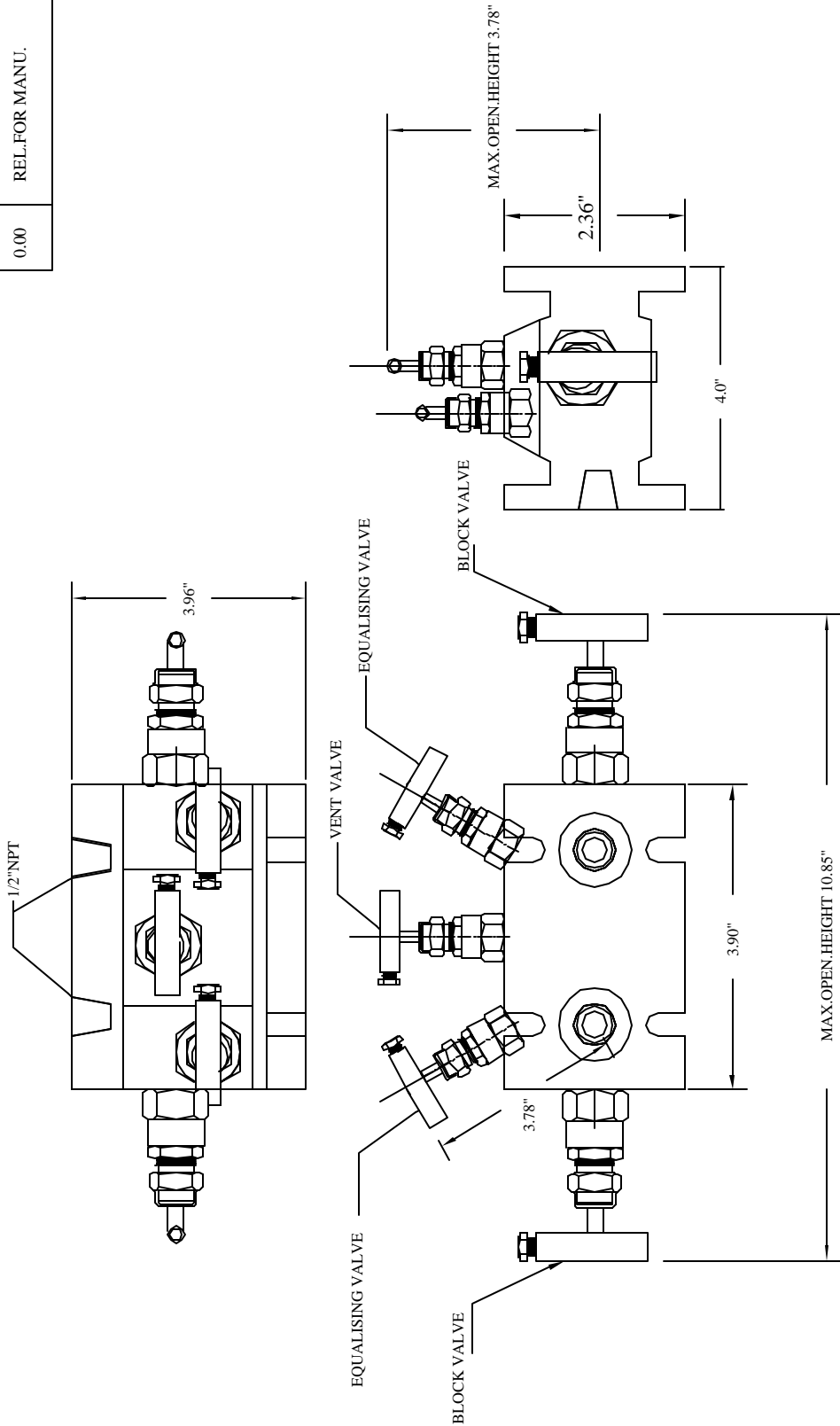


AURA 5 VALVE 'T' TYPE MANIFOLDS FOR NATURAL GAS SERVICE

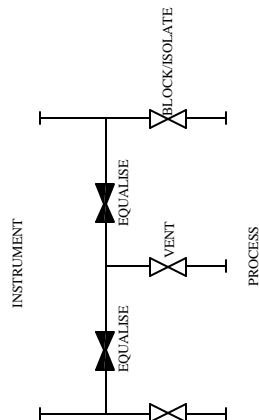
DESCRIPTION	:	Specifically for use with D/P transmitters for natural gas services. Direct mount to transmitter, Two process isolation valves, Two equalizing valves and One drain valve on a single block.								
CONNECTIONS	:	Flange To Pipe								
BODY	:	Forged single piece CS, ASTM A-108 plated or ASTM A182 F 316SS								
SEAT	:	Delrin [®] , 3/8" Orifice								
STEM	:	Close tolerance surface finish, cold rolled threads, ASME SA-479 Type 316 SS								
NEEDLE TIP	:	Self-centering, non-rotating hardened & ground. ASME SA-479 Type 316 SS								
UPPER/LOWER GLAND BODY	:	SS locking pin provided. CS, ASTM A108 plated or ASME SA-479 Type 316 SS								
GLAND PACKING	:	Adjustable, below stem thread design (PBT), prevents process fluid contact with stem threads. PTFE for Temp. below 400°F/Graphite for Temp. above 400°F.								
HANDLE	:	'T' bar handle. CS, ASTM A108 plated or ASME-SA-479 Type 316 SS								
WASHER	:	ASME-SA-479 Type 316 SS								
PRESSURE/TEMPERATURE	:	<table border="0" style="margin-left: 20px;"> <tr> <td style="text-align: center;"><u>TEMPERATURE</u></td> <td style="text-align: center;"><u>PRESSURE</u></td> </tr> <tr> <td style="text-align: center;">200 °F</td> <td style="text-align: center;">6,000 psi</td> </tr> <tr> <td style="text-align: center;">500 °F</td> <td style="text-align: center;">4,000 psi</td> </tr> <tr> <td style="text-align: center;">1,000 °F</td> <td style="text-align: center;">1,5000 psi</td> </tr> </table>	<u>TEMPERATURE</u>	<u>PRESSURE</u>	200 °F	6,000 psi	500 °F	4,000 psi	1,000 °F	1,5000 psi
<u>TEMPERATURE</u>	<u>PRESSURE</u>									
200 °F	6,000 psi									
500 °F	4,000 psi									
1,000 °F	1,5000 psi									
TEST PRESSURES	:	Body: Hydrostatic at 6,000 psi Seat & Gland: 1,000 Psi with Nitrogen								
OPTIONS	:	<ul style="list-style-type: none"> • Material of construction confirming to NACE MR-01-75 • Other Materials available for corrosion resistance 								
PART NOS	:	<table border="0" style="margin-left: 20px;"> <tr> <td style="padding-right: 10px;">1) Carbon Steel</td> <td>A5VM-NGT-001-CS</td> </tr> <tr> <td>2) 316 SS</td> <td>A5VM-NGT-001-316</td> </tr> </table>	1) Carbon Steel	A5VM-NGT-001-CS	2) 316 SS	A5VM-NGT-001-316				
1) Carbon Steel	A5VM-NGT-001-CS									
2) 316 SS	A5VM-NGT-001-316									
AURA DRAWING REF.	:	A5VM-SFT-NG-001								

REV.	REASON FOR ISSUE	DATE	DRN.	CHKD.
0.00	REL. FOR MANU.	12.3.03	D.K.D	G.G.A



ALL DIMENSIONS ARE IN INCHES.

PROJECT/CLIENT	Aura Inc. D11/3, OKHALA IND. AREA, PHASE II, NEW DELHI INDIA. www.aurainc.com
TITLE	5 VALVE NATURAL GAS MANIFOLD SINGLE FLANGED 'T' TYPE
This drawing is the property of Aura Inc. Unauthorised reproduction is prohibited.	



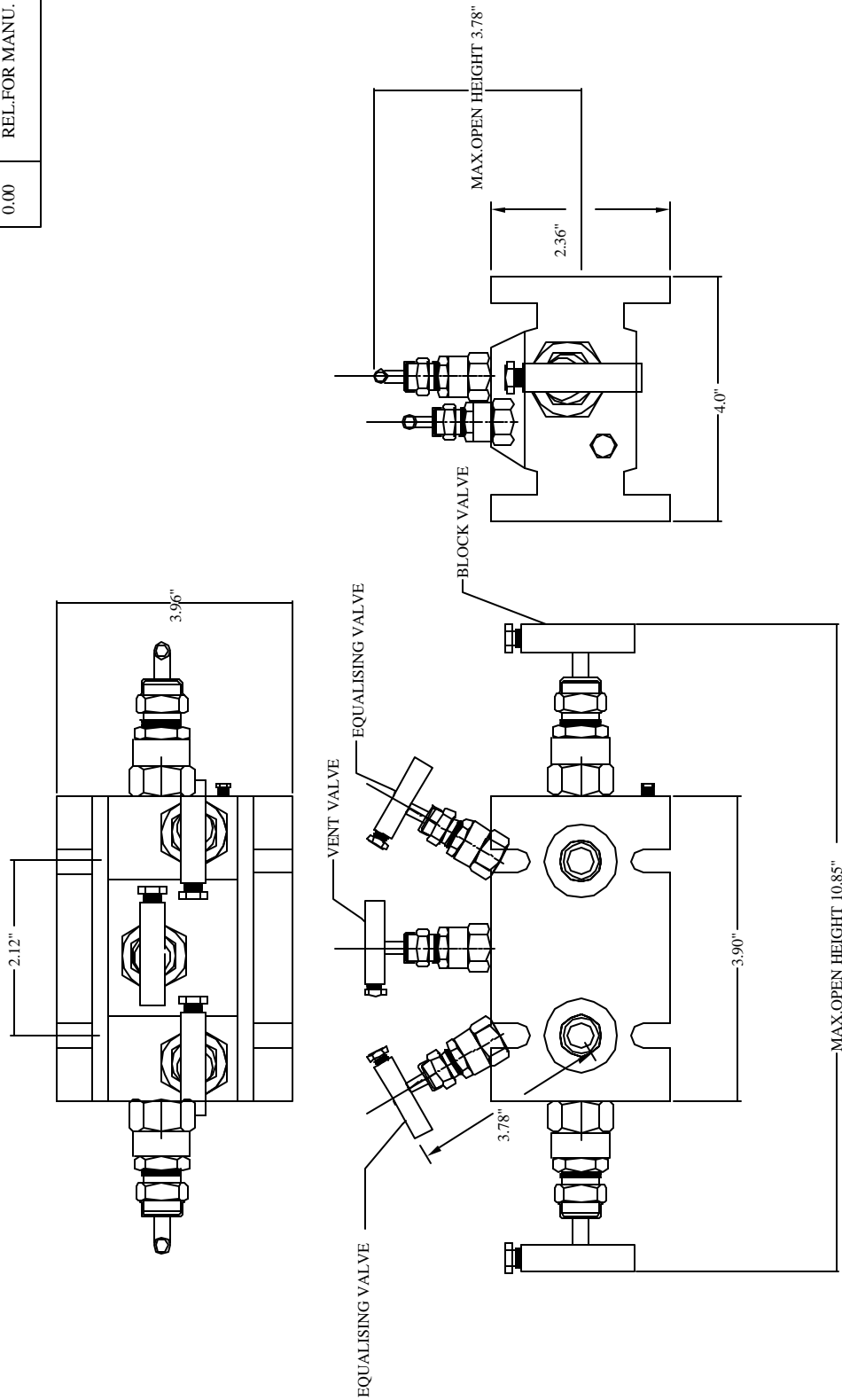
TEMP.	C.S	S.S	ORIFICE DIA 'D'	Cv
ROOM T	6000PSI	6000PSI	0.375"	3.00 MAX.
500 DEG. F	4000PSI	4000PSI		
1000DEG.F	1500PSI	1500PSI		

ALL DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT ANY PRIOR NOTICE. TO BE USED FOR REFERENCE ONLY.

AURA 5 VALVE 'H' TYPE MANIFOLDS FOR NATURAL GAS SERVICE

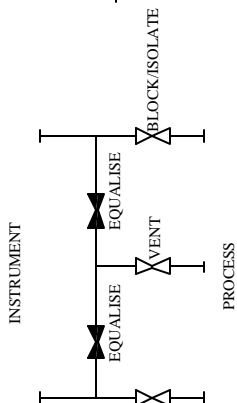
DESCRIPTION	:	Specifically for use with D/P transmitters for natural gas services. Direct mount to transmitter, Two Process isolation valves, Two equalizing valves and One drain valve on a single block.								
CONNECTIONS	:	Flange To Flange								
BODY	:	Forged single piece CS, ASTM A-105 plated or ASTM A182 F 316SS								
SEAT STEM	:	Delrin [®] , 3/8" Orifice Close tolerance surface finish, cold rolled threads, ASME SA-479 Type 316 SS								
NEEDLE TIP	:	Self-centering, non-rotating hardened & ground. ASME SA-479 Type 316 SS								
UPPER/LOWER GLAND BODY	:	SS locking pin provided. CS, ASTM A108 plated or ASME SA-479 Type 316 SS								
GLAND PACKING	:	Adjustable, below stem thread design (PBT), prevents process fluid contact with stem threads. PTFE for Temp. below 400°F/Graphite for Temp. above 400°F.								
HANDLE	:	'T' bar handle. CS, ASTM A108 plated or ASME-SA-479 Type 316 SS								
WASHER	:	ASME-SA-479 Type 316 SS								
PRESSURE/TEMPERATURE	:	<table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: left;"><u>TEMPERATURE</u></th> <th style="text-align: left;"><u>PRESSURE</u></th> </tr> </thead> <tbody> <tr> <td>200 °F</td> <td>6000 psi</td> </tr> <tr> <td>500 °F</td> <td>4000 psi</td> </tr> <tr> <td>1,000 °F</td> <td>1,500 psi</td> </tr> </tbody> </table>	<u>TEMPERATURE</u>	<u>PRESSURE</u>	200 °F	6000 psi	500 °F	4000 psi	1,000 °F	1,500 psi
<u>TEMPERATURE</u>	<u>PRESSURE</u>									
200 °F	6000 psi									
500 °F	4000 psi									
1,000 °F	1,500 psi									
TEST PRESSURES	:	Body: Hydrostatic at 6,000 psi Seat & Gland: 1,000 psi with Nitrogen								
OPTIONS	:	<ul style="list-style-type: none"> • Material of construction confirming to NACE MR-01-75 • Other Materials available for corrosion resistance 								
PART NOS	:	<table style="width: 100%; border: none;"> <tr> <td style="width: 40%;">1) Carbon Steel</td> <td style="width: 60%;">A5VM-NGH-001-CS</td> </tr> <tr> <td>2) 316 SS</td> <td>A5VM-NGH-001-316</td> </tr> </table>	1) Carbon Steel	A5VM-NGH-001-CS	2) 316 SS	A5VM-NGH-001-316				
1) Carbon Steel	A5VM-NGH-001-CS									
2) 316 SS	A5VM-NGH-001-316									
AURA DRAWING REF.	:	A5VM-DFH-NG-001								

REV.	REASON FOR ISSUE	DATE	DRN.	CHKD.
0.00	REL.FOR MANU.	12.3.03	D.K.D	G.G.A



ALL DIMENSIONS ARE IN INCHES.

PROJECT/CLIENT	Aura Inc. D11/3,OKHALA IND. AREA, PHASE II, NEW DELHI INDIA. www.aurainc.com
TITLE	5 VALVE NATURAL GAS MANIFOLD DOUBLE FLANGED 'H' TYPE



TEMP.	C.S	S.S	ORIFICE DIA 'D'	Cv
ROOM T	6000PSI	6000PSI	0.375"	3.00 MAX.
500 DEG. F	4000PSI	4000PSI		
1000DEG.F	1500PSI	1500PSI		

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DRG NO :A5VM-DFH-NG-001