



)LJ 7* 0RGHO ZLWK 37RWDOLJLQJ 5ROOHU &R



5,77(5 GUXP W\SH JDV PHWHUV DUH XQLY
IRU PHDVXULQJ WKH YROXPH RI IORZLQJ
XODUO\ HIIHFWLYH ZKHQ PHDVXUHPHQW
SUHFLVLRQ

5,77(5 JDV PHWHUV DUH PDQXIDFWXUH G
H[FHOHQW PDWHULDOV 3RO\YLQ\O &KO
HGH 33 3RO\YLQ\OLGH)OXRULGH 39')
\OHQH HOHFWULFDOO\ FRQGXFWLYH RU
7L 7KXV WKH XVHU LV DEOH
KLJKO\ DJJUHVVLYH JDVHV ZLWK ODERUD

)RU UXJJHG LQG XVWULDO DSSOLFDWLRQ
VWDLQOHVV VWHHO FDLVLRQ DQG SODVWL
WHULDOV DUH DYDLODEOH

7KH GHVLUH PHDV
XUHPHQW UDQJH FDQ EH VHOHFWHG IURP DPRQJ VL]HV W\SH
H[WHQGGLQJ DV D ZKROH WURP /WU K DW D JDV
WHPSHUDWXUH UDQJLQJ IURP f & WR f & 7KH VROLGO\ PDQX
IDFWXUH FDLVLRQ RI WKH VWLQGDUG PHWHUV LV GHVLJQHG W
VWLQGDUG D PD[LXP RYHUSUHVVXUH RI PEDU SODVWL FDLVLRQ
RU PEDU VWDLQOHVV VWHHO FDLVLRQV PHWHUV IRU KLJKHU
VXUH UDQJHV XS WR EDUV DUH DYDLODEOH

7KH PHDVXUHPHQW GURP W\SH JDV PHWHUV ZRUNV RQ
WKH SULQFLSOH RI GLVSODFHPHQW 7KH JDV IORZ FDXVHV D UR
RI WKH PHDVXULQJ GUXP ZLWKLQ D SDFNLQJ IOXLG XVXDO ZDV
ORZ YLVFRXV RLO 7KH PHDVXULQJ GUXP FRPSXOVRULO\ PHDVX
WKH JDV YROXPH E\ SHULRGLFDOO\ ILOOLQJ DQG HPSW\LQJ WK
PHDVXULQJ FKDPEHUV
)DVWLGLRXV SURGXFWLRQ PHWKRGV DQG FDOLEUDWLRQ HQDEOH

VXULQJ DFFXUDF\
RI " D W
VWLQGDUG IORZ
UDWH DQG DSSUR[" RYHU WKH Z
UDQJH

7KH PHDVXUHPHQW RI YROXPH LV V
YDQWDJH DQG WKH VXSHULRULW\ RI Y
OLNH 'UXP W\SH *DV OHWHUV RYHU R
SULQFLSOHV ZKLFK GHWHUPLQH JDV
RQGDU\ PHDVXUDQGV VXFK DV VSHHO
KRW ZLUH UHVLVWDQFH RU VLPLODU
FRQGLWLRQ DQG WKH FRPSRVLWLRQ F
HQFH WKH PHDVXUHPHQW DFFXUDF\
&RUHFWLQJ ZKLFK W\SH LQWR DFFRX
WHPSHUDWXUH KXPLGLWLRQV W\SH V
VDU\,W VKRXOG EH QRWHG WKDW Z
YROXPHWULF PHDVXUHPHQWV WKH RU

7* 33
ORGH
)LJ ZLWK 5HVHWWDEOH 5ROOHU &RXQWHU



'580 7<3(\$60(7(56

2YHUYLHZ

FWLI 5HY

6WDQGDUG (TXLSPHQW

- &KDPEHU 0HDVXULQJ 'UXP
- 0DJQHWLF &RXSOLQJ EHWZHHQ WKH PHDVXULQJ GUXP DQG FRXQW
- GLJLW 7RWDOLJLQJ 5ROOHU &RXQWHU
- ODUJH RQH 1HHGOH GLDO
-)LOOLQJ OHYHOWWGLQJDFWRIW 3DFUNVQJ /LTXLG OHYHO
- 0DQRPHWHU 7KHUPRPHWHU 6XSSRUWV
- 9LWRQ VHDOLQJ
- /HYHO DQG /HYHOOLQJ)HHW

3HUIRUPDQFH 'DWD

- 0HDVXUHPHQW DFFXUDF\
- " DW VWDQGDUGFWRZDQXHEV NMDW&SOLGULQGLRQG&KHUWLILFDW DSSUR[" DFURVV WKH PHDVXUHPHQW UDQJH
- 0D[LXP JDV LQOHW SUHVXUH RYHUSUHVXUH PEDU ZLWK SODVWF FDLQJV PEDU 03DDZQWKVWWWHHO FDLQJV
-)ORZ UDWH PHDVXULQJ UDQJH DQG PHWHU LQGLFDWLRQ

7\SH	'UXP &DSDFLW\)ORZ 5DWH	,QGLFDWLRQ
7*	>OWU@>OWU K@OWU K@OWU KL@LVLRQ >OWU@>OWU@		
7*			
7*			
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\$YDLODEOH RYHOMDOV RI FRQVWUXFWLRQ

&DVLQJ	0HDVXULQJ GUXP	0RGHO	/HJHQG
39& WUDQVSDUHQW	39& JUH\	39&	3RO\YLQ\O FKORULGH
33 JUH\	33 JUH\	33	3RO\SURS\OHQH
39')	39')	39')	3RO\YLQ\OLGH IOXRUI
3(HO	3(HO	3(HO	3RO\HWK\OHQH
7L	39& JUH\		HOHFVFBQDFXOMLYH
7L	3(HO		7L
7L	33 JUH\		5HILQHG VWDLQOHVV
7L	39')		9LWRQ)OXRULQH U

)RU FKHPLFDO UHVLVWDQFH SURSHUWLHV SOHDVH FRQWDFW
 %RWK WKHUPRSOHVWVFBQDFXOMLYH



'580 7<3(\$60(7(56

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:W L

5HY

\$FFHVVRULHV

- 'DWD DFTXLVLWLRQ VRIWZDUH 35LJDPR'
- 7KHUPRPHWHU JDV UDQJH f WR f&
- 7KHUPRPHWHU SDFNLQJ OLTXLG UDQJH f WR f&
- 0DQRPHWHU UDQJH PEDU GLIIHUHQWLDO SUHVXUH
- (OHFWURQLF 'LWSD\ 8, QWHUHQFH 56 2XWDSQDORJ
UHTXLUV 3XOVH *HQHUDWRU

%XLOW LQ 2SWLRQV

- 3XOVH *HQHUDWRURIR(OHFWURQLF RYHUR
- +LJK 3UHFLVLRYHQOLTXG GFDWRU 3+3/,'
- /&' GLVSOD\ UHVWWD\ EOH/LW&WHLV 8RXQDHLQLQJ 5ROOHU