

**COVER REMOVED
IN FRONT VIEW**

APPROVALS: **UL US**
 CULUS LISTED
 CLASS I, DIVISIONS 1 & 2,
 GROUPS B, C & D
 CLASS II, DIVISIONS 1 & 2,
 GROUPS E, F & G
 CLASS III
 -50°C ≤ Tamb, ≤ +71°C
 CLASS I, ZONE 1, GROUP IIB + H₂ T6
 ENCLOSURE TYPE 4X, 7, 9

CE 0539 ATEX APPROVED
 II 2 G/D EEx d IIC T6
 -40°C ≤ Tamb, ≤ +71°C
 IP66

CE COMPLIANT TO
 APPLICABLE DIRECTIVES)

I & M SHEET IMP120

MODEL NO.	ADJUSTABLE RANGE	bar
454	0 to 30	0 to 2.1
453	0 to 20	0 to 1379.0 mbar
452	30"HgVac to 20 psi	-1.0 bar to 1379.0 mbar
450	30"HgVac to 0 psi	-1.0 to 0 bar

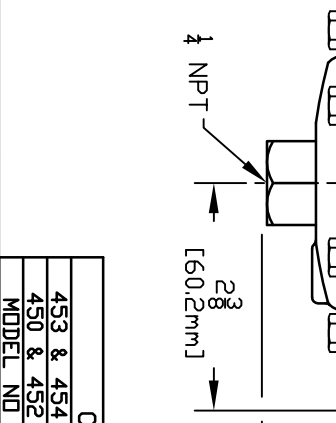


CHART 'A'	REV.	DATE
453 & 454	8	15/16 [227mm]
450 & 452	9	11/16 [246.1mm]

U	UPDATED ENCLOSURE.	ECN#E4345.	2-17-12	RCI	SJM
T	REPLACED CENELEC APPROVAL WITH ATEX APPROVAL.	ECN#E0368	6-17-03	S.R.	LK
S	CHANGED IPa TO bar	ECN#E0053	10/7/02	AB	HN
R	ADDED CENELEC & CE APPROVALS.	ECN#E0009	8-27-02	S.R.	LK
P	UPDATED ENCLOSURE & COVER.	ECN#C9734	3-26-02	S.R.	LK
N	REVISED PER REDESIGN.	ECN#C6067	12-16-96	S.R.	JJM
SYM	DESCRIPTION	DATE	DWN	APPD	

U	ORIGINAL DATE	7-29-86	RCI	SJM
T	DRWN PETER WEILLER	6-17-03	S.R.	LK
S	CHKD N.MOCKAY JR.	10/7/02	AB	HN
R	APPD A. MINASSIAN	8-27-02	S.R.	LK
P	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	3-26-02	S.R.	LK
N	REVISED PER REDESIGN.	12-16-96	S.R.	JJM

DF 001
 REV. C
 UNITED ELECTRIC
 CONTROLS COMPANY
 WATERTOWN * MASSACHUSETTS
 DWG NO
 A-12163