

# Chapter 3 Heating and Air-Conditioning Principles

Find the words in the grid. Words can go across, down and in the two forward diagonals.

L F Z L M M C L X Q N C M Z N T Y Z X E W Z J  
N R T R Q T W A Q X X G N L D J L R R F E D E  
L C J R G N X C B C K R M M M Z N U R R M Y V  
M M N L F Z Q X R I W K D X Y P T T O D K R A  
M M P R G D M H M G N A J K T A K C F Y N K P  
K R X M Z B W H T M O F X D R Z R Q T L N F O  
N K Z M K K G Q J L B Y I E F E T I W T J Y R  
C V D T R X T K G G F D P L T Q D N R Y V T A  
D F K G D H Y N N X N M F A T I R D H M G L T  
R H D L K L I B D N E P E T M E Z N W E P Y I  
V L D L J L Y G Z T J H Y U M B R J W R A V V  
N A T N O N K M R T J C H M Q X M Q R T W T E  
N T T O M X J V H P W E B Q N T M H T B M N C  
R E C B R I T I S H T H E R M A L U N I T C O  
P N D X M T B K J U V L Y K C J T F Z L H A O  
R T R D M L R Y L G J A K G P R W T Y B T L L  
T H T W H Z H O P Z M X C R P D R M L M L O I  
R E H H H K S C H E A T I N G L O A D P H R N  
X A Y K K B J N N T T P T L Y Z F D W M B I G  
P T X K A M H P N H X W L K Z G M M H R M E T  
M E C H A N I C A L R E F R I G E R A T I O N  
R X R E L A T I V E H U M I D I T Y M R D W G  
T V W L P N C O M F O R T Z O N E D L W N Z T

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absolute humidity

heater core

british thermal unit

heating load

cabin filter

HVAC

calorie

latent heat

comfort zone

mechanical refrigeration

cooling load

relative humidity

evaporative cooling

temperature

heat