

TD-32 SERIES MULTISCAN FUNCTIONS AND TEMPSCAN CONTROL

TD-32-T

Cool room control with defrost.
4 temperature set points
Daily temperature set point usage.
Full defrost control.

High and Low alarms for system safety.
Data logging.
Real time clock with battery backup.
Remote LED panel display (optional extra).
No computer interface.

TempScan Connection if Required

2 wire control of cool room

TD-32-MT

Cool room control with defrost.
4 temperature set points
Daily temperature set point usage.
Full defrost control.

Reciprocating compressor controller.
Reciprocating compressor control up to 4 stages and equalizer solenoid (3 stage if equalizer fitted).
Equalizer solenoid output.
Oil return solenoid.
Compressor step control or step with variable speed of each step.
Compressor PID control.
Compressor control on pressure or temperature.
Alarms for all inputs including digital inputs.

Condenser control up to 3 stages (stage 1 turned on with compressor stage 1).
Condenser step control or step with variable speed of each step.
Condenser PID control.

High and Low alarms for system safety.
Data logging.
Real time clock with battery backup of data logged etc.
Remote LED panel display (optional extra).
Computer interface

TempScan Connection if Required

2 wire :- control of MultiScan cool room section only.
4 wire :- control of MultiScan compressor section only.
2&4 wire :- control of cool room and compressor sections.

TD-32-E

Cool room control with defrost.
4 temperature set points
Daily temperature set point usage.
Full defrost control.

4 cool room evaporators controlled using direct expansion.

Cool room fans 4-20ma variable speed dependent on core probe temperature.

Cool room suction solenoid 4-20ma variable control dependant on air off temperature.

High and Low alarms for system safety.
Data logging.
Real time clock with battery backup.
Remote LED panel display (optional extra).
Computer interface

TempScan Connection if Required

2 wire control of cool room (super heat req. etc. by MultiScan).
2 & 4 wire control of cool room DX, super heat supplied by TempScan and data sent to TempScan.

TD-32-ME

Cool room control with defrost.
4 temperature set points
Daily temperature set point usage.
Full defrost control.

2 cool room evaporators controlled using direct expansion.

Cool room fans 4-20ma variable speed dependent on core probe temperature. Takes precedence over compressor variable control.

Cool room suction solenoid 4-20ma variable control dependant on air off temperature. Takes precedence over condenser variable control.

Compressor control up to 4 stages and equalizer solenoid (3 stage if equalizer fitted).

Compressor step control or step with 4-20ma variable speed of each step. Variable not available if variable cool room fans used.

Compressor oil return solenoid.
Compressor PID control.
Compressor control on pressure or temperature.

Condenser control up to 3 stages (stage 1 turned on with compressor stage 1).
Condenser step control or step with 4-20ma variable speed of each step. Variable not available if variable cool room suction solenoid used.

High and Low alarms for system safety.
Data logging.
Real time clock with battery backup.
Remote LED panel display (optional extra).
Computer interface

TempScan Connection if Required

2 wire control of cool room (super heat req. etc. by MultiScan).
2 & 4 wire control of cool room DX, super heat supplied by TempScan and data sent to TempScan.

TD-32 SERIES MULTISCAN FUNCTIONS AND TEMPSCAN CONTROL

TD-32-R

Reciprocating compressor controller.
Motor on plus up to 4 stages of loading.
Equalizer solenoid output.
Oil return solenoid.
Compressor step control or step with variable speed of each step.
Inter cooler output.
Compressor PID control.
Control on pressure or temperature.

High and Low alarms for system safety.
Data logging.
Real time clock with battery backup.
Remote LED panel display (optional extra).
Computer interface

TempScan Connection if Required

2 wire control of compressor in stepped mode.
4 wire control of compressor with data sent to TempScan.
2 & 4 wire, same as 4 wire but with instant off using 2 wire serial communications.

TD-32-C

3C or Dricon condenser controller.
4 stage fan control.
Variable speed and variable step for fans.
Celpump control.
Night set back.
Wash control.
Auto dump and forced dump control.

High and Low alarms for system safety.
Data logging.
Real time clock with battery backup.
Remote LED panel display (optional extra).
Computer interface

TempScan Connection if Required

2 wire control of condenser.
2 & 4 wire control of variable speed fans control.

TD-32-MR

Reciprocating compressor controller.
Motor on plus up to 4 stages of loading.
Equalizer solenoid output (3 stages only in this mode).
Oil return solenoid (if condenser wash not used).
Variable speed and step variable.
Compressor PID control.
Control on pressure or temperature.

Standard condenser controller, water and fans.
Up to 3 stages (stage 1, water pump turns on with compressor stage 1).

Variable speed and variable step for fans.
OR

3 C and Dricon condenser controller.
4 stage fan control.
Variable speed and variable step for fans.
Celpump control.
Night set back.
Wash control.
Auto dump and forced dump control.

High and Low alarms for system safety.
Data logging.
Real time clock with battery backup.
Remote LED panel display (optional extra).
Computer interface

Computer interface

TempScan Connection if Required

2 wire :- control of compressor.
2 wire :- control of condenser.
either one of the above but not both.
4 wire :- control of compressor, data sent to TempScan.
4 wire :- control of condenser.
either one of the above but not both.
2 & 4 wire :- control of compressor, data sent to TempScan.
the above controls the compressor only, condenser is controlled by MultiScan.
2 & 4 wire :- control of condenser.
the above controls the condenser only, compressor is controlled by MultiScan.

TD-32-S

Screw compressor control.
Load and Unload of slide valve.
Load and Unload of volume ratio.
Unload before start.
Variable 4-20ma output for speed of motor.
Variable 4-20ma output for cooling water.
Economizer output.
Control on pressure or temperature.
4-20ma input or resistance pot for loaded percentage display and control.
4-20ma or resistance pot input for VI control and display.
Start and Stop bypass outputs.
4-20ma current input with forced unload on high current.

High and Low alarms for system safety.
Data logging.
Real time clock with battery backup.
Remote LED panel display (optional extra).
Computer interface

TempScan Connection if Required

4 wire :- control of compressor and information data sent to TempScan SCADA software.
2&4 wire :- control of compressor and information data sent to TempScan SCADA software and instant OFF using the 2 wire serial.