

úüüüüü ù ÷ óú þíù ù ÷ øüüö öüüóþ ý ñíðüð ú ðüðö üüíñþóðí óù óú



LGH
Djurgu_ dhg^bpbhg_ju (QHUFH
=p

HIBK:GB? IJH>MDPBBB



>hdmf_gl <
FZc
AZf_gy_l ^hdmf_gl hl yg\Zjy



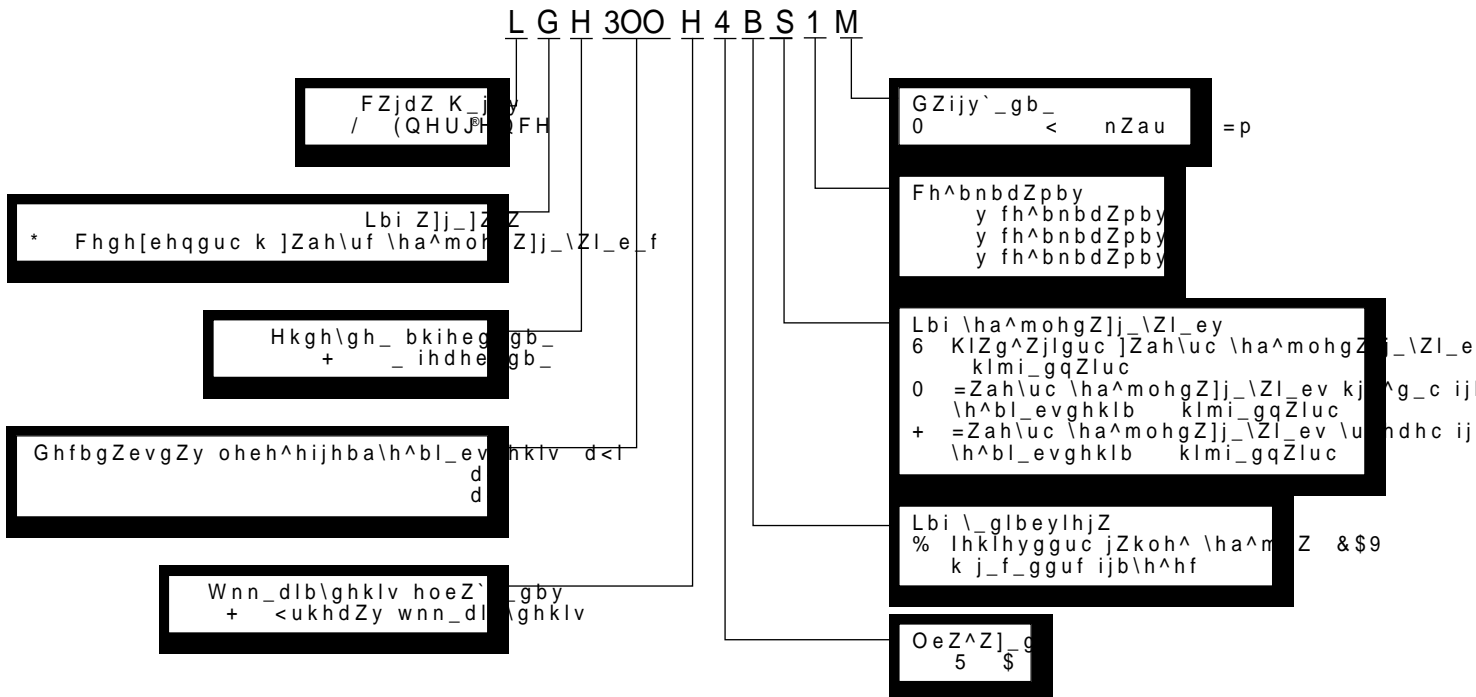
SMARTWIRE™ SYSTEM



HI ^h d<l hl ^h lhgg hoeZ`
Oheh^hijhba\h^bl_evghklv g_llh ± hl ^h ^dkl hl ;L? q
L_iehijhba\h^bl_evghklv]Zah\h]h \ha^mohgZj]\ZI_eyh d<l hl ^h ;L? q

ÿ þ ø þí ÿüüðüüñü üüüðüüí óüö

L G H 300 H 4 B S 1 M



Fhgh[ehqgu_djurgu_dhg^bpbhg_ju (QHUUHQFHŠ dhfiZgbb /HQQR[hkgZs_ggu_ ijhklhc \ wdkien fhc mijZ\le_gby hlebqZxlky bkdexqbl_evgh \ukhdhc wg_j]_lbq_kdhc wnn_dlb\ghklvx b h[_ki_qb\Zx ljhgw_j]bb ;eZ]h^Zjy wlhfm ^Zggu_dhg^bpbhg_ju y\eyxlky b^_Zevguf j_r_gb_f ^ey kha^Zgby kbb dhg^bpbhgbjh\Zgby \ha^moZ k fbgbfZevgufb aZljZIZfb Hlebqbl_evgu_ hkh[_gghklb djurguo dhg^b

- ‡ K_j\bkgu_iZg_eb gZ ih[Levio_qb\Zxl [ukljuc b m^h[guc ^hklmi d \gmlj_ggbf dhfihg_gIZf Z]j_]ZIZ eb b djurm hl ih\j_`^_gby ijb l_ogbq_kdhf h[kem`b\Zgbb
- ‡ Bahebjh\Zgguc dhfij_kkhjguc hlk_d ± ijh_jdZ jZ[hllkikhkh[ghklb b dhgljhev jZ[hqbo iZjZf_ljh\ dhfij_kkhjZ [_a ij_ju\Zgby ihlhdZ h[jZ[Zlu\Z_fh]h \ha^moZ
- ‡ Kt_fguc g_j`Z_xsb ih^^hg ^ey k[hjZ dhg^_gkZIZ ±]b[dhklv ijbfg_g_gby ^he]h_qghklv b m^h[_b\Zgby Keb\gu_iZljm[db k[hdm beb kgbam
- ‡ L_jfhj_]mebjmxsb_ _glbeb h[_ki_qb\Zxl fZdkbfZevgm x oheh^hijhba\h^bl_evghklv Z]j_]ZIZ \h \
- ‡ KibjZevgu_dhfij_kkhju ± klZg^Zjlg_u dhfihg_glu ^ey \k_o fh^_e_c h[_ki_qb\Zxsb_ \ukhdmx g kjhd kem`[u Z]j_]ZIZ
- ‡ Dhg^_gkZlhj /HQQR[¶ (QYLURQÆ ± E_)dbc b dhfiZdlguc l_iehh[f_ggbd dhg^_gkZlhj
- ‡ <_glbeylhj k ihklhygguf jZkoh^hf \ha^moZ &\$9 h[_ki_qb\Z_l ih^Zqm \ha^moZ k ihklhygguf jZko
- ‡ :\lfZlbq_kdh_j_]mebjh\Zgb_gZly`_gb_ ijb\h^gh]h j_fgy _glbeylhjZ ^ZggZy hipby mklZgh\le \bl_e_ h[_ki_qb\Z_l klZ[bevgghklv jZ[hqbo oZjZdl_jbklbd _glbeylhjZ \ukhdbc mjh_gv dhfnhj ghklv b ^ebl_evgu k jhd kem`[u ijb\h^gh]h j_fgy
- ‡ Nbevlju 0(59 aZy\le_ggh_agZq_gb_fbgbfZevghc wnn_dlb\ghklb \ khh\ \kl\bb k \$6+5\$(gZ aZ\h^_ba]hlh\bl_e_beb gZ f_kl_fhglZ`Z h[_ki_qb\Zxl ih\ur_ggh_dZq_kl\h \ha^moZ \ h[k
- ‡ Nhev]bjh\ZggZy l_iehbaheypby gZg_k_ggZy gZ \k_o \gmlj_ggbo ih_joghklyo Z]j_]ZIZ khijbd lu\Z_fh]h \ha^moZ bkdexqZ_l ihiz^Zgb_f_edbo \hehdhg \ \ha^mrguc dZgZe Wlh ih\urZ_l dZq dhfnhjZ \ ihf_s_gbb
- ‡ KlZg^Zjlg_u dhfihg_glu < khklZ\ Z]j_]Zih\ \k_o lbihjZaf_jh\ \oh^bl [hevrh_dhebq_kl\h klZg^Z jh^Zjy wlhfm mf_gvrZ_lky Zkkhjlbfgl ^_lZe_c ojZgysboky gZ kdeZ^_b aZ[bjZ_fuo ^ey j_fhgl

Kbkl_fZ mijZ\le_gby 3URGLJ\

<k_djurgu_dhg^bpbhg_ju k_jbb (QHUUHQFH hkgZs_gu gh\ufhthjgljhee_jhf 3URGLJ\ kh^bgy_l \ k[_emqrb_ ^hklb`_gby dhfhZgZblbHQQR[f mijZ\le_gby Bglmb\ gh ihgylguc bgl_jn_ck agZqbl_evgh mijhsZ_l gZkljhcdm ihbkd g_bkijZ\ghkl_c b l_ogbq_kdh_ h[kem`b\Zgb_Z]j_]ZIZ Dhgljhee_j h[_ki_qb\Z_l mq_l \j_f_gb jZ[hlu dZ`^h]h ba hkggh\guo dhf ihg_glh\ Z]j_]ZIZ Z lZd`_j_]bkljZpbx ^Zlu b \j_f_gb ijh_^_gby l_ogbq_kdh]h h[kem`b\Zgby beb j_fhglZ

Kbkl_fZ 6PDUW:LUHÆ

Kbkl_fZ 6PDUW:LUH mijhsZ_l mklZgh\dm dhfgZlgh]h l_jfhklZIZ beb ^ZlqbdZ bkihevamy ^ey wlhc p_eb jZat_fu k [md_ggh pbnjh\hc b p_lh\hc fzjdbjh\dhc dhlhjZy iha\hey_l ba[_`Zlv hrb[db ijb il e_c bkihevam_lky _^bgZy p_lh\Zy fzjdbjh\dZ dZ[_e_c Z dZ`^uc jZat_f hkgZs_g bglmb\gh ihgy mijhsZ_l ihbkd b mkljZg_gb_g_bkijZ\ghkl_c b l_ogbq_kdh_h[kem`b\Zgb_Z]j_]ZIZ

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KH>?J@:GB?

JZaf_ju ^hihegbl_evguo ijbGZ^e_`ghkl_c
L_ogbq_kdb_ oZjZdl_jbklbdb _glbeylhjZ
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We_dljBq_kdb_ oZjZdl_jbklbdb
Hkh[_gghklb b ij_bfms_kl\Z
<ebygb_ \ukhlu gZ^ mjh\g_f fhjy
KljmdlmjZ mkeh\gh]h h[hagZq_gby
>hihegbl_evgu_ kbkl_fu j_]mebjh\Zgby l_fi_jZlmju
>hihegbl_evgu_ ijbGZ^e_`ghklb
:dmklbq_kdb_ oZjZdl_jbklbdb kgZjm`b ihf_s_gby
Kbkl_fZ mijZ\e_gby 3URGLJ\Š
GhfbgZevgu_ oZjZdl_jbklbdb
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JZaf_ju k\h[h^gh]h ijhkljZgkl\Z
FZkkZ Z]j_ZIh\ b dhfihg_glh\

øüü þ üüñþóðí

① Fgh]hnZd_evGZy]hj_edZ ba ZebLb
\Zgghc klZeb g_ikhj_`^kl\`_ggh_ bk
dj\h_ aZ`b]Zgb_ we_dljhguc ^Z
ieZf_gb ijbGm^bl_evGZy ih^ZqZ \h
^moZ \ ahgm]hj_gby j_a_j\guc Z\
fZlBq_kdbc h^gh beb ^\moklmi_gq
]Zah\uc deZiZg k jmqguf aZdjulb_
L_iehh[f_ggbd
Dh`mohljm[guc l_iehh[f_ggbd ba
ZebLbjh\Zgghc klZeb ijhr_e bkiu
lZgby gZ ^he]h\`qghklv
?keb l_fi_jZlmjZ kf_rZggh]h \ha^m
gb`_ fK lh g_h[oh^bfh mklZgh\
l_iehh[f_ggbd ba g_j`Z_xs_c klZ
^hihegbl_evGZy ijbGZ^e_`ghklv

þíü ö ó íþíø ópöy ö- úíþøöþüðøí ©&(ª üý ö
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l_f_ aZa_fe_gby \ khh\`_lkl\bb k_bkiheg_gbb k`fjdb
lj_[h\Zgbyfb klZg^Zjh\ ih [_ahih\kdhc `3&(`
ghklb ijb l_ogbq_kdhf h[kem`b\Zggh]jmdpby lZdbo Z]j_]Zih\ hl
ij_`ty\ey_fufb EZ[hjZihj_b_c ih khh\`_lkl\mxsf lj_[h\Zgbyf qh]
l_ogbd [_ahizkghklb 8/ b F_ih^mohgZy_l ijh^Z\lV bo \ kljZgZ
jh^ghc we_dljhl_ogbq_kdhc dhfihg_glu dZ `3&(` yley_lky h[yaZi
FWD guf mkeh\b_f bkievah\Zgby dju
Oheh^hijhba\h^bl_evghklv baf_guZdhg^bpbhg_jh\
ijb mkeh\byo j_]eZf_glbjh\ZggDhgkljmdpby Z]j_]Zih\ k fZjdbjh\
klZg^Zj]hf \$+5, Bg `3&(` h\`_qZ_l lj_[h\Zgbyf ^bj_d
klblml dhg^bpbhg]h\Zgby \ha^moZ h fZrbgghfm h[hjm^h\Zgbx
hlhie_gby b hoeZ`^_gby ijb ghfb (& ih gbadh\hevlghfm h\
gZevghf gZijy`_gbb k_lb we_dljhm^h\Zgbx ((& ih we_dljh
iblZgby b ghfbgZevghf jZkoh^_fZ]gblghc kh\`_klbfhklb
\ha^moZ Kbkl_fZ dhgljhey dZq\`_lZb ih]Zah\hfm h[hjm^h\Zgbx
ijhba\h^akl\Z k_jlbnbpbjh\ZgZ \ kh ((& lh lj_[h\Zgbx aZdZa
hl_lkl\bb k lj_[h\Zgbyfb klZg^Zj]Z `^ey dZ`^h]h Z]j_]ZIZ k fZjdb
F_`^mgZjh^ghc hj]ZgbaZpbh\kdhc `3&(` \u^Z_lky ^_deZjZpbj]Zimju
klZg^Zj]baZpb `62 khh\`_lkl\bb lj_[h\Zgbyf mdZaZgguo
^bj_dlb\Zf
Hlebqbl_evgu`fb hkh[_gghklyfb ^Zg
guo Z]j_]Zih\ ih kjZ\g_gbx kh k\`_lkl\bb
^Zj]gufb Z]j_]ZIZfb yleyxky J_e_dhgljhey ieZf_gb ^Zlqbd ie
†AZsblZ we_dljBq_kdbo dhfihg_glu b kbkl_fZ gZ^am\Z \ha^moZ
hl ijyfh]h ijbdkgh\`_gby \ khh\`_lkl\bb k lj_[h\Zgbyfb (1 kbkl_fu
†AZsblZ hl i_j_]jmadb \k_o we d
ljBq_kdbo p_i_c fhsghklvx >Zggu_ ^ey ih^[hjZ
d<l h[hjm^h\Zgby

We_dljhggh_ aZ`b]Zgb_ aZiZe
ghc]hj_edb
We_dljhguc aZiZevgbd h[_ki_qb
gZ^`_gh_ g_ikhj_`^kl\`_ggh_ aZ`b
]Zgb_]hj_edb ijb ex[uo mkeh\byo
wdkiemZlZpbB Kbkl_fZ mijZ\e_gb
jZaj_rZ_l hldjulb_]eZ\gh]h]Zah
\h]h deZiZgZ lhevdh ihke`_jha`b]
]hj_edb ljb bkq_agh_gbb ieZf_g
]Zah\uc deZiZg aZdju\Z_lky i_j_
]Zy ih^Zqm]ZaZ \]hj_edm AZiZe
hkgZs_g k_lh^b^h^guf bg^bdZihjh
hlh]jZ`Xsbf_]h khklhygb_ b gZe
^b`_g_bkijZ\ghklb
Kbkl_fZ mijZ\e_gby jha`b]hf mklZ
gh_e_gZ gZ aZ\h^_ba]hlh\bl_e_ \
h`_d_ mijZ\e_gby
H]jZgbqbl_evgu_ mkljhckl\Z
H]jZgbqbl_evgu_ mkljhckl\Z mklZ
gh_e_ggu_ gZ aZ\h^_ba]hlh\bl_e_
b]f`xl nbdkbjh\Zggmx mklZ\dm l_f
]Zimju Mkljhckl\Z h]jZgbq_gby l_
]Zimju aZsbsZxl l_iehh[f_ggbd
ijhqb_ dhfihg_glu hl i_j_]j_\Z

†K[ehdbjh\Zgguc k ^_jvx aZibjZ_
fuc gZ aZfhd \udexqZl_ev jZat<`_h]]Zah\h]h gZ]j_\ZI_ey ±
gbl_ev bkdexqZxsbc \hafh`ghkl`_ZdZau\Z_lky h^bg ba ke_`^mx
^hklmiZ d we_dljBq_kdbf dhfihg_glu b ijb[hjh\
lZf ijb \dexq_gghf we_dljhiblZ kZg^Zj]guc]Zah\uc gZ]j_\ZI_ev
gbb < dhfie_dl ihklZ\`db \oh^bl\`_moklmi_gqZluc d<l
\bkyqbc aZfhd ^ey [ehdbjh\`db \y
dexqZl_ey jZat_`^bgbl_ey \ HL`_d`_g`_h\uc gZ]j_\ZI_ev kj_`^g_c ijh
Q?GGHF iheh`_gbb ba\h^bl_evghklb ^\moklmi_gqZluc
†<ukhdh\hevlgu_ b gbadh\hevlgu_ d<l
p_ib ijheh`_gu jZa^_evgh gZ aZah\uc gZ]j_\ZI_ev \ukhdhc ijh
^_ba]hlh\bl_e_ ba\h^bl_evghklb ^\moklmi_gqZluc
d<l

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øüû þ üiüñþóðî

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‡ljkklZy qbkldZ b l_ogbq_kdh_ h[

Dhgkljmdpby dhgImjZ h[_ki_qb\Z_b\Zgb_ jZa^_evgZy dhgkljmdpbb

fZdkbfZevgmx y\gmx b kdjulmx L_ieh[hf_ggbd aZdj_ie_g gZ Zj_]_

>hihegbl_evgu_ ijbZgZ^e_ ghklb ^hijhba\h^abl_evghklv ijb jZkq_ k_gübfhsvx fhglZ`guo djhgrl_cggh\

MklZgZ\eb\Z fu_gZ aZ\h^_ b_gImj fh`_l nmgdpbhgbjh\Zlv ijb

lhl\bl_e_ l_fi_jZlmjZo hl ^h fK [_a sbim hl dhjjhabb

L_ieh[hf_ggbd ba_g_j`Z_x- bkihevah\Zgby ^hihegbl_evguo

s_c klZeb mkljhckl\ mijZ\`e_gby

G_h[oh^bf _keb l_fi_jZlmjZ kf_OeZ^AZ]_gl 5 \$ l_evguo \ha^_ckl\bc

rZgghjh \ha^moZ himkdZ_lky gbO_eZ^AZ]_gl BkiZjbl_ev

MklZgZ\eb\Z fu_gZ f_kl_ wdkj`bl oehjZ_b L_ieh[hf_ggbd ba_f^guo ljm[kZe

iemZIZpbb beb_gZ aZ\h^_ ba_jh-jZajmrZ_l hahgh\uc kehc fbgb_\uf jbone_guf hj_[j_gb_f

lhl\bl_e_ l_h^h]j_Zl_eb dZjl_jh\ dhf- ijb gbadbo l_fi_jZlmjZo hdjm Z

Gbadhl_fi_jZlmjguc we_dljh`_j]Zlu \k_o fh^_e_c hkgZs_gu k_j_[jhkh^_j`Zsbf ijbih_f l_j^_

gZ]j_Zl_ev ^ey _klb[xe_c kibjZevgufb dhfij_kkhjZfb qlh hljZ\dhc k aZ\h^AZ ba]hhl\bl_ey ijb

We_dljhgZ]j_Zl_ev Z\lhfZlbg_kdb ki_qb\Z_l fZdkbfZevgmx wnb b^abl bkiulZgby gZ]_jf_lbgghklv

h[_ki_qb\Z_l ih^^_j`Zgb_fgb b_lghklv b gZ^_`ghklv Z lZd`_ g_badbf ihhguc l_ieh[hf_ggbd ba_ljm

fZevghc ^himklbfhc l_fi_jZlmjguc mjh\`gv rmfZ k_gmlj_ggbf hj_[j_gb_f iha\hey_l

hik_d_]Zah\h]h \ha^mohgZ]j_Zl_ev >ey kgb`_gby mjh\gy rmfZ dhfij

hkbfbabh\Zlv y\gmx b kdjulmx oh ^hihegbl_evghklv Gbadh_Zwj

ijb l_fi_jZlmj_gZjm`gh]h \ha^moZ khju mklZgh\`e_gu gZ mijm]bo j_a_jhgb

gb`_ `F& \uo ijhdeZ^dZo [hevrhfm rZ]m hj_[j_gby

MklZgZ\eb\Z fu_gZ f_kl_ l_h^h]j_Zl_eb dZjl_jh\ dhf- Bkihevamxkly l_ieh[hf_ggbdb jZa

wdkiemZIZpbb ij_kkhjh\ ^eyhey_l ba[_`Zlv ihiz^Zgby fZkeZ ^evghc dhgkljmdpbb

<kIZ\db ^ey aZ[hjZ \ha^moZ l_heyhey_l ba[_`Zlv ihiz^Zgby fZkeZ Lu_jfhj_]mebjmxsb_ _glbeb

]hj_gby \gmljv dhfij_kkhjZ \h \j_fy jZ^_Hf`_ki_qb\Zxl hilbfZevgmx ijhba\h^ab

J_dhf_g^mxlky d ijbfg_g_gbx kh ijb gbadbo l_fi_jZlmjZo hdjm Z Hf`_ki_qb\Zxl hilbfZevgmx ijhba\h^ab

\f_klgh k dhfie_dlhf m^ebg_gby h \ha^moZ l_evghklv \h \k_f jZ[hq_f ^bZiZahg_ HkgZs_gu kt_fgghc]heh\dhc

Fhgh[ehgguc p_gljZevguc dhg^bpbhg_j k]Zah\uf \ha^mohgZ]j_Zl_eb\h^_ckl\bc

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<kIZ\db ^ey aZ[hjZ \ha^moZ ^ey]hj_gby aZdZ`bl_ dhf & (;71)) / ; ;
ie_dIZ

L_iehijhba\h^bl_evghklv]Zah\h]h gZ]j_\ZI_ey KIZg^ZjlgZy ± MklZgZ\eb\Z_IHy H
gZ aZ\h^

Kj_^gyy ± MklZgZ\eb\Z_IHy H
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Gbadhl_fi_jZlmjguc we_dljhgZ]j_\ZI_ev ^ey _klb\æxe_pZau ± & /79+ & *: 2; 2;

Dhfi_e_dl ^ey bkihevah\Zgby k`b`_ggh]h g_rklygg^Zj]gZy ijhba\h^bl_evghklv ; ;
ijhiZgZ aZdZ`bl_ dhfi_e_dIZ /7\$/3*.

Kj_^gyy ijhba\h^bl_evghklv0 ; ;
/7\$/3*.

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/7\$/3*.

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MklZgZ\eb\Z_IHy H
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Dhfi_e_dl ^ey m^ebg_gby \ha^moh\h^Z _j]bdZevghf gZ & (;71 : ; ;
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Kbnhg \ kbkl_f_ hl\h^Z dhg^_gkZIZ

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AZsbIZ hl dhjjhabb

MklZgZ\eb\Z_IHy H
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J_e_mjh\gy \h^u \ ih^^hg_ ^ey hl\h^Z dhg^_gkZIZ (6165 \$' : 2; 2;
Wnn_dlb\ghklv <ukhdZy MklZgZ\eb\Z_IHy H
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OeZ^Z]_gl 5 \$ MklZgZ\eb\Z_IHy H
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IeZklbdh\uc ih^^hg ^ey k[hjZ dhg^_gkZIZ MklZgZ\eb\Z_IHy H
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J_e_mjh\gy \h^u \ ih^^hg_ ^ey hl\h^Z dhg^_gkZIZ (6165 \$' : 2; 2;
Wnn_dlb\ghklv <ukhdZy MklZgZ\eb\Z_IHy H
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OeZ^Z]_gl 5 \$ MklZgZ\eb\Z_IHy H
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IeZklbdh\uc ih^^hg ^ey k[hjZ dhg^_gkZIZ MklZgZ\eb\Z_IHy H
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We_dljh^b]ZI_eb

K j_f_gguf ijb\h^hf ± MklZgZ\eb\Z_IHy 2
gZ aZ\h^

K j_f_gguf ijb\h^hf ± MklZgZ\eb\Z_IHy 2
gZ aZ\h^

K j_f_gguf ijb\h^hf ± MklZgZ\eb\Z_IHy 2
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Dhfi_e_dlu ijb\h^Z

Dhfi_e_dl < h[MklZgZ\eb\Z_IHy 2
gZ aZ\h^

IJBF?Q:GB? DZIZeh`guc ghf_j b ghf_j fh^_eb ijb_^_gu ^ey aZdZaZ ijbGZ^e`ghkl_c mklZgZ\eb\Z_fuo gZ f_ 2; ± MklZgZ\eb\Z_Iky gZ aZ\h^_ ba]hl\bl_e_ dhgnb]mjZpby \u[bjZ_Iky ijb aZdZa_ beb gZ f_kl_ wdkiemZIZp 2 MklZgZ\eb\Z_Iky gZ aZ\h^_ ba]hl\bl_e_ dhgnb]mjZpby \u[bjZ_Iky ijb aZdZa_

Fhgh[ehqguc p_gljZevguc dhg^bpbhg_j k]Zah\uf \ha^mohgZ]p_\Zihba\h^bl_evghklv hl ^h d<l =p Klj

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Dhfhg_gl

Fh^_ev DZIZeh`gucLbihjZaf_j
ghf_j Z]j_]ZIZ

MdZaZgby ih ijbfg_ggbx b ih^[hjm ijb_^_gu \ DZ]f[eb pdl <	h[MkIzgZ\eb\Z_Iky	2
l_ogbq_kdbo oZjZdl_jbklbd _glbeylhjZ	gZ aZ\h^	
Dhfi_e_dl <	h[MkIzgZ\eb\Z_Iky	2
Dhfi_e_dl <	h[MkIzgZ\eb\Z_Iky	2
Dhfi_e_dl <	h[MkIzgZ\eb\Z_Iky	2
Dhfi_e_dl <	h[MkIzgZ\eb\Z_Iky	2
Dhfi_e_dl <	h[MkIzgZ\eb\Z_Iky	2
Dhfi_e_dl <	h[MkIzgZ\eb\Z_Iky	2
Dhfi_e_dl <	h[MkIzgZ\eb\Z_Iky	2
: \hfZlbg_kdh_ j_]mebjmkZgZ\eb\Z_Iky	gZly`_gb_ ijb\h^gh]h j_fggyZ_gZ\h^	2

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AZsblgu_ j_r_ldb l_iehh[f_ggbdh\	& *\$5'	:	:
AZsblgu_ j_r_ldb	& *\$5' '	.	:
We_f_glu aZsblu hl]jZ^Z	& *\$5'	:	:
Dhfi_e_dl iZg_e_c ^ey ih^kh_^bg_gby \ha^moh\h^h\ k[hdm	.	.	:

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J_e_ ijbhgh]h _glbeylhjZ	& 6165))	:	2;	2;
Kbkl_fZ mijZ\e_gby 3URGLJ\Š: Fh	^mev %\$&QHS & &75/ \$(/	2;	2;	
Kbkl_fZ mijZ\e_gby 3URGLJ\Š: Fh	^mev /RQ7DONS & &75/))	2;	2;	
Dhgljhee_j Z]j_]ZIZ 1RYDUŠ {70	(&75/ &	2;	2;	
1RYDUŠ MklZgZ\eb\Z_Iky	gZ aZ\h^			H

>Zlqbd aZ]jyag_gby nbevljZ (6165 & : 2; 2;

>Zlqbd l_fi_jZlmju ijbhgh]h \ha^moZ MklZgZ\eb\Z_Iky gZ aZ\h^ H

L_fi_jZlmjZ gZjm`gh]h \ha^moZ & 6165 \$' : 2; 2;

>Zlqbd ^ufZ ± <ha^moh\h^ ijbhgh]h beb j_pbjdmeypbhg&h6165 & : 2; 2;

]h \ha^moZ ieZIZ iblZgby b h^bg ^Zlqbd & 6165 & : 2; 2;

>Zlqbd ^ufZ ± <ha^moh\h^ ijbhgh]h b j_pbjdmeypbhg& 6165 & : 2; 2;

]h \ha^moZ ieZIZ iblZgby b ^Z ^ZlqbdZ & 6165 \$(0 ; ;

J_e_ ij_^_evgh]h ^Z\e_gby ijbhgh]h \ha^moZ & 6165 \$(0 ; ;

J_e_ ij_^_evgh]h ^Z\e_gby ijbhgh]h \ha^moZ ± Dhfi_e_d& 6165 \$(0 ; ;

^ey fhgblhjb]Z & 6165 \$(0 ; ;

>Zlqbd ^Z\e_gby ijbhgh]h \ha^moZ & 6165 \$(0 ; ;

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<ha^mrgu_ nbevlju

<ukhdhwnn_dlb\gu_ \ha^mrgu_ nbevlju +HDOWK\ & O(59 W&H)/75 ' : 2; 2;

[[ff dhfi_e_dl ba rl ^ey h^gh]h Z]j_]ZIZ (59 &)/75 ' : 2; 2;

Nbevlj kh kt_fguf nbevljmxsbf fZl_jbZehf k f_lZeebq_ &)/75 ' 1 ; ;

kdhc k_ldhc \dexqZy nbevljmxsbc fZl_jbZe g_yq_cdh\uc [[ff dhfi_e_dl ba rl ^ey h^gh]h Z]j_]ZIZ

>Zlqbdb dZq_kl\Z \gmlj_gg_]h \ha^moZ dhgp_gljZpbb &2

>Zlqbd ± >ey gZkl_ggh]h fhglZ`Z [_eZy ieZklbdh\Zy dj&r 6165 \$(/ 1 ; ;

dZ k @D ^bkie__f & 6165 \$(/ 1 ; ;

>Zlqbd ± >ey gZkl_ggh]h fhglZ`Z [_eZy ieZklbdh\Zy dj&r 6165 \$(/ 1 ; ;

dZ [_a @D ^bkie_y & 6165 \$(/ 1 ; ;

>Zlqbd ± Q_jguc ieZklbdh\uc dhjimk k @D ^bkie__f ^ey& 6165 \$(/ 1 ; ;

mklZgh\db \ie_gmf

IJBf?Q:GB? DZIZeh`guc ghf_j b ghf_j fh^_eb ijb_^_gu ^ey aZdZaZ ijbGZ^e`ghkl_c mklZgZ\eb\Z_fuo gZ f_

2; ± MklZgZ\eb\Z_lky gZ aZ\h^_ba]h\bl_e_ dhgnb]mjZpby \u[bjZ_lky ijb aZdZa_ beb gZ f_kl_ wdkiemZIZp

2 MklZgZ\eb\Z_lky gZ aZ\h^_ba]h\bl_e_ dhgnb]mjZpby \u[bjZ_lky ijb aZdZa_

Fhgh]ehgguc p_gljZevguc dhg^bpbhg_j k]Zah\uf \ha^mohgZ]p_\Z]hba\h^QIHUjHCKF H hl ^h d<l =p Kl

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>Zlqbd ± >ey gZkl_gghjh fhglZ`Z q_jguc ieZklbdh\uc dh& 0,6& \$(imk [_a @D ^bkie_y ^ey mklZgh\db \ie_gmf	1	; ;	
Dhfi_e_dl ^ey fhglZ`Z ^ZlqbdZ dhgp_lj^Zpbb & 2 \h^_ ± >ey Z]j_]Zlh\ k ih^kh^bg_gb_f \ha^moh\h^h\ kgbam	& 0,6& \$(/	; ;	
<ha^mrgZy dZf_jZ ± >ey fhglZ`Z \ \ha^moh\h^_ ^Zlqbdh\ & 0,6& \$(dhgp_gljZpbb & 2 ij^gZagZq_gguo ^ey ie_gmfZ 1 beb 1	1	; ;	
Dhfi_e_dl mevljZnbhe_lh\uo [Zdl_jbpb^guo eZfi			
Dhfi_e_dl MN eZfi +HDOWK\ &OLPDWHŠ < nZaZ	MklZgZ\eb\Z_lky gZ aZ\h^_	2	
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K_lv iblZgby =p k gme_\uf ijh\h^gbdhf \ fh^_eyo k fZjdbjh\dhc ^3&(' gme_hc ijh\h^gbd hlkmlkl\m_l	< nZMklZgZ\eb\Z_lky gZ aZ\h^_	2	
iblZgb_ eZfiu hkms_kl\ey_lky hl h^ghnZaghc k_lb gZijy`_gb_f hl k_lb < lh \ p_iv iblZgby mklZgZ\eb\Z_lky ihgb`Zxsbc ljZgknhjZlhj	< ?keb iblZgb_ djurguo dhg^		
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KlZg^Zjlguc wdghgfZca_j			
KlZg^Zjlguc wdghgfZca_j :]j_]Zlu k ih^kh^bg_gb_f \ha^moh\h^h\ kgbam beb k[hdm ± < dhfi_e_dl ihklZ\db \oh^bl dhauj_d ^ey aZsblu hl Zl fhkn_jguo \ha^_ckl\bc lj^_hojZgbl_evgu_ deZiZgu ^ey mklZgh\db \ _j]bdZevguo beb]hjbahglZevguo \ha^moh\h^Zo aZdZau\Zxlky hl^_evgh	((&21 ' : 8	2; R[
<ukhdhwnn_dlb\guc wdghgfZca_j			
<ukhdhwnn_dlb\guc wdghgfZca_j :]j_]Zlu k ih^kh^bg_gb_f \ha^moh\h^h\ kgbam beb k[hdm ± < dhfi_e_dl ihklZ\db \oh^bl dhauj_d ^ey aZsblu hl Zl fhkn_jguo \ha^_ckl\bc lj^_hojZgbl_evgu_ deZiZgu ^ey mklZgh\db \ _j]bdZevguo beb]hjbahglZevguo \ha^moh\h^Zo aZdZau\Zxlky hl^_evgh	((&21 ' 8 : 8	2; R[
Mkljhckl\Z mijZ\e_gby wdghgfZca_jhf			
Mkljhckl\h mijZ\e_gby ih jZaghkIb wglZevibc dhfi_e_dIZ & 6165)) : MijZ\e_gb_ ih l_fi_jZlmj_ >Zlqbd \oh^bl \ dhfi_e_dIMklZgZ\eb\Z_lky gZ aZ\h^_		2; R[
Mkljhckl\h mijZ\e_gby ih wglZevibb & 6165)) : H[s_ _ mijZ\e_gb_ mijZ\e_gb_ ih wglZevibb >Zlqbd ihklZ\ey_lky aZMklZgZ\eb\Z_lky gZ aZ\h^_		2; 2;	
MijZ\e_gb_ ih jZaghkIb l_fi_jZlmj_ >Zlqbd \oh^bl \ dhfi_e_dIMklZgZ\eb\Z_lky gZ aZ\h^_		2	
lj^_hojZgbl_evgu_ deZiZgu			
lj^_hojZgbl_evgu_ deZiZgu ^ey _j]bdZevguo \ha^moh\h ('\$03 ' : ^h\ dhaujvdb \oh^yl \ dhfi_e_dl ihklZ\db		2; 2;	
lj^_hojZgbl_evgu_ deZiZgu ^ey]hjbahglZevguo \ha^moh\h\$*('+ ^h\ dhaujvdb \oh^yl \ dhfi_e_dl ihklZ\db	.	2; 2;	
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DeZiZgu gZjm`ghjh \ha^moZ k dhaujvdZfb gZ^ \ha^moh\uimkdgufb hl_jklbyfb			
K we_dljhijb\h^hf ('\$03 ' : K jmqguf ijb\h^hf ('\$02 ' : ð ôûü÷ öóû öù üþ	9 (3:5(' 0 : :	2; 2;	
úüü îôû ó þíú			
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<ukhlZ ff & &85% ') : <ukhlZ ff & &85% ') : <ukhlZ ff & &85% ') : KlZg^ZjlgZy fhglZ`gZy jZfZ k ih^kh^bg_gb_f \ha^moh\h^h\ k[hdm ± G_h[oh^bfh mklZgh\blv khhl gbl_evguoc dhfi_e_dl iZg_e_c		; ; ; ; ; ;	
<ukhlZ ff ± ^ey fhglZ`Z gZ iebl_ i_j_djulby /\$50)+ . : <ukhlZ ff ± ^ey fhglZ`Z gZ djur_ /\$50)+ . : IJB?Q:GB? DZIZeh`guc ghf_j b ghf_j fh^_eb ijb\^_gu ^ey aZdZaZ ijbZgZe`ghkl_c mklZgZ\eb\Z_fuo gZ f_		; ; ; ;	

IJB?Q:GB? DZIZeh`guc ghf_j b ghf_j fh^_eb ijb\^_gu ^ey aZdZaZ ijbZgZe`ghkl_c mklZgZ\eb\Z_fuo gZ f_ 2; ± MklZgZ\eb\Z_lky gZ aZ\h^_ ba]h\h\bl_e_ dhgnb]mjZpby \u[bjZ_lky ijb aZdZa_ beb gZ f_kl_ wdkiemZIZp 2 MklZgZ\eb\Z_lky gZ aZ\h^_ ba]h\h\bl_e_ dhgnb]mjZpby \u[bjZ_lky ijb aZdZa_ Fhgh[ehqguc p_gljZevguc dhg^bpbhg_j k]Zah\uf \ha^mohgZ]p_ Z]hba\h^QIHUJHCKW hl ^h d<l =p Klj

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Dhfi_e_dl iZg_e_c ^ey ih^kh_^bg_gby \ha^moh\h^h\ k[hdm_g_h[oh^bf	.	;	;
Dhfi_e_dl baheypbb klZg^Z]lghc fhglZ`ghc jZfu ^ey Z]j_]Z]h\ k ih^kh_^bg_gb_f \ha^moh\h^h\ k[hdm_g_h[oh^bf	.	;	;
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>ey /\$50)+	.	;	;

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<uklmiZxsbc ± Dhfi_e_dl rl	/\$57'	.	;	;
Fhglbjm_fuc aZih^ebph k ih^_kguf ihlhedhf ± Dhfi_e_dl rl	/)\$)'	.	;	;
I_j_oh^gbd ^ey ijb]hqqh]h b j_pbjdmeyppbhggh]h \ha^moh\h\$657 ^h\ ± Dhfi_e_dl rl	.	;	;	

IJBF?Q:GB? DZIZeh`guc ghf_j b ghf_j fh^_eb ijb_^_gu ^ey aZdZaZ ijbGZ^e`ghkl_c mkIZgZ\eb\Z_fuo gZ f_2; ± MkIZgZ\eb\Z_lky gZ aZ\h^_ba]hlh\bl_e_ dhgnb]mjZpby \u[bjZ_lky ijb aZdZa_ beb gZ f_kl_ wdkiemZIZp 2' MkIZgZ\eb\Z_lky gZ aZ\h^_ba]hlh\bl_e_ dhgnb]mjZpby \u[bjZ_lky ijb aZdZa_

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OZjZdl_jbk lbdZ	Fh^_ev	/*+ /*+	
L_iehijhba\h^bl_ev	ghklmZg^ZjlgZy 6	Kj_^gyy F	<ukhdZy +
Dhe \h klmj_g_c ijhba\h^bl_ev	ghklb		
JZ[hqb_ oZ\hlj_ey_fZy l_j\Zy klmi_gv jZdl_jbklbdhsgghklv d<l]Zah\h]h gZ;L? q	<lhjZy klmi_gv		
lj_\Zl_ey L_iehijhba l_j\Zy klmi_gv \h^bl_evghktv d<l ;L? q	<lhjZy klmi_gv		
>bZiZahg ih\ur_gby l_fi_jZlmju f& f) L_ieh\hc DI>			
ljbkh_^bgbl_evgu_ iZljm[db ebgb	KhgZjZjZjZjZc,ljm[ghg	hjfZevghc,ljm[ghg	hjfZevghc,ljm[ghc
J_dhf_g^m_fh_ ^Z\e_gb_ ?ZaZkl\ _ggh_ gZ \oh^_ dIZ ^xcf \h^ kl K`b`_gguc g_nlyghc]Za ijhiZg			

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:]j_\Zl fh`_l wdkiemZljbh\Zlvky gZ \ukhl_ ^h f nmlh\ gZ^ mjh\g_f fhjy [_a dZdbo eb[h fh^ mjh\g_f fhjy [he__ f nmlh\ ijhba\h^bl_evghklv Z]j_\ZlZ kgb`Z_lky \ khhl_lkl\bb k iZ^_gb]Zah\hc]hj_edb kf lZ[ebpm gb`_			
GZqbgZy k \ukhlu f nmlh\ gZ^ mjh\g_f fhjy ijhba\h^bl_evghklv Z]j_\ZlZ mf_gvrZ_lky gZ nmlh\ \ukhlu lJBF?Q:GB? Wlh fZdkbfZevgh_ ^himklbfh_ kgb`_gb_ ijhba\h^bl_evghklb ^ey ^Zgg			
ljhba\h- <ukhlZ gZ^ >Z\e_gb_]ZaZ \ dhee_dlhj_ dlZ lhj_ey_fZy fhsgghklv ^bl_evghklv mjh\g_f fhjy f ^xcf \h^ kl ijbh^guc]Za beb k`b`_gguc g_nlyghc]Zah\h]h gZ]j_- nmlu]Za ijhiZg ;L? q \Zl_ey ljbh^guc]Za K`b`_gguc g_nly- l_j\Zy klmi_gv <lhjZy klmi_gv ghc]Za ijhiZg			
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d<l ± /*+ + Zy klmi_gv

L_fi_jZlmjz \ha^moZ gZ \oh^_ gZjm`gh]h l_ieh[hf_ggbdZ		L_fi_jZlmjz gZjm`gh]h \ha^moZ gZ \oh^_ gZjm`gh]h l_ieh[hf_ggbdZ													
		f&			f&			f&			f&				
		Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv	Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv	Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv	Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv		
8V	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&
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		f&			f&			f&			f&				
		Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv	Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv	Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv	Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv		
8V	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&
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		Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv	Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv	Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv	Kmf fZj- gZy oheh^h ijhba\h^abl_evghklv	lhj- [ey_fZy fhs-ghklv dhf ij-k-khjZ	Hlghr_gb_y\ ijhba\h^abl_evghklb d kmffZjghgZy oheh^h ijhba\h^abl_evghklv L_fi ih kmohfm^ab l_evghklv		
e k	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&	d<l	d<l	f& f& f&
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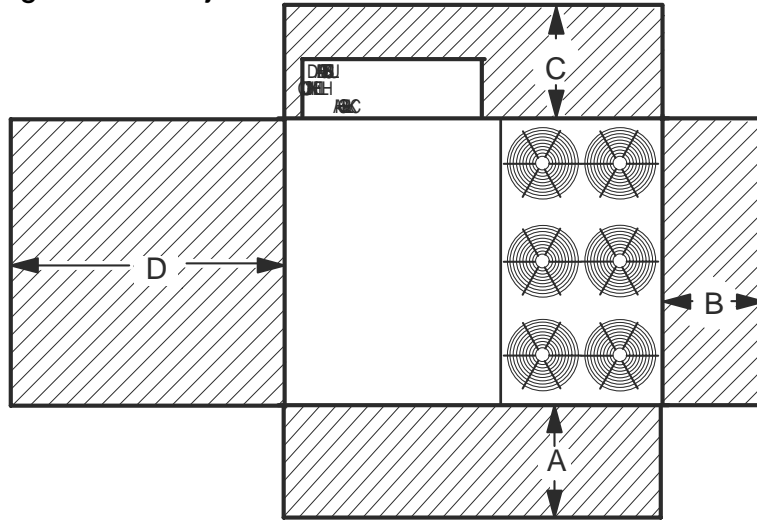
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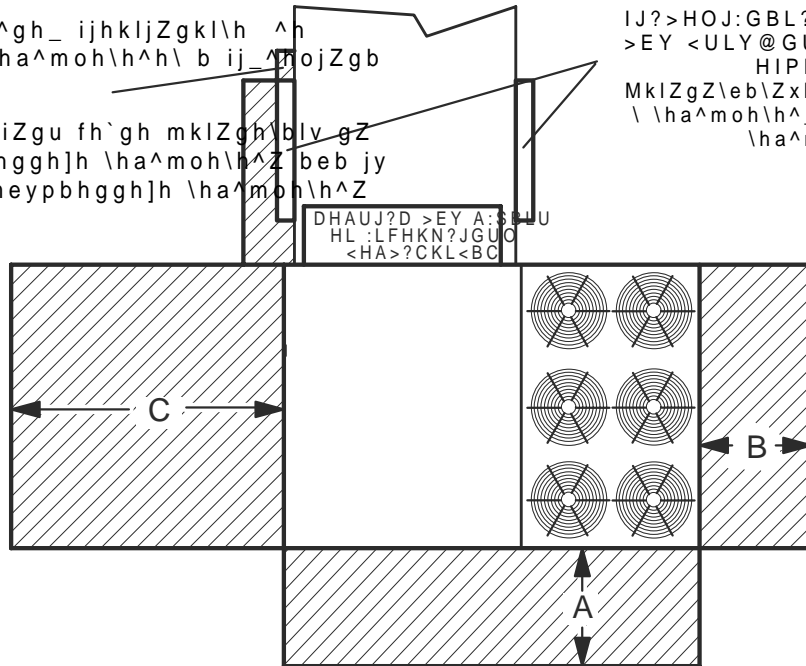
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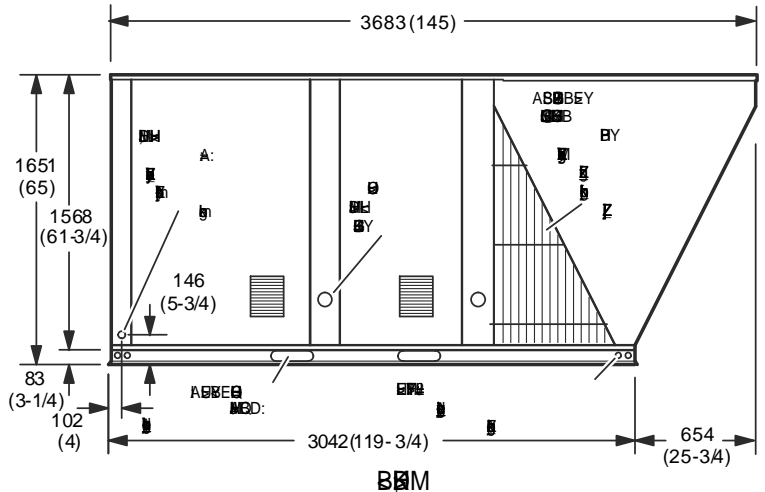
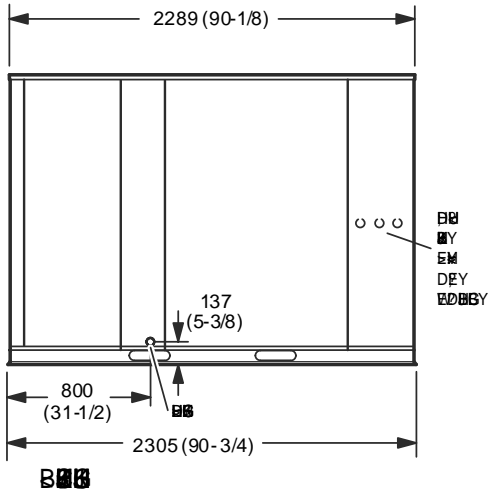
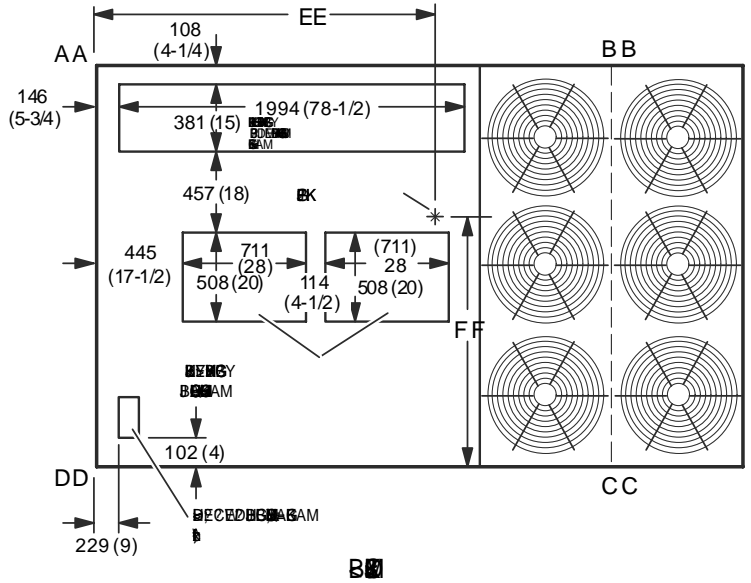
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DeZiZgu gZjm`gh]h \ha^moZ		
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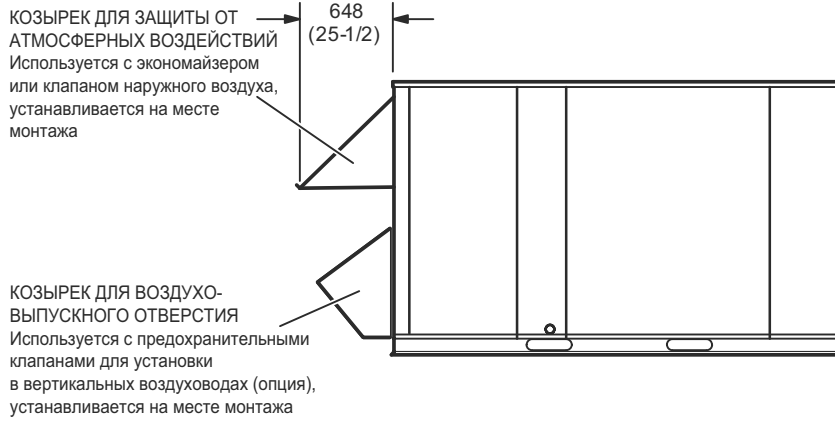
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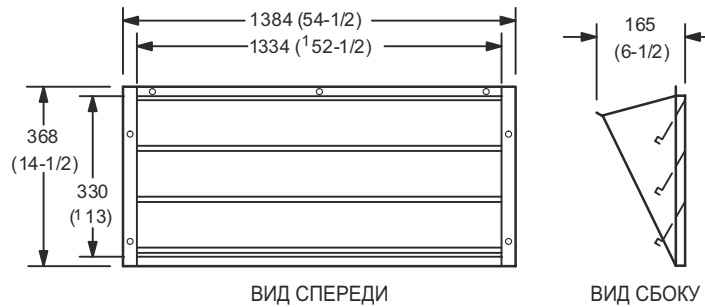


КОЗЫРЕК ДЛЯ ЗАЩИТЫ ОТ АТМОСФЕРНЫХ ВОЗДЕЙСТВИЙ



ПРЕДОХРАНИТЕЛЬНЫЕ КЛАПАНЫ ДЛЯ ГОРИЗОНТАЛЬНЫХ ВОЗДУХОВОДОВ С ЗАЩИТНЫМ КОЗЫРЬКОМ (ОПЦИЯ)

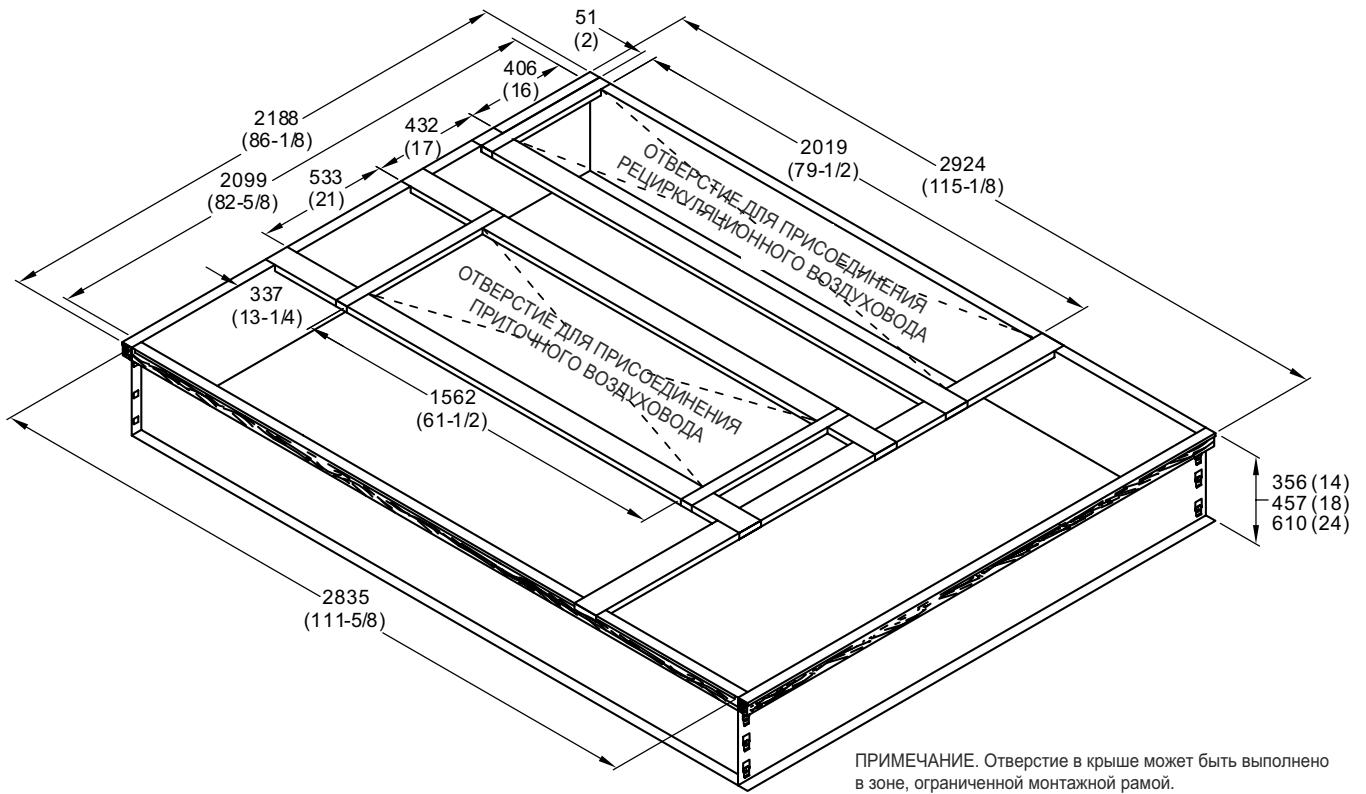
Устанавливается на месте эксплуатации в горизонтальном воздуховоде рециркуляционного воздуха вблизи агрегата.



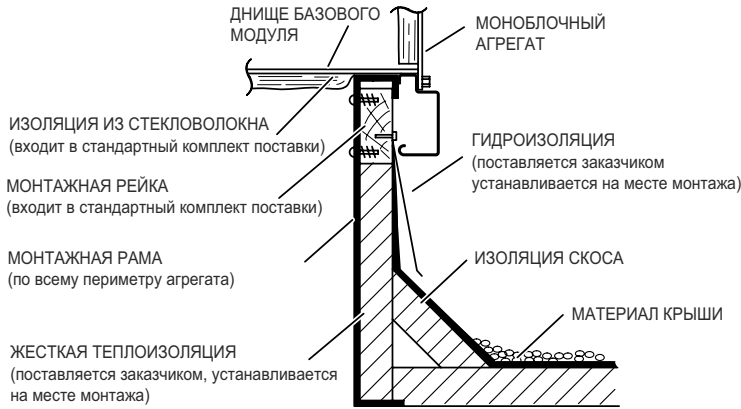
ПРИМЕЧАНИЕ. По каждому заказу поставляются два устройства.

¹ ПРИМЕЧАНИЕ. Размер сечения воздуховода рециркуляционного воздуха.

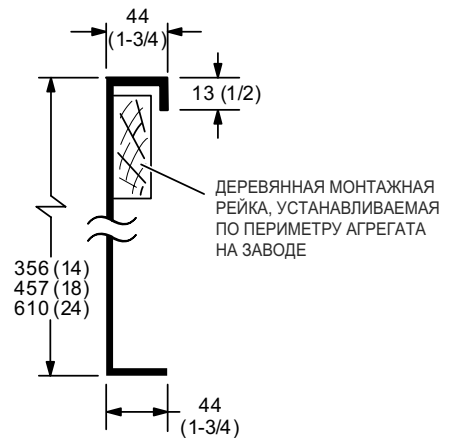
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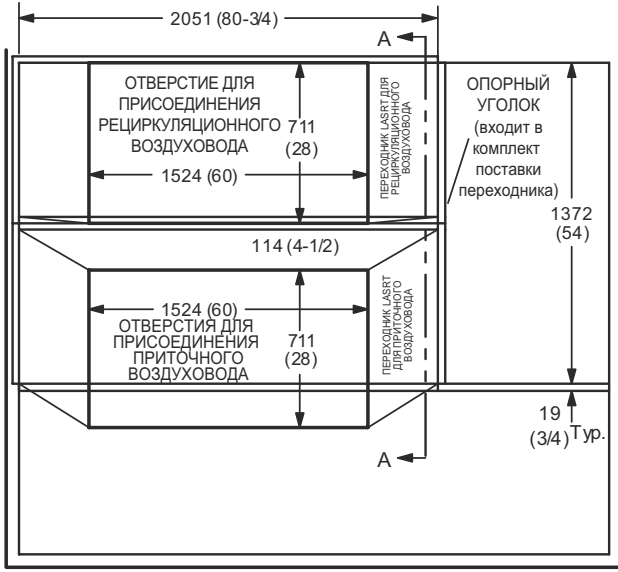
ИЗОЛЯЦИЯ МОНТАЖНОЙ РАМЫ



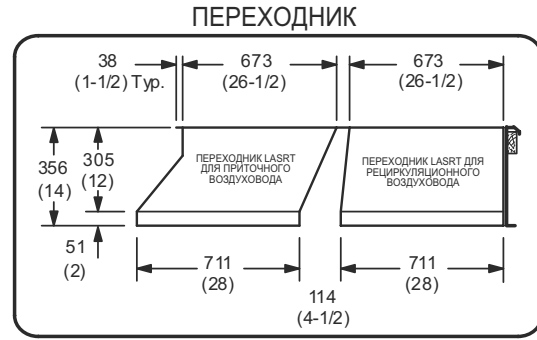
ФРАГМЕНТ МОНТАЖНОЙ РАМЫ



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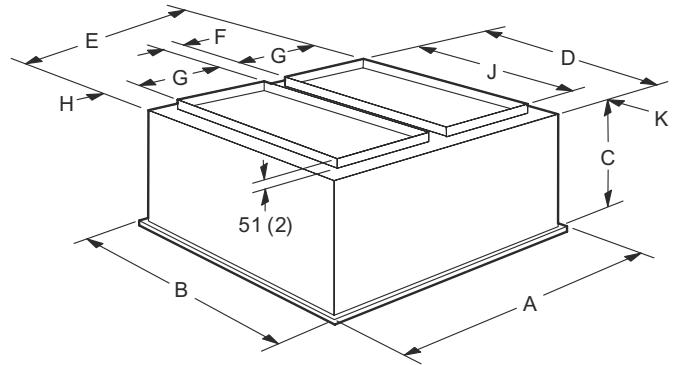
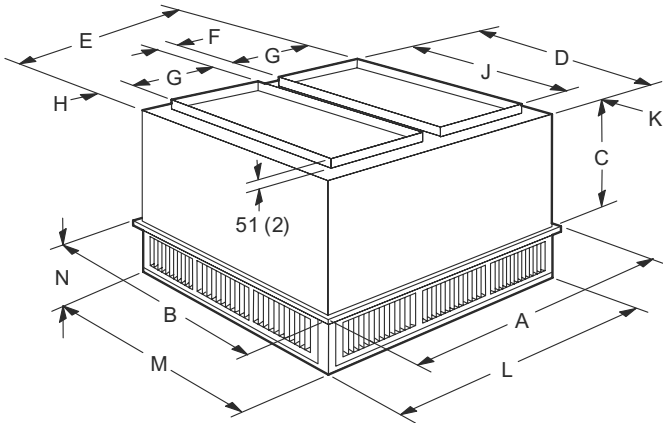


ВИД СВЕРХУ



СЕЧЕНИЕ В-В

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info@fullcom.ru

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