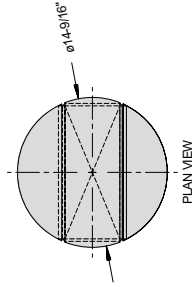
1. E-W S RECOMMENDED INLET & OUTLET NOZZLE ELEVATIONS SHOWN RELATIVE TO MIST EXTRACTOR.
2. MIST EXTRACTOR HOUSING IS CONTOURED TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
3. VANE ELEMENTS ARE INDIVIDUALLY REMOVABLE FOR MAINTENANCE & CLEANING.
4. DOWNCOMER MUST HAVE LIQUID IMERSION SEAL IN SLUMP (6" BELOW LOW LIQUID LEVEL).
5. USE LATERAL INLET DEFLECTOR & CONTOUR OUTLET NOZZLE INTERNAL PROJECTION TO SHELL.
6. NOT TO SCALE



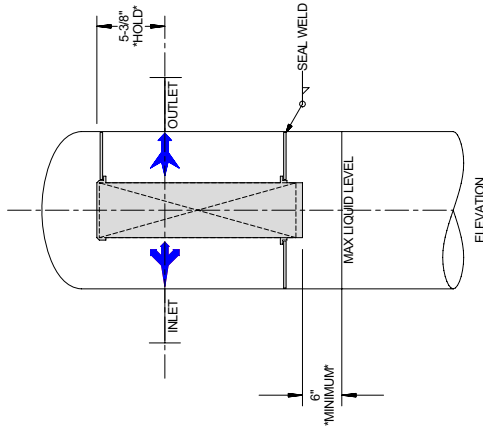
DESCRIPTION: MODEL BT-1R  
 VANE MIST EXTRACTOR

PO	NO
DATE	DWG

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NOTE: VESSEL COMPONENTS, SHOWN BELOW, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.



**E-W S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 3,285 MMSCFD  
 GAS SPECIFIC GRAVITY: 1.0  
 OPERATING PRESSURE: 350 PSIG  
 OPERATING TEMPERATURE: 160 F  
 VESSEL SHELL: 10" ID  
 INLET & OUTLET NOZZLES: 4" NPS [MINIMUM]

**MATERIALS OF CONSTRUCTION**  
 VANES: CARBON STEEL OR T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL OR T-316L STAINLESS STEEL  
 ESTIMATED WEIGHT: 76 LB.

**INSTALLATION NOTES**

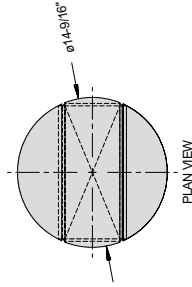
1. E-W S RECOMMENDED INLET & OUTLET NOZZLE ELEVATIONS SHOWN RELATIVE TO MIST EXTRACTOR.
2. MIST EXTRACTOR HOUSING IS CONToured TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
3. RADIUS HALF WOOD Baffles (J) WILL SHIP IN CASE.
4. CONTour INLET NOZZLE INTERNAL PROJECTION TO SHELL.
5. MAXIMUM LIQUID LEVEL IS 6" BELOW MIST EXTRACTOR ASSEMBLY.
6. IN-LINE SEPARATORS EQUIPPED WITH LS-1 MIST EXTRACTORS HAVE NO SLUG HANDLING CAPACITY.
7. NOT TO SCALE



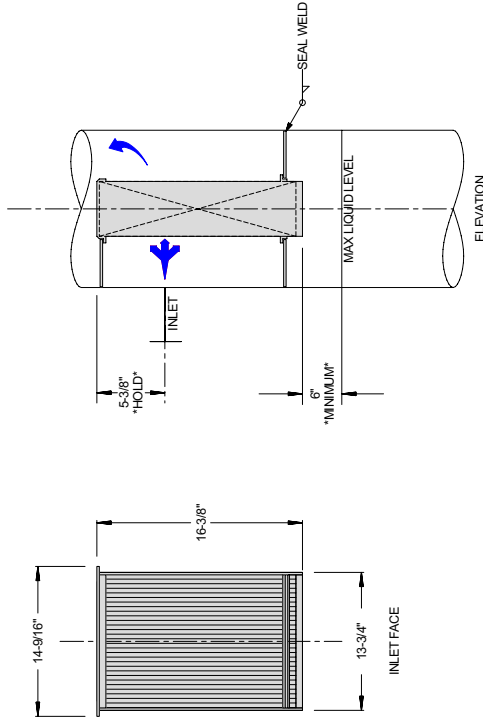
DESCRIPTION: MODEL LS-1  
 VANE MIST EXTRACTOR

PO NO.	810
DATE	DWLS

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NOTE: VESSEL COMPONENTS, SHOWN BELOW, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.



**E-W S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 8,833 MMSCFD  
 GAS SPECIFIC GRAVITY: 0.804  
 OPERATING PRESSURE: 576 PSIG  
 OPERATING TEMPERATURE: 140 F  
 VESSEL SHELL: 14.689" ID  
 INLET & OUTLET NOZZLES: 4" NPS

**MATERIALS OF CONSTRUCTION**  
 VANES: T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL OR T-316L STAINLESS STEEL  
 ESTIMATED WEIGHT: 107 LB.

**INSTALLATION NOTES**

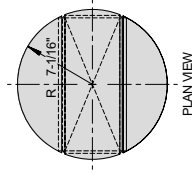
1. E-W S RECOMMENDED INLET NOZZLE ELEVATION SHOWN RELATIVE TO MIST EXTRACTOR
2. MIST EXTRACTOR HOUSING IS CONToured TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
3. RADIUS HALF WOOD Baffles (J) WILL SHIP IN CASE.
4. CONTour INLET NOZZLE INTERNAL PROJECTION TO SHELL.
5. MAXIMUM LIQUID LEVEL IS 6" BELOW MIST EXTRACTOR ASSEMBLY.
6. NOT TO SCALE



DESCRIPTION: MODEL LS-TM  
 VANE MIST EXTRACTOR

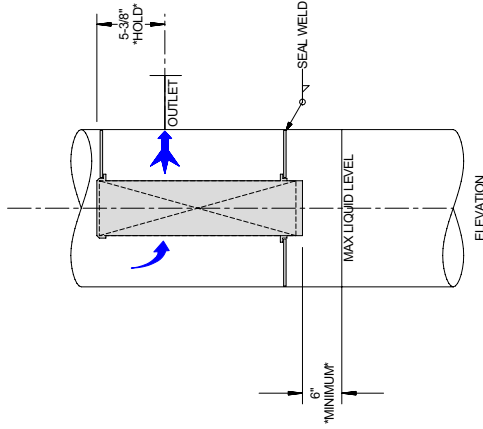
PO NO.	
DATE	DWLS

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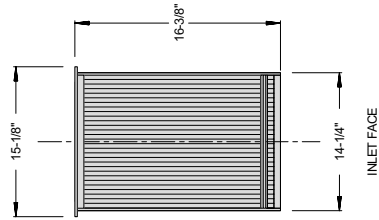


PLAN VIEW

NOTE: VESSEL COMPONENTS, SHOWN BELOW, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.



ELEVATION



INLET FACE

**E-W S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 8.25 MMSCFD  
 GAS SPECIFIC GRAVITY: 0.608  
 OPERATING PRESSURE: 250 PSIG  
 OPERATING TEMPERATURE: 97 F  
 VESSEL SHELL: 15.25" ID [MINIMUM]  
 INLET & OUTLET NOZZLES: 6" NPS [MINIMUM]

**MATERIALS OF CONSTRUCTION**

VANES: T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL OR T-316L STAINLESS STEEL  
 ESTIMATED WEIGHT: 112 LB

**INSTALLATION NOTES**

1. E-W S RECOMMENDED OUTLET NOZZLE ELEVATION SHOWN RELATIVE TO MIST EXTRACTOR.
2. MIST EXTRACTOR HOUSING IS CONTOURED TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
3. RADIUS OF HALF MOON Baffles (B) WILL SHIP LOOSE.
4. CONTIGUOUS OUTLET NOZZLE INTERNAL PROJECTIONS TO SHELL.
5. MAXIMUM LIQUID LEVEL IS 6" BELOW MIST EXTRACTOR ASSEMBLY.
6. NOT TO SCALE



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 TEL: 972-241-1177

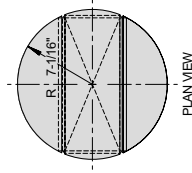
**DESCRIPTION**

MODEL LS-1  
 VANE MIST EXTRACTOR

DATE: \_\_\_\_\_

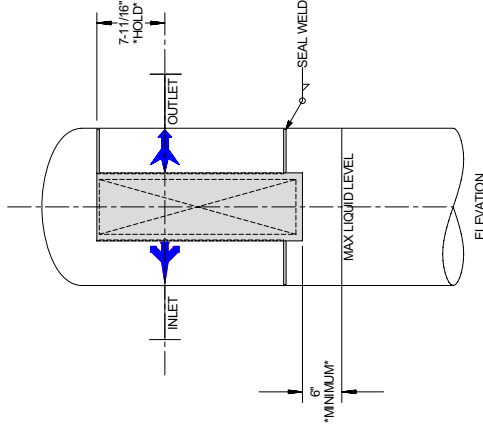
BY: \_\_\_\_\_

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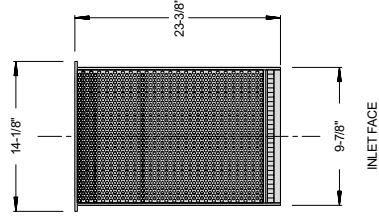


PLAN VIEW

NOTE: VESSEL COMPONENTS, SHOWN BELOW, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.



ELEVATION



INLET FACE

**E-W S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 10.0 MMSCFD  
 GAS SPECIFIC GRAVITY: 0.65  
 OPERATING PRESSURE: 430 PSIG  
 OPERATING TEMPERATURE: 120 F  
 VESSEL SHELL: 14.314" ID [MINIMUM]  
 INLET & OUTLET NOZZLES: 4" NPS [MINIMUM]

**MATERIALS OF CONSTRUCTION**

VANES: T-316L STAINLESS STEEL  
 PERFORATED DIST. PLATES: T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL  
 ESTIMATED WEIGHT: 191 LB

**INSTALLATION NOTES**

1. E-W S RECOMMENDED INLET & OUTLET NOZZLE ELEVATIONS SHOWN RELATIVE TO MIST EXTRACTOR.
2. MIST EXTRACTOR HOUSING IS CONTOURED TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
3. RADIUS OF HALF MOON Baffles (B) WILL SHIP LOOSE.
4. CONTIGUOUS OUTLET NOZZLE INTERNAL PROJECTIONS TO SHELL.
5. MAXIMUM LIQUID LEVEL IS 6" BELOW MIST EXTRACTOR ASSEMBLY.
6. IN-LINE SEPARATORS EQUIPPED WITH LS-1 MIST EXTRACTORS HAVE NO SLUG HANDLING CAPACITY.
7. NOT TO SCALE



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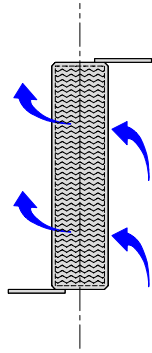
**DESCRIPTION**

MODEL LS-1 HPP  
 VANE MIST EXTRACTOR

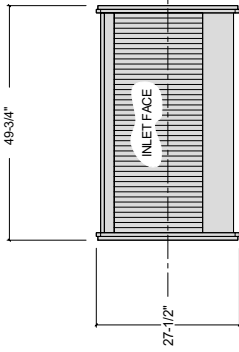
DATE: \_\_\_\_\_

BY: \_\_\_\_\_

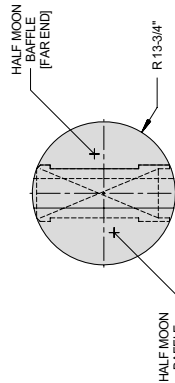
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PLAN VIEW



ELEVATION



INLET END

**E-W-S VANE MIST EXTRACTOR DESIGN DATA**

GAS FLOW: 90 MMSCFD  
 GAS SPECIFIC GRAVITY: 0.65  
 OPERATING PRESSURE: 900 PSIG  
 OPERATING TEMPERATURE: 120 F  
 VESSEL SHELL: 27.75" ID  
 INLET & OUTLET NOZZLES: 10" NPS [MINIMUM]

**MATERIALS OF CONSTRUCTION**

VANES: T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL  
 ESTIMATED WEIGHT: 621 LB.

**INSTALLATION NOTES**

1. MIST EXTRACTOR REQUIRES MINIMUM OF ONE 2" NPS DRAIN, OR DOWNCOMER TO SUMP (IF SO EQUIPPED).
2. DOWNCOMER (IF USED) MUST HAVE LIQUID IMMERSION SEAL IN SUMP (6" BELOW LOW LIQUID LEVEL).
3. HALF MOON BAFFLES WILL SHIP LOOSE.
4. MIST EXTRACTOR BOXING MUST BE SEAL-WELDED TO SHELL.
5. NOT TO SCALE

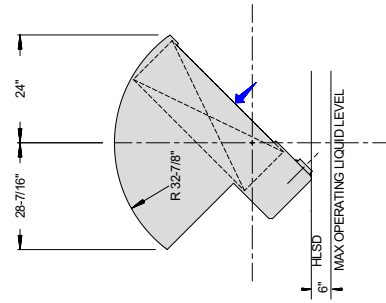


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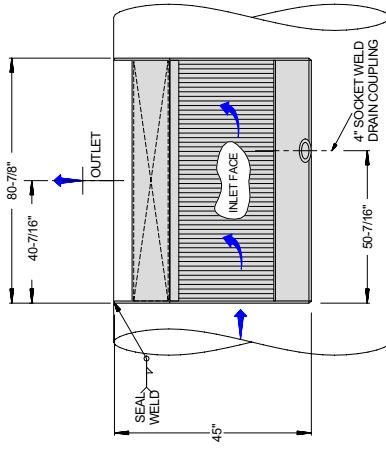
DESCRIPTION: MODEL HFS  
 VANE MIST EXTRACTOR

CUSTOMER:	
FIG:	810
DATE:	DWS

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INLET END



ELEVATION

NOTE: VESSEL COMPONENTS SHOWN ABOVE TO ILLUSTRATE INSTALLATION REQUIREMENTS, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.

**E-W-S VANE MIST EXTRACTOR DESIGN DATA**

GAS FLOW: 62 MMSCFD  
 GAS SPECIFIC GRAVITY: 0.7989  
 OPERATING PRESSURE: 14 PSIG  
 OPERATING TEMPERATURE: 83 F  
 VESSEL SHELL: 66" ID  
 INLET & OUTLET NOZZLES: 20" ID [MINIMUM]

**MATERIALS OF CONSTRUCTION**

VANES: T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL  
 ESTIMATED WEIGHT: 2,100 LB.

**INSTALLATION NOTES**

1. E-W-S RECOMMENDED OUTLET NOZZLE POSITION SHOWN RELATIVE TO MIST EXTRACTOR.
2. E-W-S RECOMMENDED MAXIMUM OPERATING LIQUID LEVEL SHOWN RELATIVE TO MIST EXTRACTOR.
3. MIST EXTRACTOR HOUSING IS CONTAINED TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
4. DOWNCOMER (IF USED) MUST HAVE LIQUID IMMERSION SEAL IN SUMP (6" BELOW LOW LIQUID LEVEL).
5. DOWNCOMER MUST HAVE LIQUID IMMERSION SEAL IN SUMP (6" BELOW LOW LIQUID LEVEL).
6. CONTIGUOUS OUTLET NOZZLE INTERNAL PROJECTION TO SHELL.
7. NOT TO SCALE

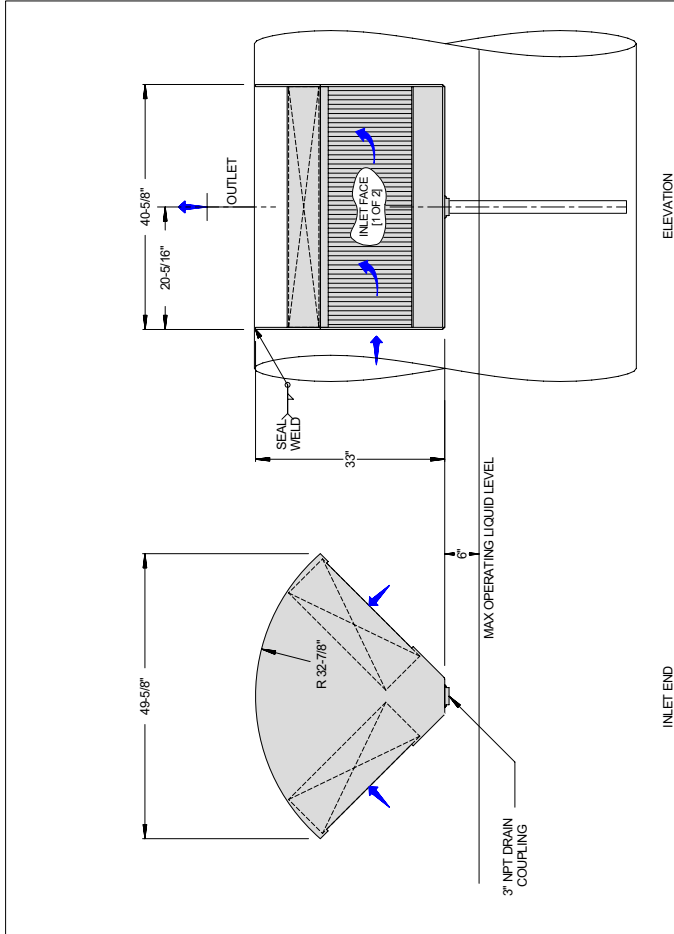


214-689-9277  
 3117 COMMERCE ST. DALLAS, TX 75226

DESCRIPTION: MODEL YF-1  
 VANE MIST EXTRACTOR

CUSTOMER:	
FIG:	N/A
DATE:	DWS

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NOTE: VESSEL COMPONENTS & DOWNCOVER, SHOWN ABOVE, TO ILLUSTRATE INSTALLATION REQUIREMENTS, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.

**E-W-S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 70.0 MASCFD  
 GAS SPECIFIC GRAVITY: 0.56  
 OPERATING PRESSURE: 150 PSIG  
 OPERATING TEMPERATURE: 90 F  
 VESSEL SHELL: 66" ID [MINIMUM]  
 INLET & OUTLET NOZZLES: 10" NPS [MINIMUM]

**MATERIALS OF CONSTRUCTION**  
 VANES: T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL  
 ESTIMATED WEIGHT: 1,040 LB.

**INSTALLATION NOTES**

1. E-W-S RECOMMENDED OUTLET NOZZLE POSITION SHOWN RELATIVE TO MIST EXTRACTOR.
2. E-W-S RECOMMENDED MAXIMUM OPERATING LIQUID LEVEL SHOWN RELATIVE TO MIST EXTRACTOR.
3. MIST EXTRACTOR HOUSING IS CONTOURED TO FIT SHELL & MUST BE SEAL WELDED TO SHELL.
4. DOWNCOVER MUST HAVE LIQUID IMMERSION SEAL IN SLUMP [6" BELOW LOW LIQUID LEVEL].
5. CONTOUR OUTLET NOZZLE INTERNAL PROJECTION TO SHELL.
6. NOT TO SCALE

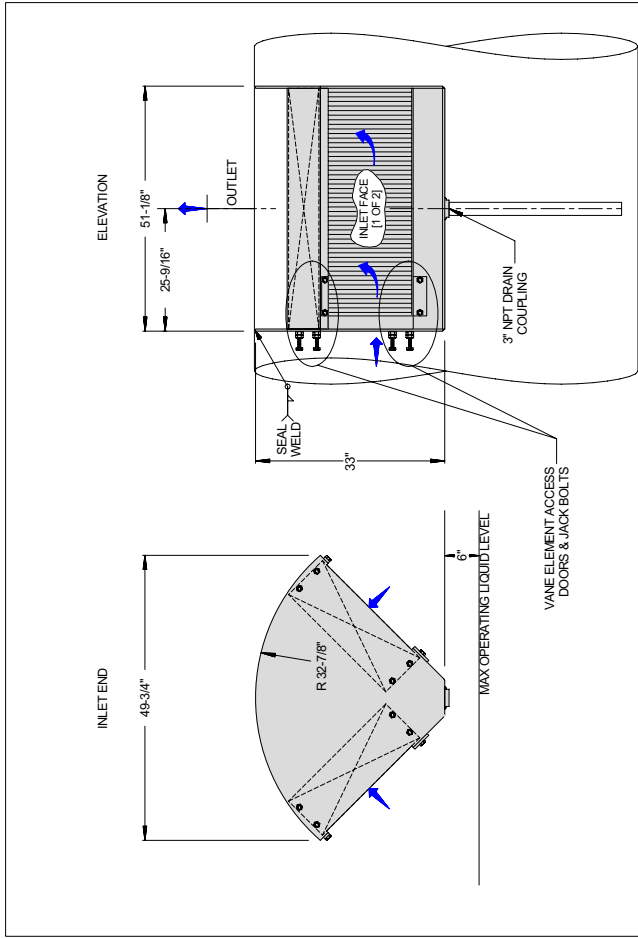


3177 COMMERCE ST. DALLAS, TX 75226  
 (972) 241-1977

DESCRIPTION: MODEL YT-2  
 VANE MIST EXTRACTOR

PO	NO
DATE	DWG

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NOTE: VESSEL COMPONENTS & DOWNCOVER, SHOWN ABOVE, TO ILLUSTRATE INSTALLATION REQUIREMENTS, ARE TO BE SUPPLIED BY VESSEL FABRICATOR.

**E-W-S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 150 MASCFD  
 GAS SPECIFIC GRAVITY: 0.6793  
 OPERATING PRESSURE: 550 PSIG  
 OPERATING TEMPERATURE: 70 F  
 VESSEL SHELL: 66" ID

**MATERIALS OF CONSTRUCTION**  
 VANES: T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL OR T-316L STAINLESS STEEL  
 ESTIMATED WEIGHT: 1,261 LB.

**INSTALLATION NOTES**

1. E-W-S RECOMMENDED OUTLET NOZZLE POSITION SHOWN RELATIVE TO MIST EXTRACTOR.
2. E-W-S RECOMMENDED MAXIMUM OPERATING LIQUID LEVEL SHOWN RELATIVE TO MIST EXTRACTOR.
3. VANE ELEMENTS ARE INDIVIDUALLY REMOVABLE FOR MAINTENANCE.
4. MIST EXTRACTOR HOUSING SUBASSEMBLIES ARE TACKED AND MATCH-MARKED FOR MANWAY RETROFIT.
5. MIST EXTRACTOR HOUSING IS CONTOURED TO FIT SHELL & MUST BE REASSEMBLED AND SEAL WELDED TO SHELL.
6. DOWNCOVER MUST HAVE LIQUID IMMERSION SEAL IN SLUMP [6" BELOW LOW LIQUID LEVEL].
7. CONTOUR OUTLET NOZZLE INTERNAL PROJECTION TO SHELL.
8. NOT TO SCALE

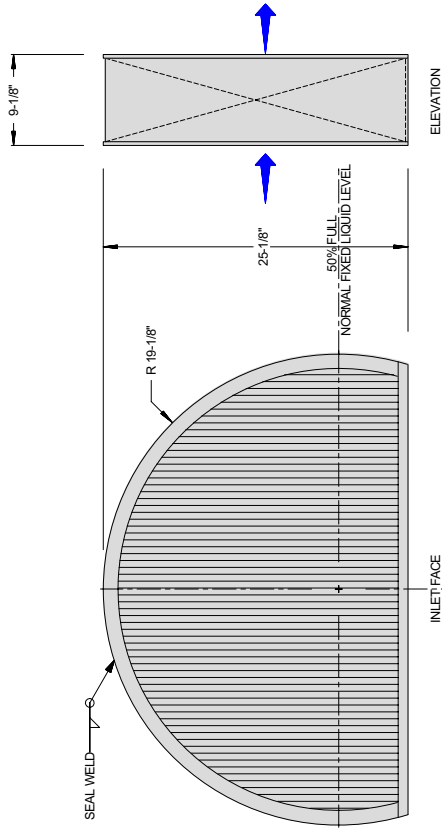


3177 COMMERCE ST. DALLAS, TX 75226  
 (972) 241-1977

DESCRIPTION: MODEL YT-2R  
 VANE MIST EXTRACTOR

PO	NO
DATE	DWG

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**ED W. SMITH MACHINE WORKS, INC.**  
 3117 COMMERCE ST. DALLAS, TX 75226  
 214-896-0577

DESCRIPTION: **MODEL CR-2**  
 CUSTOMER: **VANE MIST EXTRACTOR**

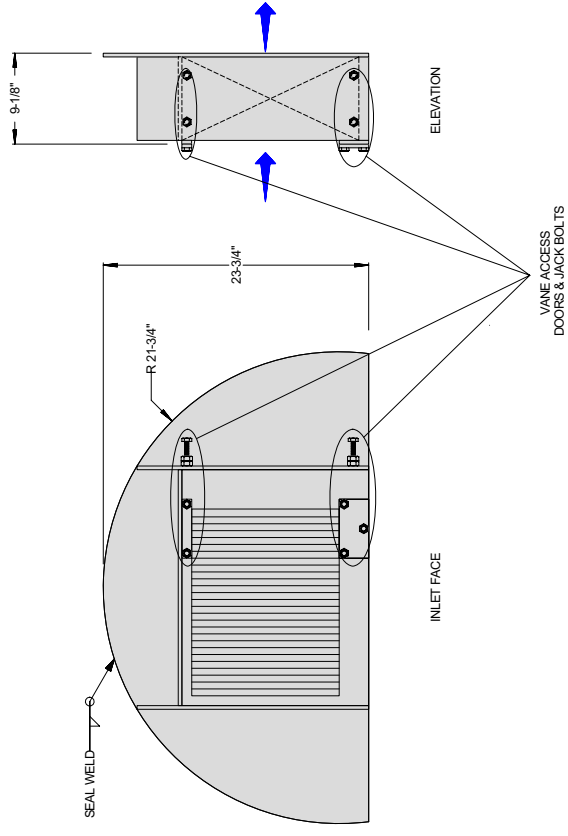
P.O. NO. \_\_\_\_\_  
 DATE \_\_\_\_\_

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**E-W-S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 50 MMSCFD  
 GAS SPECIFIC GRAVITY: 0.56  
 OPERATING PRESSURE: 1,200 PSIG  
 OPERATING TEMPERATURE: 30 F  
 VESSEL SHELL: 36.5" ID

**MATERIALS OF CONSTRUCTION**  
 VANES: T-316L STAINLESS STEEL  
 HOUSING: CARBON STEEL OR T-316-L STAINLESS STEEL  
 ESTIMATED WEIGHT: 250 LB.

**INSTALLATION NOTES**  
 1. SEAL RINGS (INCLUDED) MUST BE SEAL WELDED TO SHELL IN FRONT & BACK OF MIST EXTRACTOR.  
 2. MIST EXTRACTOR REQUIRES FIXED LIQUID LEVEL FOR VANE ELEMENT IMMERSION SEAL.  
 3. NOT TO SCALE



**E-W-S VANE MIST EXTRACTOR DESIGN DATA**  
 GAS FLOW: 20 MMSCFD  
 GAS SPECIFIC GRAVITY: 0.65  
 OPERATING PRESSURE: 1,100 PSIG  
 OPERATING TEMPERATURE: 90 F  
 VESSEL SHELL: 43.75" ID

**MATERIALS OF CONSTRUCTION**  
 VANES: T-316L STAINLESS STEEL  
 HOUSING: T-316-L STAINLESS STEEL OR CARBON STEEL  
 ESTIMATED WEIGHT: 258 LB.

**INSTALLATION NOTES**  
 1. VANE ELEMENTS ARE INDIVIDUALLY REMOVABLE FOR MAINTENANCE & CLEANING.  
 2. MIST EXTRACTOR BOXING MUST BE SEAL WELDED TO SHELL.  
 3. NOT TO SCALE

**ED W. SMITH MACHINE WORKS, INC.**  
 3117 COMMERCE ST. DALLAS, TX 75226  
 214-896-0577

DESCRIPTION: **MODEL CR-2MR**  
 CUSTOMER: **VANE MIST EXTRACTOR**

P.O. NO. \_\_\_\_\_  
 DATE \_\_\_\_\_

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