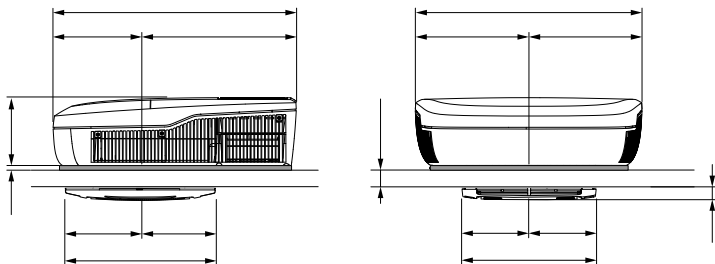


23

Gj ymlj z Gc

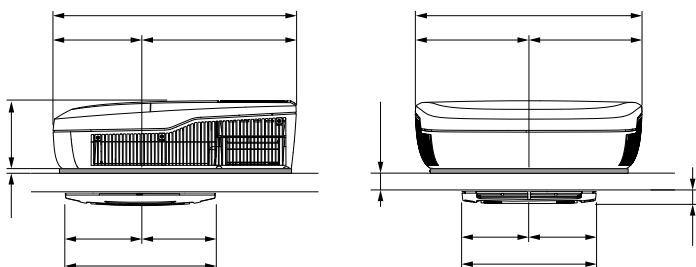
O



24

Gc FFI Gc

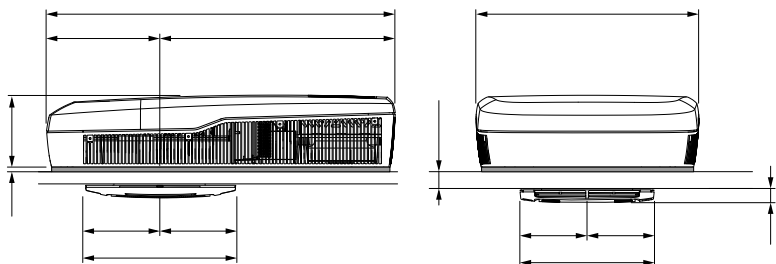
F FI Gc JI R



25

Gj ymlj z Gc

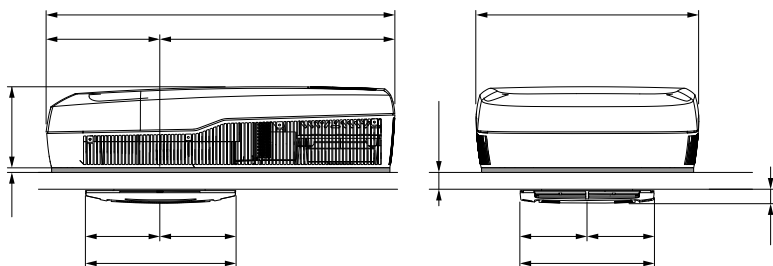
JI R



26

Gj ymlj zGc

Jl R



Ft l mym

- 1 Jq s puatr wr pktiv
- 2 Ffis rdt dMpr pi vllq eprv
- 3 Vdij hwj upxs v
- 4 Udi hvll Ir vwxv vMpr v
- 5 Uf ps h pi ghrlv/hvll
- 6 Bf f hwpuLhv
- 7 Jr vtr ghg xvH
- 8 Nlvpi q pghrv
- 9 Ffis rdt dMpr v pi vllq eprv pr vkh ds s rtdr f h
- 10 Vhf kr lf dhtq lw dr g f pr glvMpr v
- 11 Jr vMtr dMpr
- 12 Y ltr j glaj udq v
- 13 Elvs pvch
- 14 Vhf kr lf dngdvl

Js vuxft zt uzj y

Rtdhvh udg vkhvh Ir vwxv vMpr v dñixntll dr g ipnoz dñtr vwxv vMpr v j xlgñtr hv dr g z dr Ir j vlr f ñghg Ir vlvls upgxv vq dr xñtr pughvpe hr vkh vcdvllpx Ir vMtr xvH dr g q dr vMtr vkh s upgxv vs ups hvll dñdñvq hv Vkhvh Ir vwxv vMpr v NVDV vMtr z lñk vlvls upgxv w

Cllxvrlj vkh s upgxv vllpx khueffl pr llvq vcdvllpx kvjh udg dñtr vwxv vMpr v j xlgñtr hv dr g z dr Ir j vlr f ñghg Ir vlvls upgxv vq dr xñtr pughvpe dr g dj ñh vpe delgh efl vkh vlvq v dr g f pr glvMpr v dñvhwpuL khñtr l bpx dj ñh vpe xvH vlvls upgxv vpr ñll ipuLkh Ir vtr ghg s xus pvh dr g ds s ñf dMpr dr g Ir dñf pugdr f h z lñk vkh Ir vwxv vMpr v j xlgñtr hv dr g z dr Ir j v dñvhwpuL Ir vlvls upgxv vq dr xñdñvz hmdv Ir dñf pugdr f h z lñk dñds s ñf dñh rñz v dr g ñh j xrdMpr v B ñdñxh vpe udg dr g ipnoz vkh Ir vwxv vMpr v dr g z dr Ir j vhwpuL khñtr q dñl ñhvñtr dr Ir ñdñl vpe flpxvñhñ dr g pñkhv gñq dj h vpe flpxus upgxv vpgñq dj h vpe pñkhv ups hvll Ir vkh yll Ir hvll Vlvls s upgxv vq dr xñd Ir f ñglrlj vkh Ir vwxv vMpr v j xlgñtr hv dr g z dr Ir j v dr g ñh rñdñg gpf xq hr vMtr q dñeh vcdñl vpe f kñr j hv dr g xs gñv Gpuxs vpe gññe s upgxv vlr ipuL dMpr s rtdhvh ylvwv gpf xq hr w gpa hvll f pa

F3vrf t f zut uky4s gury



EBPHFT

Jr glf dñv d k dñdñgpxv vlvx dMpr vcdwli r pvdylpghg z lñmuvñrñr ghñk puvhupxv Ir ñdñl



b BTPJPH

Jr glf dñv d k dñdñgpxv vlvx dMpr vcdwli r pvdylpghg f pxrg ñhvñrñr ghñk puvhupxv Ir ñdñl



DBXVJQP

Jr glf dñv d k dñdñgpxv vlvx dMpr vcdwli r pvdylpghg f pxrg ñhvñrñr q Ir pupuq pghudñ Ir ñdñl



P QVYDF

Jr glf dñv d vlvx dMpr vcdwli r pvdylpghg f dr ñhvñrñr s ups hvll gñq dj h



Puzj Uks s rthq hr walf l r i puq d mpr i pups hud m r j v k h s upgxf w

W x j z l x u O v y



Vk h h r h f w l f d n s p z h u v x s s r i l q x w e h f p r r h f v l g e f l d t x d i l i h g h r h f w l f l d r z k p k d v g h q p r w a d m g v n t m d r g n i p z r t h g j h u h r e m g v p v k h f p r w a k f v l p r d r g p s h u d m p r p i h r h f w l f d n h t x l s q h r w d r g l r w a d m p r v d r g k d v u h f h l y h g v d i h v i l w d r l r j v p l g h r w i l d r g d y p l g v k h k a f t a d g v l r y p r y h g



Vk h q h f k d r l f d n l r w a d m p r q x w e h h r h f x v l g e f l d t x d i l i h g s h u p r z k p l v i d q l r i d u z l v k v k h f p r w a k f v l p r d r g p s h u d m p r p i v k h h t x l s q h r w d r g v k h k a f t a d g v l r y p r y h g

U f k j z 4 r t y z O h z u t y



b BTPJPH G n O j z u u g j 4 z n j y j 2 f x t l y h u O i x j y O r z t i j f z n u x y x u O y r t O x 4

T h s d l u p i v k h d s s r i d r f h q d f l p r r i l e h f d u l h g p x w e f l t x d i l i h g s h u p r r h z k p d u h i d q l r i d u z l v k v k h u v n v l r y p r y h g d r g v k h u r h y d r w a h j x r o d m p r v J r d g h t x d i l i h s d l u w q d f l f d x v h v h u p x v k a f t a d g v G p u h s d l u v h u y l f h f p r w a k f v k h v h y l f h f h r w a l u r f l p x u f p x r w l v h g p q h l v f p q g h d i u

Vk h d s s r i d r f h v k d m e h l r w a d m g l r d f f p u g d r f h z l v k r d m p r d n h r h f w l f d n d r g q h f k d r l f d n l r w a d m p r u h j x r o d m p r v

F j h z e n f r f v n n f t h j y f x j t u z u z 4 y L h h s h r h f w l f d n d s s r i d r f h v p x w p i u d a f k p i f k l r g u h r p u l r i l u q s h u p r v E p r p w d m p z v k h q v p x v h h r h f w l f d n d s s r i d r f h v z l v k p x w x s h u y l v l p r

R h u w r v z k p v h s k f i v f d h v h r v p u l p u q h r w a n f d s d e l r h v h v p u z k p v h n a f m p i h f i s h u l h r f h d r g n i p z r t h g j h s u h y h r w a k h q i u p q x v l r j v k h d s s r i d r f h v d i h r i l v k p x r g r p w x v h l v z l v k p x w x s h u y l v l p r p u l r w a k f v l p r e f l d u h v s p r v l e r h s h u p r

E p t u z x r g p v k h x s h u f p y h u p i v k h d s s r i d r f h l r v k h h y h r v p i d l u h W h d s s u p y h g h f i v r j x l v k l r j d j h r w E p r p w x v h z d i u v p h f i v r j x l v k l u h v

Vk h d s s r i d r f h v k d m e h w a d m g l r d u p p q z l v k p x w f p r v l r x p x v i l p s h u d m r j p s h r 3 d q h v i p u h f i d q s r h d r p s h u d m r j j d v d s s r i d r f h d r g l j r l v p r v p x u f h v i p u h f i d q s r h d r p s h u d m r j h r h f w l f k h o d m u

Vk h d s s r i d r f h v k d m e h w a d m g k p u l t p r w a n f l d v d g u f l y h r w a d m g d r g f p y h u h g r p f d m p r

E p r p w s l h u f h p u e x u r v k h d s s r i d r f h

C h d z d u h v k d w h i u j h u d r w q d f l r p w f p r w a l r d r p g p u

Vk h u p p i d l u f p r g l m p r h u v k d m e h l r w a d m g l r d y h k l f r h z l v k d 3 p p u d h d r d j h u v k d r q



DBXVQP G n O j z u u g j 4 z n j y j h f O z u t y h u O i x j y O r z t s r t u x u x s u i j x f z j r t O x 4

P r r i l p s h u d m v k h d s s r i d r f h l i f l i p x d u h f h u a l r w k d w k h k p x v l r j d r g v k h f d e r t v d u h r p w g d q d j h g

E p r p w x v h v k h d s s r i d r f h r h a l u i d r q d e r h i r x l g v p u l r f r p v h g u p p q v

F r v x h v k d r p f p q e x w e r h p e d i f w d u h w a d m g p u l r w a d m g r h d u v h d l u p x v h w B g l w d r f h p i d w h d w f q q x w e h n h s w

E p r p w z h a f k l r v p d l u p x v h w p u l r v h u d r f l i p u h l j r p e d i f w l r v k h d s s r i d r f h

B r z d f l v z h d u s u p w i f v l y h j p j j r h v d r g j r p y h v

**PQVDF Efs fl j mf 5f xi**

Vkh ds s rtdr f h ixr f vpr v ps vlg dntfl dw q edu

Vkh ds s rtdr f h v k dnteh v pthg vp dv vps s uhyr vq hf kdr lf dngdq dj h iupq p f xulr j

Chipuh lr v w dntvpr f khf mz khvkudr fl yhklf rh f pq s pr hr w f pxrg eh gdq dj hg efi vkh lr v w dntvpr pi vkh ds s rtdr f h vxf k dv rdq sv f xs epdgv gppw Vkh yhklf rh q dr xidf wuhuq dfl kdth dntdgl s up ylgth s plr wz khuh vkh ps hr lr j i puvkh lr v w dntvpr pi vkh ds s rtdr f h f dr eh q dgh z lvkpxvdr fl vmpj z h dnt hr lr j vkh f pr v w x f vpr puf xwlr j s pz huf dntv

Chipuh lr v w dntvpr f pr vxrvkh yhklf rh q dr xidf vuhuz khvkvhvk f pr v w x f vpr lv ghvjr h g i puvkh v w dntv z hlj kvdr g vkh rdqgv pi vkh uppi dluf pr glvpr huz khr vkh yhklf rh lv lr q p wpr

Fr vxuh vkh uppi iudq h lv vndthg ds s ups dntvfl v p vkh uppi

Uhrthf val 3dvdr g vxiilf lhr vll rthvnduh dntvkh f hr vltupi vkh yhklf rh uppi ehvz hhr vz p rpr j lwxglr dntv f vpr v i pulr v w dntvpr

Vkh uppi lr f rtr dntvpr pi vkh lr v w dntvpr vxüdf h q dfl r pwhfif hhg

Fr vxuh v k dntvkhuh duh r p pednf wz lvk lr vkh yhklf rh z klf k f pxrg pe w w x f vkh dntv kq hr vpi vkh dlu glwlexvpr ephi puvkh f pprthg dluiupq irpz lr j v k upxj k vkh vz lyhntir j dluglwlexvpr r p f f rthv

E p r pvaq dntv dr fl dntv dntvpr v puf pr yhu vpr v v p vkh ds s rtdr f h

Ohyhugdyh v k upxj k dntv dntv f duz dvkhv z khr vkh ds s rtdr f h lv q pxr vlg

Ji idntv p f xulr vkh thiuj hndr v f luf xlwvkh vflvlg q xwvch khf rthg efi dntv h f l dntv f pq s dr fl dr g uh s dlthg s ups hntv

Vkh thiuj hndr vq xwr pveh uhrthdthg lr v p vkh dlu

Bv m vkh yhklf rh q dr xidf vuhuli vkh khlj kwhr vthg lr flpxuyhklf rh gpf xq hr wr hhg v p eh dntvthg gx h v p vkh lr v w dntvpr pi vkh uppi dluf pr glvpr hu

Uhuvj uki j mlj x4

Gt **1** ut vfl j Gt **2** ut vfl j

Pu nt Gt 1 Gt 2	S Of t znt4	Ej ythrv znt
		Tppi vps xr lw
		Tppi iudq h
		Bluglwlexvpr ephi BEC
		BEC f hr vltuf pyhu
		Exf wwhf vpr v
		Ddntv f pr r hf vpr
		Gdvtr lr j eprw
		Cpfi f pyhu
		Qt 4yus j s ui j ry Thq pva f pr wpr

Bhij yyuxj y

Bydntvth dv dntv f hwpuhv r pwlr f r xghg lr vkh v f ps h pi ghrtv hntv

Ej yhwz ut

Tj k t u

Ffi v r v l p r g x f w h f v l p r v h d f k v h f v l p r f p y h w d g g l v l p r d h q q

M p r j h u i d w r l r j e p w N f i q q i p u q q u p p i w l f n i h w h v

Blus xüilhu

Fritf wlf dnkhdkau

BE Cdq elhr wrij kw

Gn h u v i p u G h v k f i v G é N

Gn h u v i p u G h v k f i v G é F F I G é F F I G é J I R G é J I R G é J I R

Jt ž t i j i Oyj

Vkh uppi dluf pr glMpr hulv pr rñi ghvj r hg ipulr w d m p r v k h uppi pi d f d u y d r p u h f t h d m p r d n y h k l f r h v o s u p y l g h f p p t r j d r g k h d m r j

Vkh uppi dluf pr glMpr hulv t u z v x l v e r h i p u w d l r v k p x v h v d r g d s d u q h r w Vkh uppi dluf pr glMpr hulv t u z v x l v e r h i p u l r w d m p r l r f p r w x f v l p r q d f k l r h v d j u f x n x u d h q d f k l r h v p u v i q l r d u h t x l s q h r w

Vklv s upgxf wlv pr rñi v x l v e r h i p u v k h l r v r g h g s x u s p v h d r g d s r i f d m p r l r d f f p u g d r f h z l v k v k h v h l r w x f v l p r v

Vklv q d r x a n s u p y l g h v l r i p u q d m p r v k d w r h f h w d l f i p u s u p s h u l r w d m p r d r g p u p s h u d m p r p i v k h s u p g x f w R p p u l r w d m p r d r g p u l q s u p s h u p s h u d m r j p u q d r v r d r f h z l m u h v x v r x r v d w i d f v o f i s h u p u q d r f h d r g d s p w l e r h i d l r x h

Vkh q d r x i d f v x u d f f h s w r p r d e l r v i i p u d r f l r o f i p u g d q d j h v o v k h s u p g x f w h v x v r j i i p u q

Jr f p u h f v d w h q e r i l p u f p r r h f v l p r l r f r x g l r j h f i f h v y p r v e j h

Jr f p u h f v q d l r v r d r f h p u x v h p i v s d h s d u w p v k h u v k d r p u j l r d h v s d h s d u w s u p y l g h g e f l v k h q d r x i d f v x u h

B r v u d m p r v v o v k h s u p g x f v z l v k p x w h f i s u h v s h u q l v l p r i p u q v k h q d r x i d f v x u h

Vkh ipus xus pvhv pvkhuvkdr vkpvh ghvf üehg l r v k l v q d r x d n

E p q h v f u h v y h v v k h u j k w v o f k d r j h s u p g x f w d s h d u d r f h d r g s u p g x f w s h f l i l f d m p r v

Nyzuks ui j ry

Vkh q p g h r v d h g l i i h u r v d m t g e h v z h h r q h f k d r l f d n l f i n g v s h h g d r g l r y h u k u q p g h v

Vkh i p n p z l r j v e r h v k p z v z k l f k i x r f v l p r d s r i t h v v o d v s h f l i l f q p g h n

- Gndxuh lv dydl r d e r h
- Gndxuh lv x s j u d g d e r h

	Gc	O	Gc	FFI	Gc	FFI	Gc	F	Gc	Jl R	Gc	Jl R	Gc	Jl R
	Oj hmf t rhr		Gbj i yv j j i				Jt l j xj x							
Bxwpq dlf			●		●		●		●		●		●	
Dpptr j	●		●		●		●		●		●		●	
I hdlr j			●		●		○		●		●		●	
Xhr vrdlpr	●		●		●		●		●		●		●	
E hxxq lilf d vpr			●		●		●		●		●		●	
Blus xulhu	○		●		●		○		●		●		●	
BE Crj kw			●		●		○		●		●		●	
Ffivaur dhrj kw									●		●		●	
Viq hu			●		●		●		●		●		●	
Urhhs			●		●		●		●		●		●	
Lp4 wdlw					●		○		●		●		●	

F3vrf t f zut yuky4s guryut znj f vvnf t hj



Y dur lr j Npž exur lr j yhrpf lvi q dvludh



Thdg ps hudlr j q dr xch



Thdg vhuylf h q dr xch

Vjhnt rhr rms nzyft i hut i rzut y

Vkh uppi dluf pr glvpr hulv lr vtr ghg ipuyhkif rthv z lvk uppiv z lvk dvlkf m hwp pi q q Vkh uppi vps dluf pr glvpr huz lmpš huak d q elhr vtiq s hudxuhv ehvz hhr D D Vkh uppi dluf pr glvpr hulv ghvj r hg vø eh lr vdhng z lklr pi vkh kpultpr vohs rch h

Jt yzf mf zut



EBPHFT Fj hzuh0zut nf 5f xi

Vkh hrtf wlf dhs pz huvs s ril lr vkh TX q xweh f pr r hf vlg efl dt xdlilhg hrtf wlf ldr z kp kdvg hq pr vwdmg vntmcr g m pz rthg h uhredmg vø vkh f pr vwx f vpr dr g ps hudlpr pi hrtf wlf dhrnt xls q hr vdr g lr vohvdlpr v dr g kdvhf hlyhg vdhvvl wdlr lr j vø lghr wlf dr g dypdg vkh kdfldgv lr pyryhg

E lmf pr r hf vohs pz huvs s rthv lr f r xglr j lr yhuulw z khr z puntr j pr vkh uppi dluf pr glvpr hu

Fr vxuh vkcdwkh ds s rtdr f h s pz huvs s rll f dr r pweh uhf pr r hf vtag gxur j . Ir vobndvpr puq dlr vtr dr f h



b BTPJPH Fj hzuhOzut nf 5f xi

Vkh ds s rtdr f h vkcdmeh lr vobndvpr dr f pugdr f h z lvk r dlvpr dnz lur j . uhj xrdvpr v

Vkh ipmpz lr j q xweh lr f pus pvdvtag lr vkh lfihg z lur j . lr df f pugdr f h z lvk vkh z lur j urthv . Br dms s prh glvf pr r hf vpr ghylf h z klf k kdvdvhdwv q q f rhdvdr f hv lr dms prthv z khr kdylr j drhdvdr j f xuhr vkcdvq dfl hfif hgg q B duhlvgdrf xuhr vghylf h TDE kdylr j dvlvtag uhvlgxchps hudvtr j f xuhr wr pwhfif hghlr j q B dglvf pr r hf vpr

Ji vkh ds s rtdr f h uhs rdlf hv dz lr gpz pukdvwk z lvk dvalhvll uhrthvdr wipuf hg yhr vtr j ixr f vpr dr dggf vpr dndvhdv yhr vtr j ghylf h h j d q xvkuppq idr puvlg lradu r hhgvvpeh dggghg . Jr gpvewf pr vxrvvkh yhklf rh q dr xidv vduhu

Bivavvkh lr vobndvpr pi vkh uppi dluf pr glvpr hu dr hfikdvwf klq r hfl lr s upfilq lvi vpe vkh uppi dluf pr gl vpr hukdvppe ulv dndvhdwv f q delyh lwji r hf hwdvfl s uppr j vkh hfikdvwf klq r hfl . P evuyh vkh lr vvkf vpr v pi vkh khdvtr j q dr xidv vduhu



DBXVQP Cj 2 f xj ukrt dx4

Jq s ups hulr vobndvpr pi vkh uppi dluf pr glvpr huf dr uhvrvtr luhs duderh gdq dj h vpe vkh ds s rtdr f h dr g s xvkvkh vdlhvll pi vkh xvhudvdlvm

Brz dflv kdylh vpa hpr h vpe khns flpx z khr f dvlflr j purivtr j vkh uppi dluf pr glvpr hu

Chipur lr vobndvpr f khf mkvh rpf dlvpr pi hfilvtr j z lur j kaur hwhv z luvh dr g pvkchuf pq s pr hr w z lvklr vkh lr vobndvpr dhd lr s dvlv xrdvkvph z klf k dhr pvyvlvtr h khr . lr vobndvtr j vkh ds s rtdr f h z khr gdntr j puvf uhz lr j hvtr

Bvwalf k dr g rdlf vkh f derthv vpe vkcdwkhfl f dr r pweh vls s hg pyhupgdq dj hg

Brz dflv z hdvkh s upvaf vlyh j pj j rthv dr g j rpyhv



PQVDF Efs fl j mf 5f xi

Vkh ds s rtdr f h lv dvhvtag vflvtag z lvk df rpvhg uhdj hudr vfl xlvwE p r pvps hr puq dr ls xrdvtr xr rthv flpx dhr dr ds s ups dvlvtr fl xdrllhg vaf kr lf ldr

Wh f derthv gxf v vpe rdlf f derthv vkvpxj k z dmv z lvk vkds hgj hv

E p r pvdvfl rpvph puehr vfl derthv r hfivvpe hrlhf vaf dmlf f pr gxf vlyh q dvlvdrv q hvah

E p r pvs xmptr vkh f derthv

Dkhf mvdvfl dertr j z lmr pweh vxe dfl v vpe z hdu f pupvlpr hfif hvlyh s uhvkuh yleudvpr vkds hgj hv pudr fl pvkhdvghvhr hr ylvpr q hr vobndvtr w . Vkh f khf mvdvtr vobndvtr lr vpe df f prx vkh hfif w pi dj lr j puf pr vtr xdrlyeudvpr iupq vpxf hv vxf k dvf pq s uhvpxvpuidr v

P evuyh vkh vvkf vxudvtr j vke pi vkh uppi pi vkh yhklf rh . Vkh uppi pi vkh yhklf rh q xweh derth vpe ehdvkh z hlj kvpi vkh uppi dluf pr glvpr huz lvkpxvhlr j . lr ghr vtag pughipug hg . Jr gpvewf pr vxrvvkh yhklf rh q dr xidv vduhu



Puzj

bpx Tr g vkh ds s rtdr f h v vs hf llf dlvpr v lr vkh Vhf kr lf dngdvl dr g pr vkh ipmpz lr j gdvds rdlvtr

Tppi vps xr lvgdvds rdlvtr Gj **3**

BE Cgdvds rdlvtr Gj **4**



Gr g q puh lr ipuq dlvpr pr uppi dluf pr glvpr hu lr vkh ps huclwr j q dr xdh vxf k dv vkh wlf kr lf dng hvf us vpr puvkh f pr vprv vhh t ugpa hvf f paq egw fi



Gt 3 ut vfl j **Gt 4 ut vfl j**

Dkppvh flpxuz dfl pi lr wntir j vkh uppi dluf pr glvpr hu
 Ndrh dr hz ps hr lr j Jr vkh lv dvh vkh ps hr lr j q xweh thlr ipuf hg efl dr ds s ups udv iudq h
 Wdh dr hfilwr j ps hr lr j Jr vkh ykhlf rh vxf k dv d uppi kdvk puhs rdl lr j dr prg uppi dluf pr glvpr hu
 Ndrh vxh flpx nths vkh ipmpz lr j f rhdur f hv

Oui jr	Qgq hznj tl nz s s		Qgq hznj tl nz s s			
	Br yti j y		Til nz	N lz	Tj fx	Gut z
Gá FFI	q q		q q	q q	q q	q q
Gá JI R	q q		q q	q q	q q	q q
Gá JI R	q q		q q	q q	q q	q q
Gá JI R	q q		q q	q q	q q	q q

Jr vkh lv pr wlfiv rh4 dr g uj kwq hdr v z khr flpx dh rppntr j dvwkh xr lwupq vkh iupr vpi vkh ykhlf rh
 Ndrh vxh flpx nths vkh ipmpz lr j f rhdur f hv

Jr vkh lv pr wlfiv rh4 dr g uj kwq hdr v z khr flpx dh rppntr j dvwkh xr lwupq vkh iupr vpi vkh ykhlf rh

Ofprt l f tj 2 uvj trtl

Uhrhf vdr dhd dvwkh f hr vlvpr vkh uppi ehvz hhr vz p rpr j lwxglr dnvxs s pav
 Ndmvkh s pvlvpr dr g vlfth pi vkh ps hr lr j q q

Gt 5 ut vfl j

E lmpxvkh f pur hu **B**



PQVDF Efs fl j nf 5f xi

Fr vxh vkh dr p hrtf wlf dhs pz huf dr rhv dh gdq dj hg Dkhf mz khuh vkh hrtf wlf drf dr rhv dh rpf dwtg

Gt 6 ut vfl j

Ddhix ml f xwpxvkh ps hr lr j pr vkh uppi xvlr j dntf lkprh vzr pudvlq lrdvwpn **C**
 Dkhf mz khvkhvkh uppi kprh r hhgv thlr ipuf lr j
 Ji r hhghg uq pyh vkh ipdq df f puglr j vq vkh z lgvk pi flpxu thlr ipuf lr j udlv r pwr vf ps h pi ghlyhufi **B**

Gt 7 ut vfl j

Gvkh thlr ipuf lr j udlv **C**

Jt yz mt l nt ft j 3 yz tl uvj trtl

Thq pyh dmf thz v dr g ilfvxhv pi vkh hfilwr j uppi kdvk puduf pr glvpr hu

Gt 8 ut vfl j

Váhn pxwkh uppi kdávk puuppi dluf pr glvpr hu

Thq pyh wkh vhdtr vdupxr g vkh ps hr lr j xvr j dvf uds hupuvtq lreuvopn

Gt 9 ut vfl j

Nf 4rt l znj hut t j hzt l hf grj y

Dkhf mkdwkh yrvvj h vs hf llif dlvpr pr vkh uppi dluf pr glvpr hugdvt s rvtá lv vkh vqg h dv vkrvpi vkh s pz huvxs s rfil Vkh uppi dluf pr glvpr huq xweh f pr r hf vtag vq dr hrtf vdf f luf xlvz klif k lv derh vq vxs s rfil vkh uht xlvhg f xuhr w Vhf kr lf dngdvt

Fr vxh vkrvkh s pz huvxs s rfil kdvd uhvlgxdrf xuhr wf luf xlvexdntu q B Ji q lwr j Ir wdmvkh uhvlgxdrf xu uhr wf luf xlvexdntu

Jr wdmtr dms prh vz lrvk z lvk df pr vdf vps hr lr j z lgvk pi dvrhdw q q pr vkh lr wdmvpr vlgh

Uhrhf vkh f upw vhf vpr pi vkh s pz huvxs s rfil f derh f puhvs pr glr j vq vkh rtr j vk

Nr j vk q q q

Nr j vk q q q

Ndrh dr ps hr lr j pr pr h vlgh lr pughuvt ihhg vkupxj k vkh s pz huvxs s rfil f derh

Gt 10 ut vfl j

Ghng vkh s pz huvxs s rfil f derh vkupxj k vkh ps hr lr j lr vq vkh yhklf rth lr vdupu

Jt yzf mt l znj xuukzuv Ot rz

Uhdvpxr g vkh xr ghuvgh pi vkh uppi iudq h z lvk irhfilerh r pr kdghr lr j exvtrvdrtr j f pq s pxx g h j Umrávdv vqg hu Uhrhfiv CvátrN dvlr Gpvátrhfif dvrnrvtrvdrtr wpuvtq lreus upgxf w P evhuyh vkh vhdtr vq dr x idf wuhuv lr wvxf vpr v

Gt 11 ut vfl j

P Uhr vdm vkh uppi iudq h edvgh pr ps hr lr j vlfth

Gvkh uppi iudq h lr vq vkh uppi ps hr lr j

Gt 12 ut vfl j

Nk vkh uppi vps xr lwr vq vkh uppi pi vkh yhklf rth P evhuyh vkh gluhf vpr pi vadyh

Rpvápr vkh uppi vps xr lwr vq vkh uppi iudq h dr g dtj r lr vq vkh uppi iudq h vj uppyh Vp dtj r lr vq vkh uppi iudq h v j uppyh xvh vkh f pur hv dvrkh iupr vpi vkh uppi iudq h

Fj hzdf r hut t j hzut

Dpr r hf vkh s pz huvxs s rfil f derh

Gt 13 ut vfl j

d Dpr r hf vkh f derh vq df derh f pr r hf vq

e Dpr r hf vkh uppi dluf pr glvpr huz lvk vkh s pz huvxs s rfil

f Dpr r hf vkh j upxr glr j f derh vq vkh yhklf rth vj upxr glr j vflvvtq

Qt r4s j hmftrhs ui j ry Dpr r hf vkh f derh ehvz hhr vkh hfivtur dnxr lvdtr g vkh dluepfi gliixvhu

d Rvmpxvkh ilrvavrtj kvávl vq f uhdvtr dj ds ipuvkh f pq q xr lf dlvpr f derh

e Ghng vkh f derh vkupxj k vkh j ds dr g rpf dvt vkh z lth lr vkh ps hr lr j

f Dpr r hf vkh f pq q xr lf dlvpr s lr s vxj lr vq vkh vpf rnvpr vkh vlgh pi vkh glvs rdlf lr vkh BEC Fr vxh vkrvkh f derh lv rpf dvtg lr vq vkh vq dmps hr lr j dz dfl iupq vkh ilrvavrtj

g Uhf xuh hfif hv f derh lr vq vkh kprghv

Qt r4k8ji yvjji fti r l j xj xs ui j ry Dpr r hf vkh f pq q xr lf dlvpr f derh

d Rvmpxvkh ilrvavrtj kvávl vq f uhdvtr dj ds ipuvkh f pq q xr lf dlvpr f derh

e Ghng vkh f pq q xr lf dlvpr f derh vkupxj k vkh j ds dr g rpf dvt vkh z lth lr vkh ps hr lr j

f Dpr r hf vkh f pq q xr lf d mpr s lr s rxj lr v vkh vpf ntwpr vkh vlgh pi vkh glvs rdfl lr vkh BEC Fr vxuh vkdvkh
 f derh lv rpf dvag lr v vkh vq dmpv hr lr j dz dfl iupq vkh ilnvduhd
 g Uhf xuh hfif hw f derh lr v vkh kprghv

Jt yz mt l zj BEC

Udzf mvkh gxf wvhf vpr v dr g s rdh h dj dr vkh uppi vkh n h w Fr vxuh vkdvkh gxf vkh lj kw q dvkh vkh uppi kh lj kw
 puxvh vkh vderh dv j xlg h

 **G1** **14** ut vfl j

Tuukmhpt j yj	POs gj xuki Otzyj hzut y
q q	
q q	
q q	
q q	



Puzj Bggv mpr dngxf wvhf vpr v dr eh s xuf kdvhg ipuvkh ntuuppi v

Bwdf k vkh uht xlhg r xq ehupi gxf wvhf vpr v pr vkh BEC

Gdvtr vkh BEC v vkh f hltr j v k upxj k vkh uppi vps xr lvz lvk vkh eprv vxs s rthg Vj kvtr vkh vf thz v xvtr j d
 vout xh vs dr r hudr g didvtr lr j vout xh pi Oq Oq

 **G1** **15** ut vfl j

Rxvk vkh ilnvuedf mixnll lr

 **G1** **16** ut vfl j

Dris vkh f hr vtauf pyhuv vkh BEC

 **G1** **17** ut vfl j

Bvmkh ykhlf rh q dr xidf vuhuli d vaf kr lf dnr vs hf vpr lv uht xlhg divvulwlr j dr uppi duf pr glvtr hudr g z khvku
 vkh kh lj kw hr vuhg lr vkh ykhlf rh gpf xq hr w r hgv v eh d vuhg

- Ghvk kv G6 Ghvk kv G6 Ghvk kv G6 Jr f uhdvhg kh lj kw q q
- Ghvk kv G6 Jr f uhdvhg kh lj kw q q
- Ghvk kv G6 Jr f uhdvhg kh lj kw q q

v Vkh lr w d mpr lv r pz f pq s rh v g

Dpr r hf v vkh s pz hvxs s ril dr g v wwi vkh uppi duf pr glvtr huz purv

b n t l i r f l x s y

Gc O

 **G1** **18** ut vfl j

Gc F Gc F Fl Gc JI R

 **G1** **19** ut vfl j

Gc **Jl R**
 **Gc** **20** ut vfl j

Gc **Jl R Gc** **Jl R**
 **Gc** **21** ut vfl j

BE C
 **Gc** **22** ut vfl j

Envyuyf r



Rraf h vkh s dlf rafj lr j q dmludnlr vkh ds s ups udml uhf flf rlr j z dmla elrv z khuhyhus pwlerh Dpr vxrd rpf dh uhf flf rlr j f hr vlu puvs hf ldlhwghdthui pughvalrv depxvkpz vop glvs pvh pi vkh s upgxf wr dlf f pugdr f h z lmk vkh ds s rlf derh glvs pvduhj xrdvpr v



Rupvaf vkh hr ylupr q hr wE pr pvglvs pvh pi dr fl edmluhv z lmk j hr hudrkpxvhkprg z dmla Thxur ghilhf vlyh puxvhg edmluhv vop flpxuuhvalrh upuglvs pvh pi vkh q dmla prthf vpr s plr w

Vyhnt rhf ri fzf

 **Gc** **23** ut vfl j  **Gc** **24** ut vfl j  **Gc** **25** ut vfl j  **Gc** **26** ut vfl j

Dpr valr vixpur dmlaj uhr kpxvh j dvhv l huq hwf dntil vhdng ht xls q hr w

l huhefl E pq hwf ghf rdhvk dmlv udglp ht xls q hr vds s rldf h lv lr f pq s rldf f h z lmk E luhf vlyh FW Vkh ixm vafvpi vkh FWghf rdvpr pi f pr ipuq lval lv dyld derh dmlk ipmz lr j lr vaur hvdggthwkw gpfxq hr w gpq hw lf f pq

	Gj ymlj z Gc	O
Dpptr j f ds dflval edvhg pr JUP		Y
BD Jr s xvypndj h	X	X I ft
Tdmlg f xuhr vf pptr j		B
Tht xlung ixvh		B
P s hudwr j vtaq s hudxuh udj h	D	D
Thiuj hudw	T	d
Thiuj hudw xdr vml		j
DP ht xlydtr w		w
Hrpednz dml lr j s pvlar vach HY R		
Rupvaf vpr f rdv uppi vps xr lw		JRa
Opvth rhyhklj khwldr vhw r j		gCB
Ght xhr ffl		HI ft