

THE PAPER

ADVANCED REFRIGERATION CONTROL
New Capabilities & Best Practices



K \]Y h.YmFdfYgYbhU'g][b]ŮWbhVWd]H']bj Ygha YbžŮi hca Uh]cb Věa dcbYbhgžgcZk UfY UbX'gngHya g UfY V]h]W' h' h.Y' gi W'gg'cZUbnžcX'dfcW'gg]b['cf'Vě'X'ghcfU[Y'ZUW]h]i'6i hbc h'VW'bc'c[nŮ bc'a UHf'f'\ck]'bocj Uh]j Y' Wb' 'UghiZcfYj Yf'

ě h.]gk \]h' dUdYfžk Y'fYj]Yk h.Y'g][bg'h.Uh]h]h]a Y h' fYd'UW' nci f'fYZ][YfUh]cb Věbfc'g'gngHya žh.Y VYbYŮhg'cZbYk Yf' gngHya gžk \UhfY'a ch'Y'a cb]rcf]b['Wb'Xc'Zcf'nai žUbX'\ck h'c [Yh'h.Y'a cghci h'cZnai f'<A -g"

I I IME O PGRADE OR REPLACE O R REFRIGERA ION CON ROL ?

K \]Y bYk 'fYZ][YfUh]cb Věbfc'`gngHya g UfY'g][b]ŮWbhVWd]H']bj Ygha Ybhgžh.Y]f'j U'i Y'ZUf'YI WYXg'h.Y]f'Věgh'`ě' 'Uf[Y'ZcX'dfcW'gg]b['cf'Vě'X'ghcfU[Y'ZUW]h]Ygž'fYZ][YfUh]cb 'mai]W'`mUW'ěi bhg'Zcf'a cfY'h.Ub '\U'ZcZ'h.Y'ZUW]h]i' h'cU' Y'VW'f]WYbYf[nŮi gY'"5bX'k]h' i bd'UbbYX'Xck bh]a Y Věgh]b['a UbnZUW]h]Yg'h'bg'cZ'h.ci gUbXg'cZ'Xc'`Ufg'dYf'XUnž'Ub' U[]b['fYZ][YfUh]cb Věbfc'`gngHya 'Wb'di hnci f'Vi g]bYgg'Uhg][b]ŮWbh'f]g."

IF O AN ER E O AN OF HE FOLLO ING Q E ION , I MA BE IME O P- GRADE OR REPLACE O R E I ING EM

- -g'nai f'W'ffYbhVěbfc'`gngHya 'a cfY'h.Ub '%\$!%) nŮUfg'c'X3
- <Uj Y'nai 'YI dYf]YbW'X'i bd'UbbYX'ZUW]h]i'Xck bh]a Y'Xi Y h'c'fYZ][YfUh]cb 'ZU]i fYg3
- 5fY'h.Y]bX]]Xi U' Věa dcbYbhg'cZ'nai f'fYZ][YfUh]cb Věbfc'g'gngHya 'cdYfUh]b['Ug']g'UbXgž'a YUb]b['h.Ym'k cf']'bXYdYbXYbh'mUbX'Xcb'Ůi' h'U']' h'c' YUW' c'h.Yf3
- 5fY'nai 'gh]'`cdYfUh]b['cb'U'gYf]U' bYhk cf' h.Uh]g']bYUfž'a U_]b['hX]ZUW' h'rc'YI dUbX'nai f'W'dUV]]h]Yg3
- 8c'nai '\Uj Y'i bg'UVY'gi V]cb'UbX '\YUX'dfYggi fYg3'5fY'nai 'i bUV'Y h'c' h]a 'ZUbg'UbX'di a dgj]UJ: 8 Věbfc'3
- 8c'nai '\Uj Y'a i 'h]d'Y'dUf]h]U' m'icUXYX Věa dfYggc'fg3
- 8c'nai f'a ch'c'f'g'h]d'Xi Y h'c'a ch'c'f'c] Yf'cUX3
- 8c'nai '\Uj Y'X]ZUW' h'm'UbX]b['fYd'UW'a YbhVěbfc'`gngHya 'dUf'hg3'5fY'nai f'i h]]h'V]`g'ci h'cZVěbfc'`Xi Y h'c' YI W'gg] Y'YbYf[mŮi gY3

BENEFI OF PGRADING O R REFRIGERA ION CON ROL

A cXYfb'fYZ][YfUh]cb Věbfc'g'gngHya g'Uj Y'f'i 'm'Věa Y'cZU[Y'"Z'nai f'Věbfc'g'gngHya]g'a cfY'h.Ub'U'ZYk nŮUfg'c'Xž'nai ' a][\h'VY'gi fdf]gYX'Uh'h.Y VYbYŮhg'h.UhbYk Yf'gngHya g'dfcj]XY.

- 9h.YfbYhUW]h'Vh'fY']' i b']Y'c'XYf'gYf]U' bYhk cf'g'k]h' g'ck Yfž']bYUf'g'h'i Vh' fYžbYk Věbfc'`gngHya g'cdYfUH' j]U'nai f'YI]gh]b['9h.YfbYh' h.YgY' bYhk cf'g' UfY' bcb!dfcdf]YUfmgc']b[\ci gY' #H'Y'Ua g'Wb'YUg] mŮfci V'Yg\cchi



- 5'g]b['Y']bHY[fUHx' d'UhZcfa']' 'C'X' gngHYa g'UFY' cZYb' X]g'e]bHYXz k]h']bdi h#ci hdi hgZ D@7' \UFXk UfYZ J: 8gZ Vta a i b]WU]cbg' dfchVt'g' UbX' Ui hca Uh]cb' Vtbfc'`Yfg' U'` cdYfU]b[']bXYdYbXYbhmc'f' fYei]f]b['Wg]hca]nYX']bHYfZUWg"BYk Yf'gngHYa g'UFY']bHY[fUHx'Zdfcj]X]b['naci k]h' U'g]b['Yzi b]UYX'd'UhZcfa' k]h' gh]UbXUFXg!Vta d']Ubhi a Yh'cXg'Zcf VtbU[i f]b['ZcdYfU]b['UbX'a U]bH]b]b['U'fUb['Y'cZ]bg]fi a Yb]g'UbX'Yei]da YbH'
- WYUgYX' XUHU' Uj U]U]U]]m']' K]h' U' g]b['Yz']bHY[fUHx' d'UhZcfa' z' naci N' \Uj Y']bWYUgYX' UWWgg' hc' YbYf[nZ dfcXi V]cbz'UbX' i h']m'Vtgh]bZcfa Uh]cbz'`YUX]b['hc' VYHYf'XYW]g]cb]a U_]b['Uh'h'Y'a UbU[Ya Ybh'Yj Y'"Ndi' WUb' [YbYfUHY' fYbX' UbU'ngYgZ'U'Ufa' `c[gZ'YbYf[ma' UbU[Ya YbhXUH]z'UbX' fi bh]a Y' fYdcf]g]]b' fYU'!h]a Y'hc' a U_Y'h'Y' bYWggUfmi'W'Ub[Yg'UbX'a cX]UWU]cbg'hc' Ybgi fY'naci f'fYZ][YfU]cb' gngHYa]g'fi bb]b['Uhc]d]h]a U'YZU]WYbVh'
- Bcb!dfcdf]YHfndYb'd'UhZcfa' g']' BYk Yf'gngHYa g'UFY' Vi]'hcb' bcb!dfcdf]YHfndYb'd'UhZcfa' gZ'Y']a]bU]b['h'Y' bYXX'hc'gi ddcfhia i 'h]d'Y' dfchVt'g' UbX' d'fcj]X]b['naci' a c'fY' cdh]cbg'k \Yb'di f'W'Ug]b['Yei]da YbH'
- 9UgY' cZa U]bHYbUbW' UbX' Uj U]U]U]]m' cZ' fYd' UWA' Ybhi dUfng]']' 8i Y' hc' h'Y'f' bcb!dfcdf]YHfnd'UhZcfa' gZ' bYk Yf' Vtbfc'`gngHYa g'UFY'a i W' YUg]Yf'hc' a U]bH]b]z'h'ci V'Yg\cchUbX' i d[fUXYZk]h'ci hYI dYbg]j Y'h']fX!dUfmg]i ddcfh'
- EC=]' FYd'U]b['naci f' ci hXUHx' Vtbfc'`gngHYa' WUb' \Uj Y' U' g][b]UWbh]a dUW'cb' naci f' Vchca' `]bY'" BYk Yf' gngHYa g'a UbU['Y'h'Y' Vtbfc'` UbX' g'Yei YbV]b['cZU'`Yei]da Ybh'hc' a U]]a]nY' YbYf[m'YZU]WYbVh' BYk Yf' gngHYa g' k]' fYg]cbX'hc' h'Y'XYa UbXg'cZ'h'Y' gngHYa z'g'Yei YbW' h'Y' Ybh]fY' d'fcW'gg' UbX' Ybgi fY' h'Uh'h'Y' gngHYa]g'fi bb]b[' Uhc]d]h]a U'YZU]WYbVh'

W' h'Y' bYI h]cgh]b'ci f'gYf]Yg'cb' fYZ][YfU]cb' Vtbfc'`g'gngHYa gZ'k YN' YI d'c'fY' h'Y' VYbY'U'g'cZ'fYa ch'Y' a cb]h'cf]b["

HA CAN REFRIE E MONI ORIFOR O ? KH HA MOI

GE . ING . HE MO . O . OF . O R HMI

Ndi f' h'Ua 'fY'Jg'cb' <A =gWYbg'rc'a cb]rcf'fYU!h]a Y'dYfZcfa UbW'cZnci f'fYZ][YfU]cb'Vzbf'c''gnhYa g''6i h]Znci f'
