

Chapter 63

Automatic Air-Conditioning and Heat Pump Systems

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

```

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

```

<http://jameshalderman.com>

- | | | |
|-----------------------------------|-----------------------------------|----------------------------|
| Air management system | Engine coolant temperature sensor | Smart control head |
| Ambient temperature sensor | Evaporator temperature sensor | Smart motor |
| ATC system | HVAC | Sun load sensor |
| Automatic air conditioning system | Infrared sensors | Temperature blend door |
| Automatic climatic control system | In vehicle temperature sensor | Temperature door |
| Blend door | Mode door | temperature sensor |
| Compressor speed sensor | Negative temperature coefficient | Three position actuator |
| Discharge air | Outside air temperature sensor | Variable position actuator |
| Dual position actuator | Pressure transducer | |
| Dual zone systems | Relative humidity sensor | |