



 **DWYEROMEGA™**

TOTAL INSTRUMENT PACKAGE FOR  
**DATA CENTERS**

[dwyeromega.com](http://dwyeromega.com)



## Global data centers trust DwyerOmega.

As the demand and evolution of data and the impact of artificial intelligence (AI) grows, so does the need for uninterrupted data center performance. Ensuring optimal temperature and humidity control is crucial to maintaining maximum uptime, and accurate indoor air quality measurements are vital to this process.

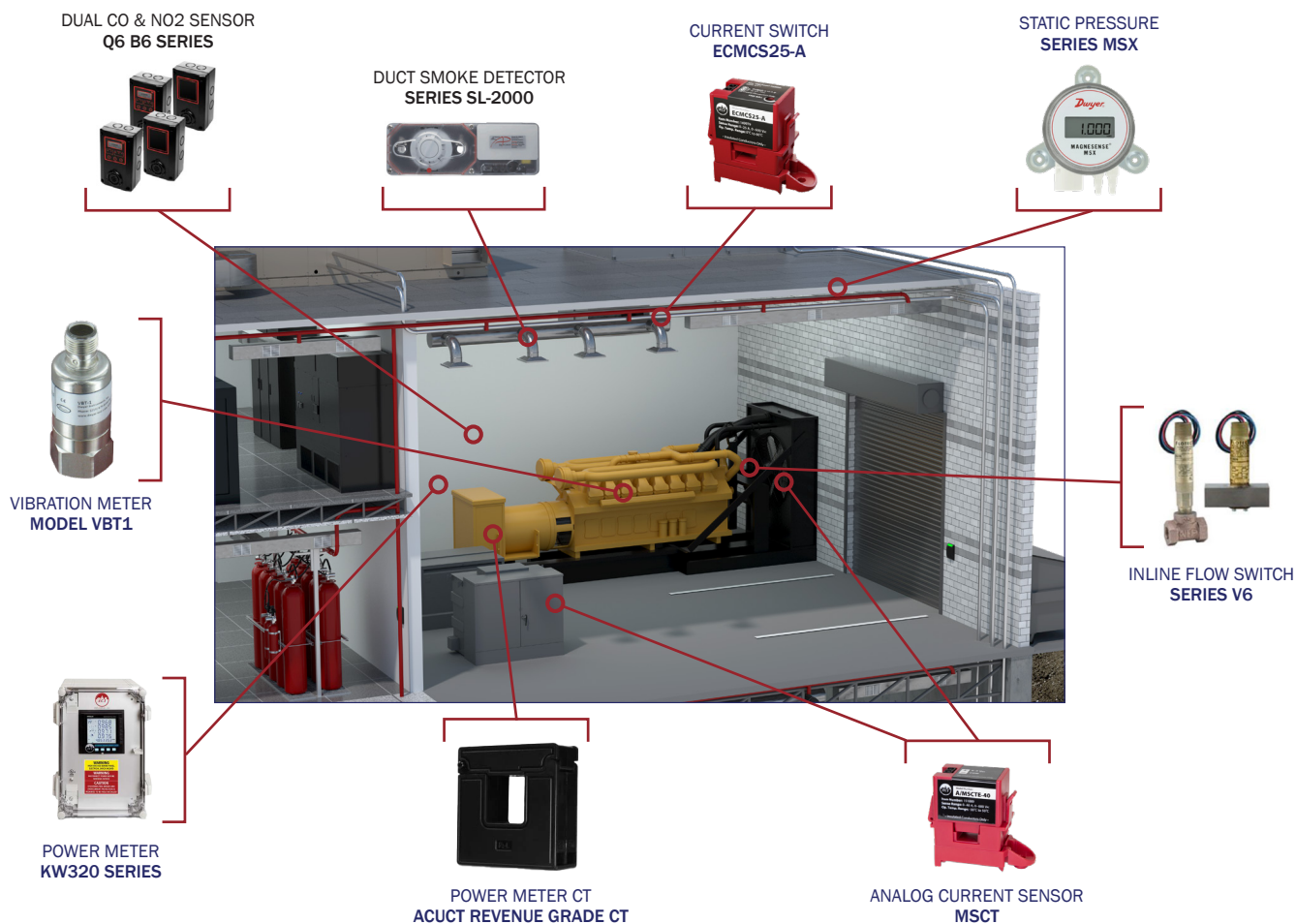
## Reliable sensors are essential.

Data centers cannot afford downtime. The stakes are too high, with potential data loss leading to significant setbacks or even business failure. Poor temperature, humidity, and air quality control can result in severe and expensive equipment damage.

Our temperature, humidity, pressure, and flow solutions are engineered to optimize data center uptime through precise, reliable, and real-time monitoring. That's why savvy data center managers and engineers worldwide depend on DwyerOmega to monitor their data center environments.

# GENERATOR ROOM

DwyerOmega helps data centers maintain optimal air quality and prevent leaks that keep your employees safe and your data centers running.



**DUAL CO & NO2 SENSOR  
ACI Q6 B6 SERIES**  
Detects CO and NO2 for personnel safety



**STATIC PRESSURE  
DWYER SERIES MSX**  
Monitors duct static pressure in commercial buildings



**CURRENT SENSOR  
ACI ECMCS25-A**  
Monitors ECM motors without false status alarms



**VIBRATION METER  
DWYER MODEL VBT-1**  
Monitors for unusual operating conditions and potential failure



**POWER METER  
ACI KW320 SERIES**  
Integrates three-phase energy measuring and accumulating



**POWER METER CT  
ACI ACUCT REVENUE GRADE CT**  
Compact design easily fits on branch circuits within the electrical panel



**ANALOG CURRENT SENSOR  
ACI MSCT SERIES**  
Monitors the current used with high accuracy in applications



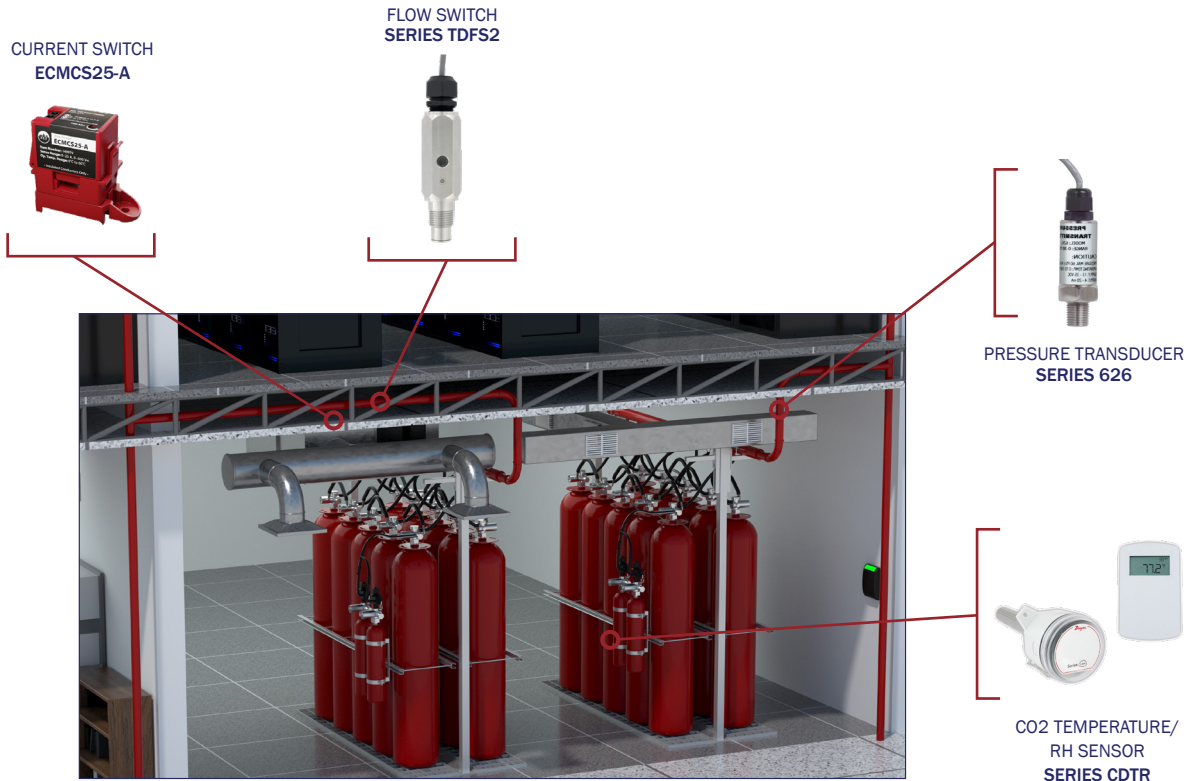
**INLINE FLOW SWITCH  
DWYER SERIES V6**  
Protects pumps, motors and other equipment against low or no flow conditions



**DUCT SMOKE DETECTOR  
DWYER SERIES SL-2000**  
Early detection of smoke and products of combustion present within HVAC ductwork

# FIRE SUPPRESSION

Trust DwyerOmega to help maintain an optimal environment for your fire suppression equipment, safeguarding product reliability and minimizing potential losses to the system.



**FLOW SWITCH  
DWYER SERIES TDFS2**  
Indicates if the flow rate is above or below a user's set rate



**CO2 TEMPERATURE/  
RH SENSOR  
DWYER SERIES CDTR**  
Demand control ventilation in indoor environments



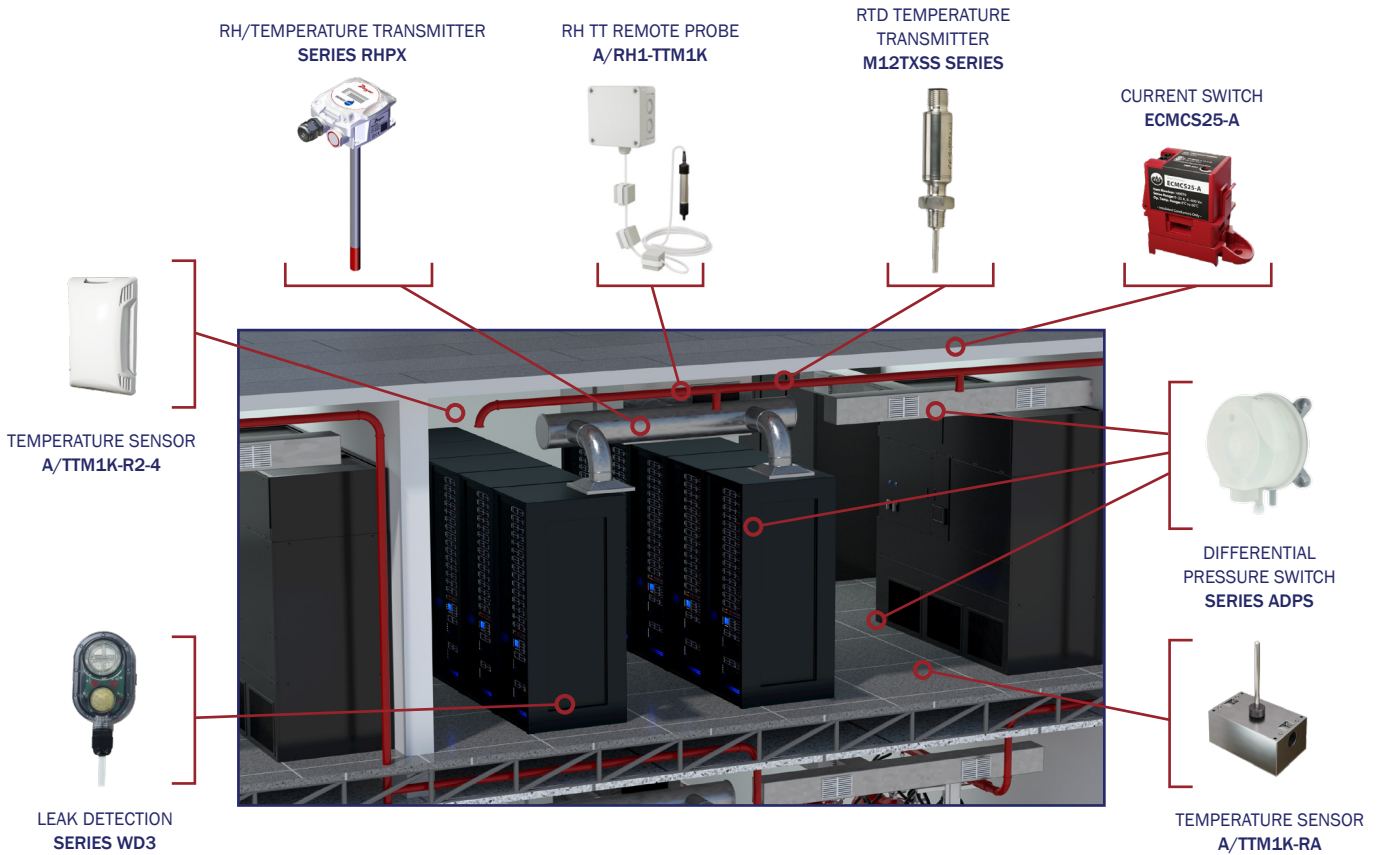

**PRESSURE TRANSDUCER  
DWYER SERIES 626**  
Measures pressure in a multitude of processes from hydraulic oils to chemicals




**CURRENT SENSOR  
ACI ECMCS25-A**  
Monitors ECM motors without false status alarms

# SERVER ROOM


Maintaining a consistent environment in server rooms is critical to preventing equipment failures. DwyerOmega offers reliable solutions to ensure the optimal environment for your server room is maintained 24/7.


**RH/TEMPERATURE TRANSMITTER  
SERIES RHPX**  
Accurately monitors the humidity and temperature for building control functions




**CURRENT SENSOR  
ACI ECMCS25-A**  
Monitors ECM motors without false status alarms



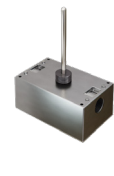
**DIFFERENTIAL PRESSURE SWITCH  
Dwyer SERIES ADPS**  
Low-cost solution for BMS and HVAC applications




**TEMPERATURE SENSOR  
ACI A/TTM1K-R2-4**  
Accurately monitors the temperature for building control functions



**LEAK DETECTION  
Dwyer SERIES WD3**  
Protects equipment from water damage by detecting the presence of water



**TEMPERATURE SENSOR  
ACI A/TTM1K-RA**  
Continuously senses levels that ensures a better average temperature throughout sensor



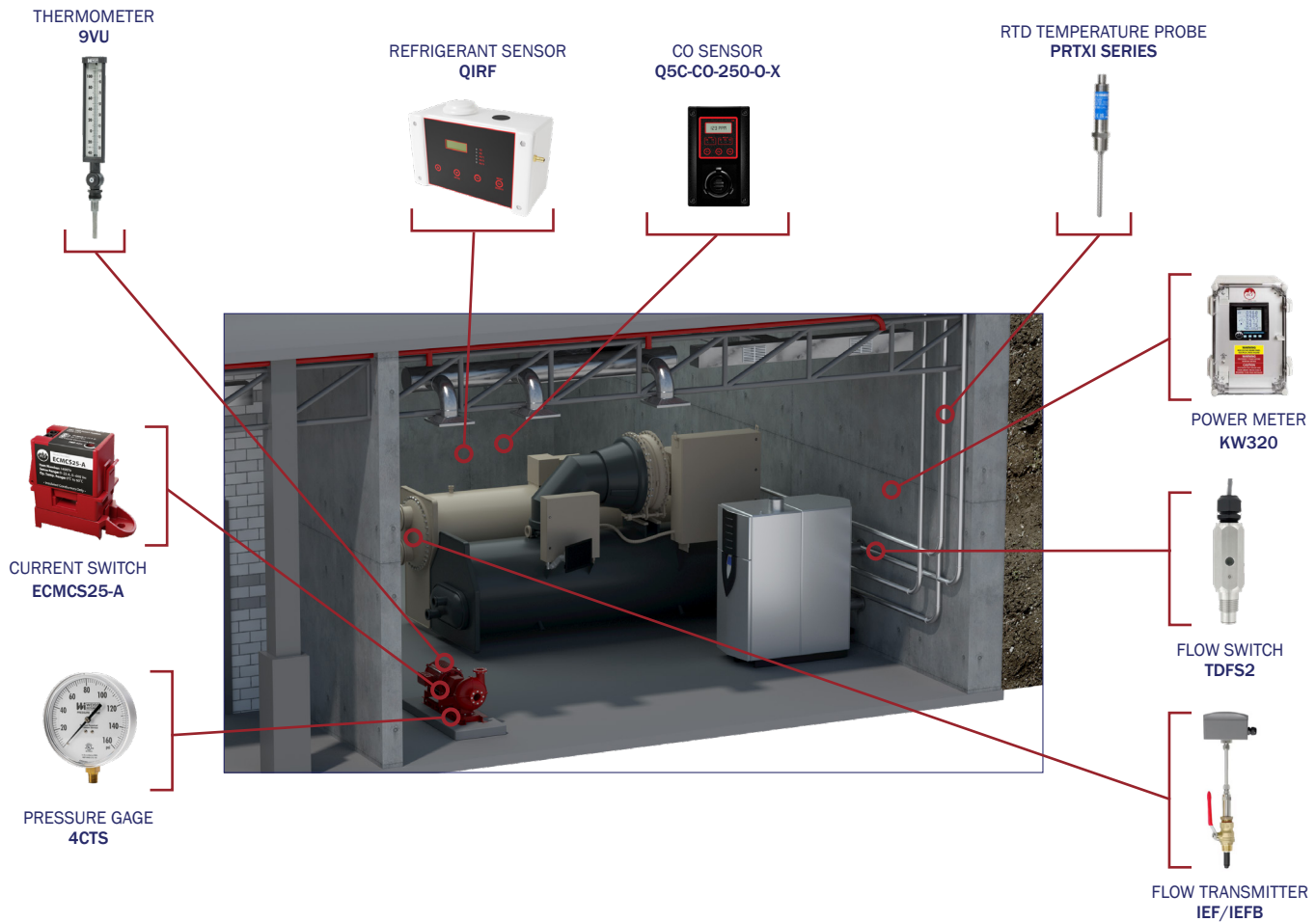
**RTD TEMPERATURE TRANSMITTER  
OMEGA M12TXSS SERIES**  
Monitor temperature of chilled fluid circulating through the liquid cooling system



**RH TT REMOTE PROBE  
ACI A/RH1-TTM1K**  
Remote RH and temperature measurement with flexible mounting

# MECHANICAL ROOM

Prevent downtime and maximize energy efficiency. DwyerOmega sensors can help ensure your chiller is always operating at peak performance.



**CO SENSOR  
ACI Q5-CO-250-O-X**  
Triggers alarms or ventilation systems when carbon dioxide levels get too high



**POWER METER  
ACI KW320 SERIES**  
Integrates three-phase energy measuring and accumulating



**REFRIGERANT SENSOR  
ACI SERIES QIRF**  
Detects specific gas type refrigerant without any cross-sensitive interference



**PRESSURE GAGE  
WEISS 4CTS**  
Monitors upstream and downstream pump pressures



**THERMOMETER  
WEISS 9VU**  
Monitors temperatures within hydronic systems



**FLOW TRANSMITTER  
DWYER IEF/IEFB**  
Accurately and reliably measures fluid velocity



**FLOW SWITCH  
DWYER SERIES TDFS2**  
Indicates if the flow rate is above or below a user's set rate



**CURRENT SENSOR  
ACI ECMCS25-A**  
Monitors ECM motors without false status alarms



**RTD TEMPERATURE PROBE  
OMEGA PRTXI**  
Monitor temperature of chilled fluid circulating through the liquid cooling system

# AIR HANDLING UNIT (AHU)

DwyerOmega products promote improved indoor air quality that results in safe working environments and reduced energy consumption.

RH/TEMPERATURE  
TRANSMITTER  
SERIES RHPX



DIFFERENTIAL PRESSURE  
TRANSMITTER  
SERIES MSX



CURRENT SWITCH  
ECMCS25-A



PRESSURE SWITCH  
SERIES ADPS



LEAK DETECTION  
SERIES WD3



COPPER AVERAGING SENSORS  
A/TTM1K-A-XXX'-4-YY-(5 TO 55C)



CURRENT SENSOR  
**ACI ECMCS25-A**  
Monitors ECM motors  
without false status alarms



DIFFERENTIAL  
PRESSURE  
TRANSMITTER  
**DWYER SERIES MSX**  
Monitors filters in air  
handler units



COPPER AVERAGING  
SENSORS  
**ACI A/TTM1K-A**  
Continuously senses levels  
that ensures a better average  
temperature



PRESSURE SWITCH  
**DWYER ADPS**  
Monitors air flow in  
ventilation ducts



RH/TEMPERATURE  
TRANSMITTER  
**DWYER SERIES RHPX**  
Accurately monitors humidity  
and temperature for building  
control functions



LEAK DETECTION  
**DWYER SERIES WD3**  
Protects equipment from  
water damage by detecting  
the presence of water

# DWYEROMEGA™

Improving the world, one measurement at a time™

*Dwyer*

 OMEGA™



**wi** WEISS  
INSTRUMENTS

**UFM** UNIVERSAL  
FLOW MONITORS

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