

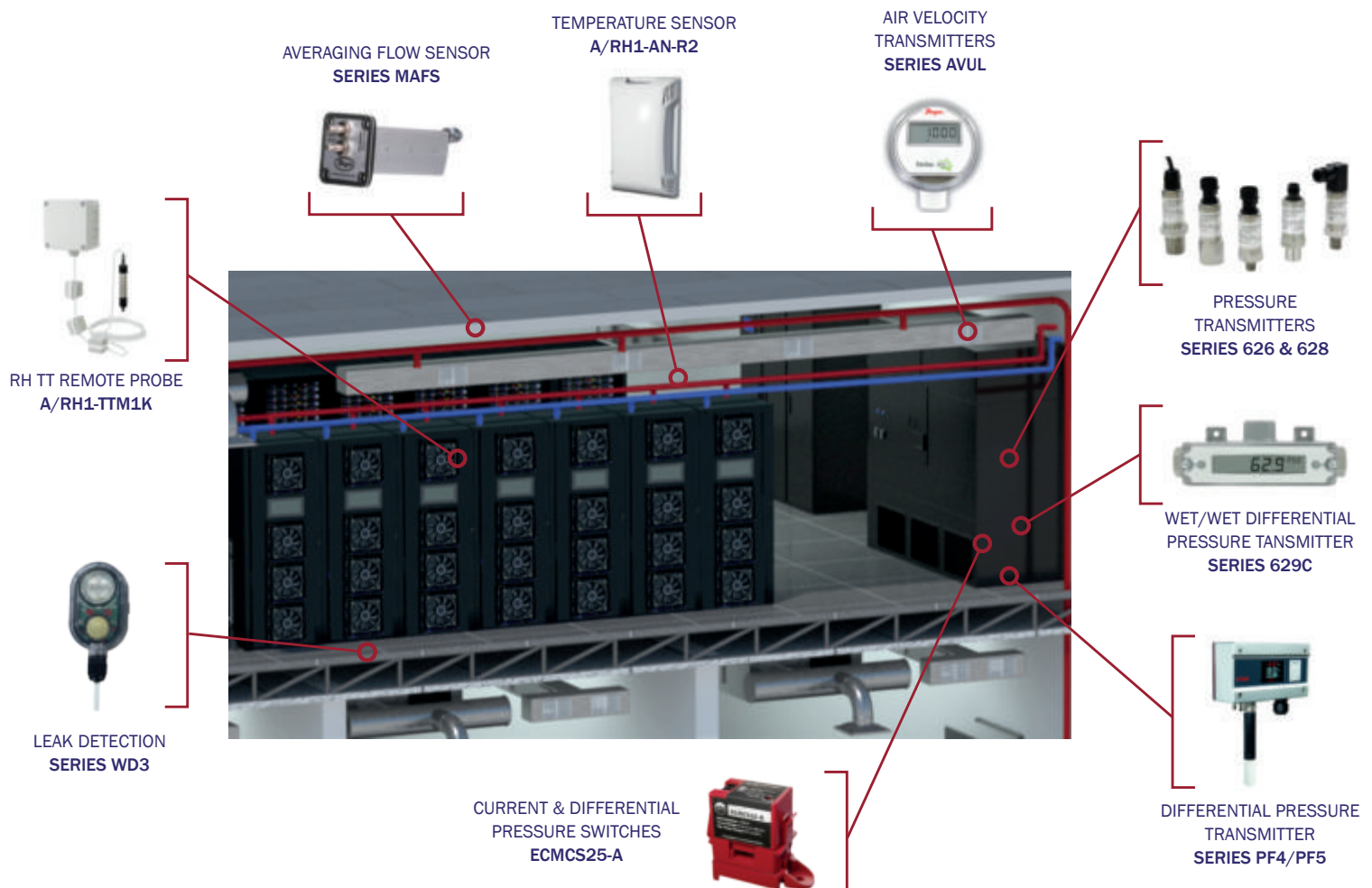


TOTAL INSTRUMENT PACKAGE FOR
DATA CENTERS

dwyeromega.com

LIQUID-COOLED 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.



**AIR VELOCITY TRANSMITTERS
DWYER SERIE AVUL**
Monitors the air velocity of volumetric flow in ducts/flow applications



**CURRENT SENSOR
ACI ECMCS25-A**
Monitors ECM fan motor status without false status alarms in server racks, CRAC or CRAH cooling units



**WET/WET DIFFERENTIAL PRESSURE TRANSMITTER
DWYER SERIES 629C**
Monitors the differential pressure in the liquid cooling lines across the pump



**TEMPERATURE & HUMIDITY TRANSMITTER
ACI A/RH1-AN-R2**
Accurately monitors humidity and temperature in the ambient environment



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



**AVERAGING FLOW SENSOR
DWYER SERIES MAFS**
Blade profile provides enhanced performance and minimal flow disruption



**PRESSURE TRANSMITTERS
DWYER SERIES 626 & 628**
Monitors the liquid/gas line pressure in refrigerant or liquid cooling lines



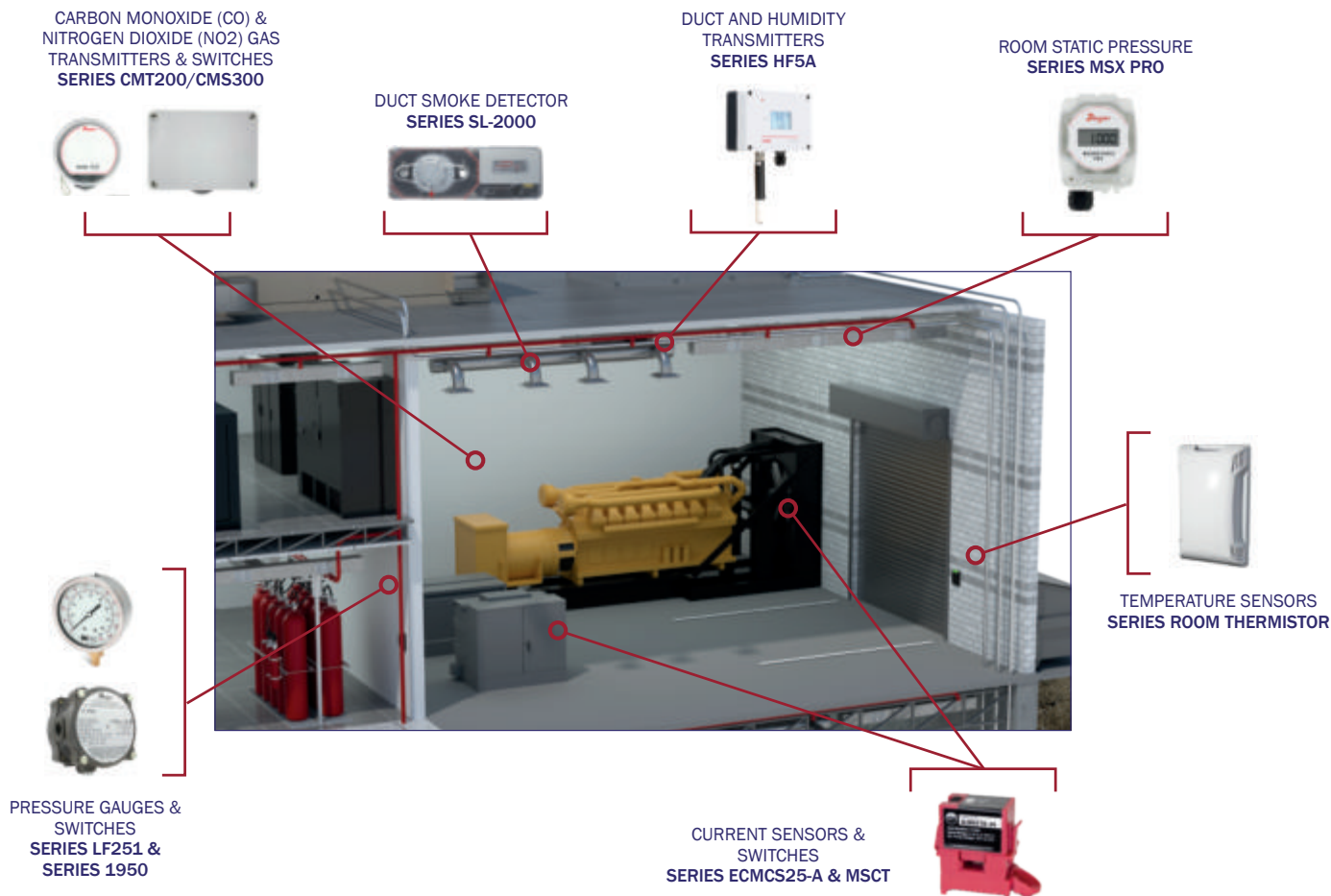
**RH TT REMOTE PROBE
ACI A/RH1-TTM1K**
Remote RH and temperature measurement with flexible mounting



**DIFFERENTIAL PRESSURE TRANSMITTER
ROTRONIC SERIES PF4/PF5**
Monitor the building static pressure within the space

GENERATOR ROOM

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



CARBON MONOXIDE (CO) & NITROGEN DIOXIDE (NO2) GAS TRANSMITTERS & SWITCHES
DWYER SERIES CMT200/CMS300
Detects CO and NO2 for personnel safety



PRESSURE GAUGES & SWITCHES
DWYER SERIES 1950 & WEISS SERIES LF251
Monitoring the fire suppression system for line pressure and flow of gas into the building spaces



DUCT HUMIDITY & TEMPERATURE TRANSMITTERS
ROTRONIC SERIES HF5A-D
Monitors RH and temperature in the supply air duct



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



ROOM STATIC PRESSURE
DWYER SERIES MSX PRO
Monitors building static pressure in commercial buildings



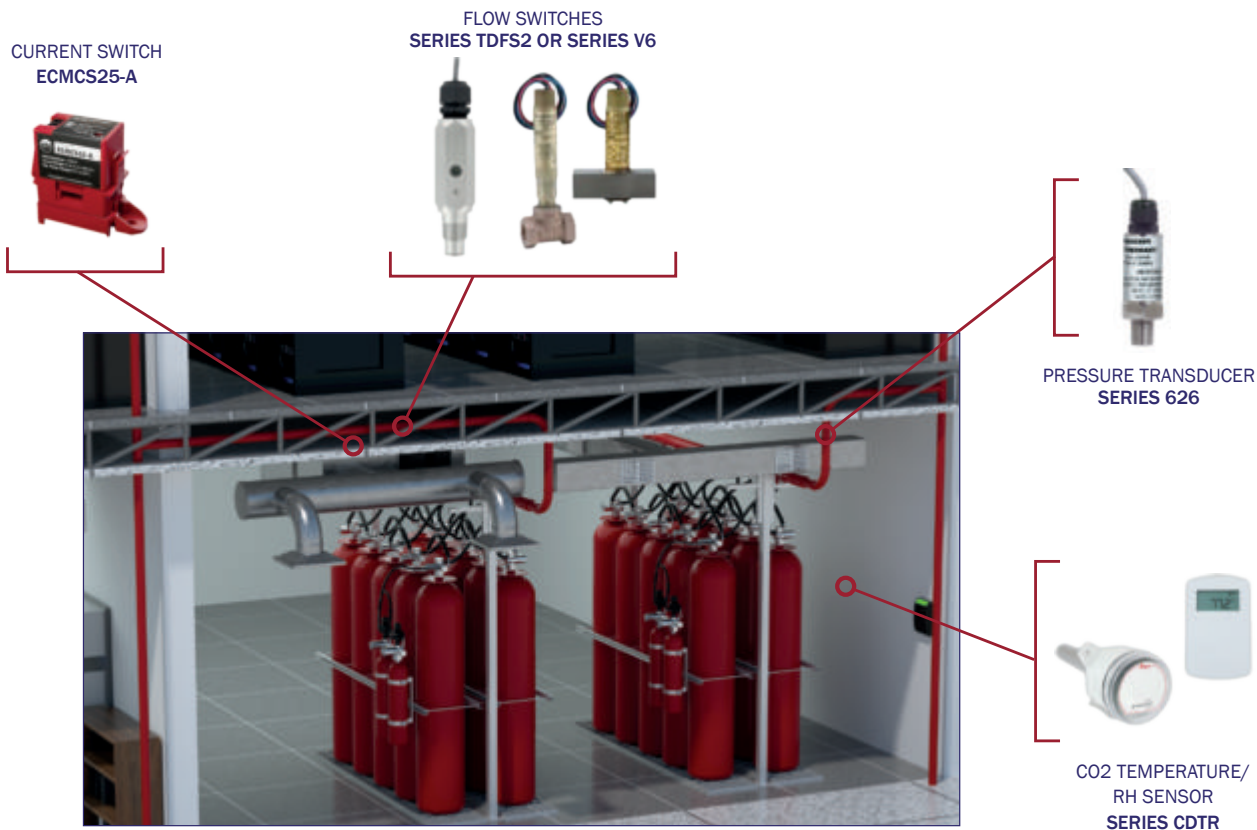
TEMPERATURE SENSORS
ACI SERIES ROOM THERMISTOR
Temperature sensor used to monitor the ambient air temperature in the mechanical room



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 OR SERIES V6

Indicates if the flow rate is above or below a user's set point



CO2/TEMPERATURE/ RH SENSOR DWYER SERIES CDTR

Monitors the CO2 levels in a data center for leaks into the indoor building environment



PRESSURE TRANSDUCER DWYER SERIES 626

Monitors the line pressure in the fire suppression system

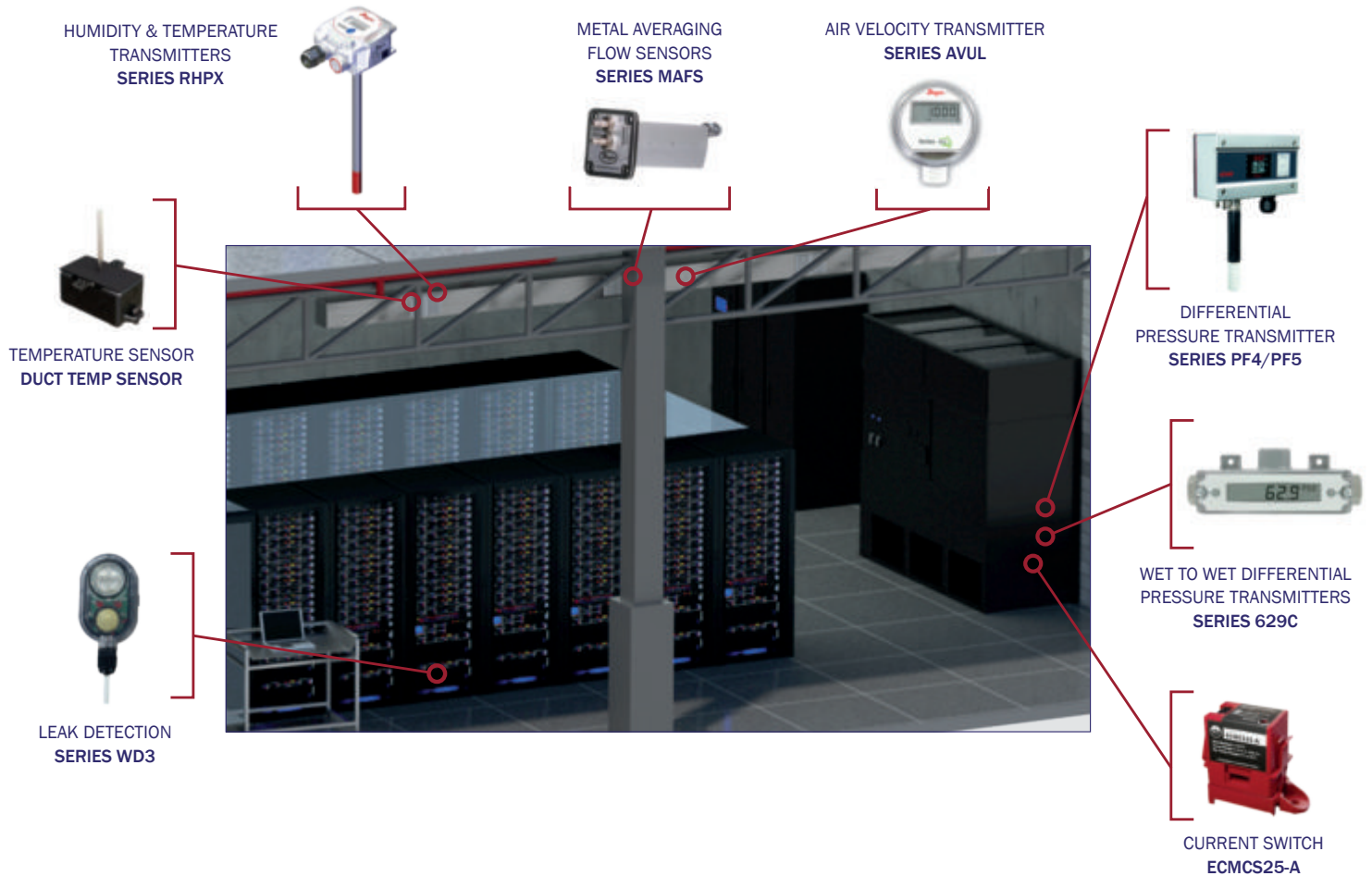


CURRENT SENSOR ACI ECMCS25-A

Monitors ECM motors without false status alarms

AIR-COOLED 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.



HUMIDITY & TEMPERATURE TRANSMITTERS **DWYER SERIES RHPX**

Accurately monitors the humidity and temperature for building control functions supply and return ducts



CURRENT & DIFFERENTIAL PRESSURE SWITCHES **ACI ECMCS25-A**

Monitors ECM fan motor status without false status alarms in server racks



TEMPERATURE SENSORS **ACI DUCT TEMPERATURE SENSOR**

Monitors air temperature in return or supply air ducts in the server rooms



LEAK DETECTION **DWYER SERIES WD3**

Protects equipment from water damage by detecting the presence of water in a drain pan



DIFFERENTIAL PRESSURE TRANSMITTERS **ROTRONIC SERIES PF4/PF5**

Monitor air flow or differential pressure inside of server racks or CRAC units in the server rooms



AIR VELOCITY TRANSMITTERS **DWYER SERIES AVUL**

Measures the air velocity in ducts to ensure proper air flow in the server room



METAL AVERAGING FLOW SENSORS **DWYER SERIES MAFS**

Measure the total & static pressure points in ducts when using low differential pressure transmitters

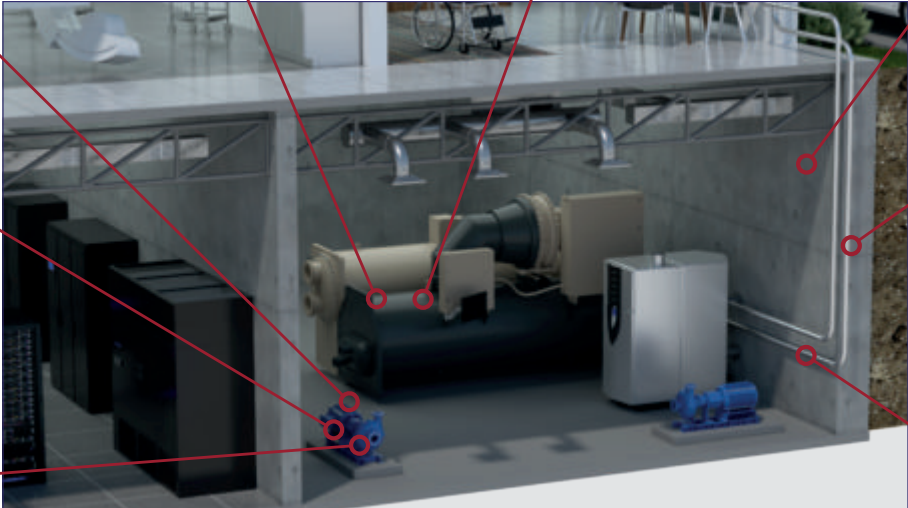


WET TO WET DIFFERENTIAL PRESSURE TRANSMITTERS **DWYER SERIES 629C**

Monitors the differential pressure for liquids and gases used to cool the server rooms

CHILLER ROOM

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



**HYDRONIC DIFFERENTIAL PRESSURE MANOMETERS
SERIES 490W**

**LIQUID FLOW METERS & FLOW SWITCHES
SERIES IEF & TDFS2**

**THERMAL ENERGY METERS
SERIES IEFB**

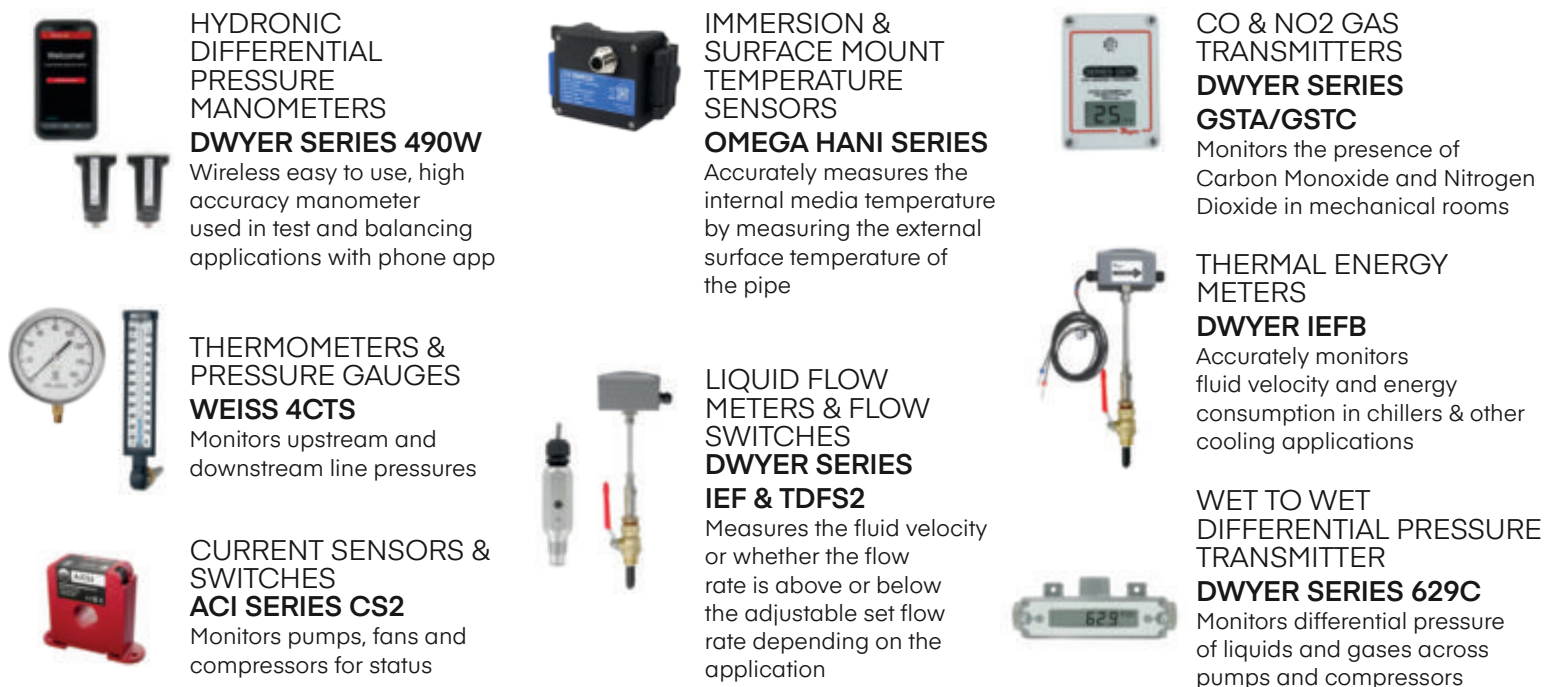
**CARBON MONOXIDE (CO) & NITROGEN DIOXIDE (NO2) GAS TRANSMITTERS
SERIES GSTA/GSTC**

**CURRENT SENSORS & SWITCHES
CS2**

**WET TO WET DIFFERENTIAL PRESSURE SWITCHES & TRANSMITTERS
SERIES 629C**

**THERMOMETERS & PRESSURE GAUGES
4CTS**

**IMMERSION & SURFACE MOUNT TEMPERATURE SENSOR
HANI SERIES**



**HYDRONIC DIFFERENTIAL PRESSURE MANOMETERS
DWYER SERIES 490W**
Wireless easy to use, high accuracy manometer used in test and balancing applications with phone app

**IMMERSION & SURFACE MOUNT TEMPERATURE SENSORS
OMEGA HANI SERIES**
Accurately measures the internal media temperature by measuring the external surface temperature of the pipe

**CO & NO2 GAS TRANSMITTERS
DWYER SERIES GSTA/GSTC**
Monitors the presence of Carbon Monoxide and Nitrogen Dioxide in mechanical rooms

**THERMOMETERS & PRESSURE GAUGES
WEISS 4CTS**
Monitors upstream and downstream line pressures

**LIQUID FLOW METERS & FLOW SWITCHES
DWYER SERIES IEF & TDFS2**
Measures the fluid velocity or whether the flow rate is above or below the adjustable set flow rate depending on the application

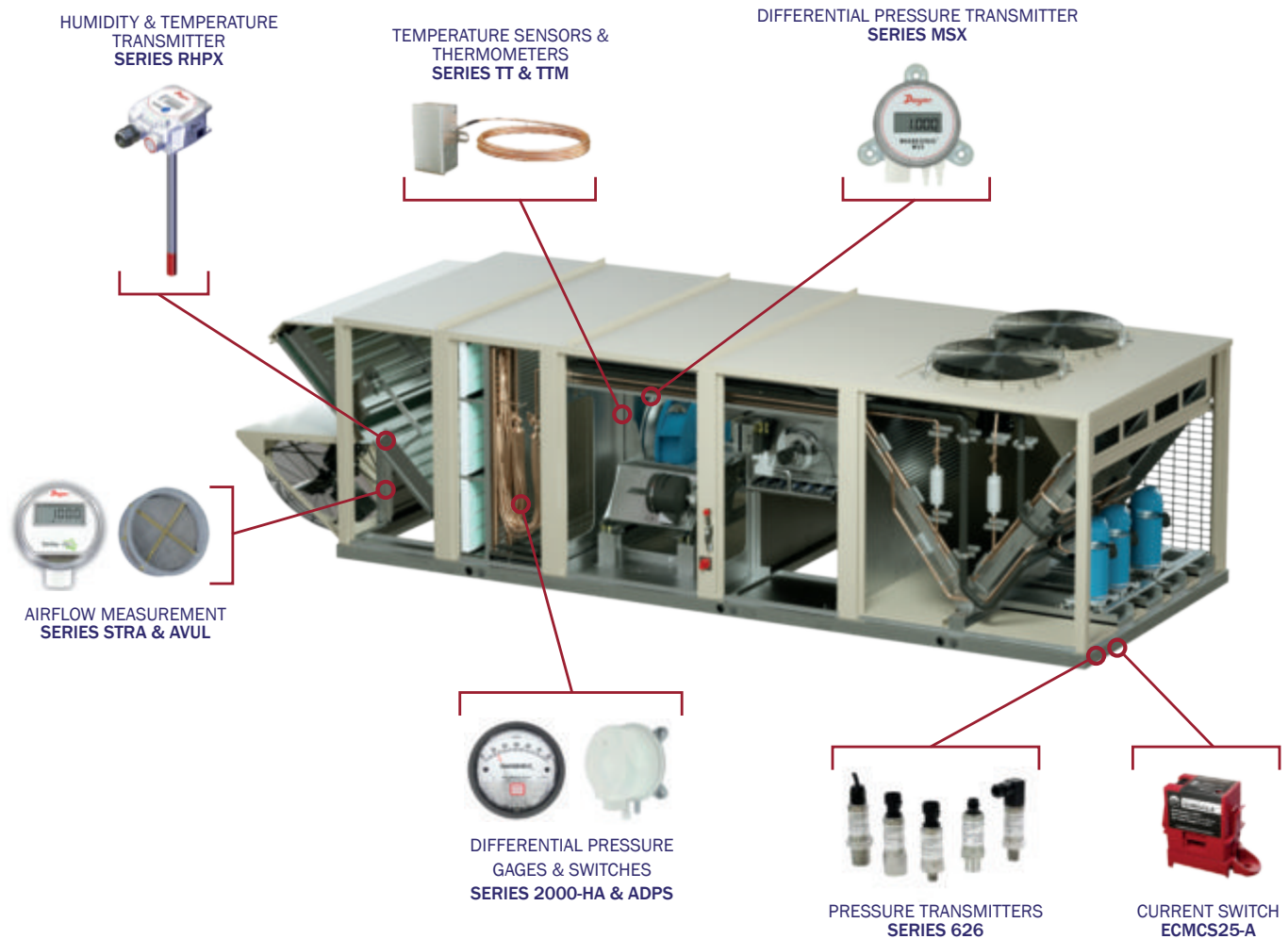
**THERMAL ENERGY METERS
DWYER IEFB**
Accurately monitors fluid velocity and energy consumption in chillers & other cooling applications

**CURRENT SENSORS & SWITCHES
ACI SERIES CS2**
Monitors pumps, fans and compressors for status

**WET TO WET DIFFERENTIAL PRESSURE TRANSMITTER
DWYER SERIES 629C**
Monitors differential pressure of liquids and gases across pumps and compressors

AIR HANDLING UNIT (AHU)

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



CURRENT SENSORS & SWITCHES

ACI ECMCS25-A

Monitors ECM motors without false status alarms



DIFFERENTIAL PRESSURE GAGES & SWITCHES DWYER SERIES 2000-HA & SERIES ADPS

Monitors filter blockage or proof of flow in air handling units



DIFFERENTIAL PRESSURE TRANSMITTER

DWYER SERIES MSX

Monitors the air flow or duct static pressure in air handling units



HUMIDITY & TEMPERATURE TRANSMITTERS DWYER SERIES RHPX

Accurately monitors humidity and temperature for building control functions



TEMPERATURE SENSORS & THERMOMETERS ACI SERIES TT & TTM AVERAGING TEMPERATURE TRANSMITTERS

Continuously senses temperature in your supply or return ducts



PRESSURE TRANSMITTERS DWYER SERIES 626 & 628

Monitors the pressure in compressor refrigerant lines and liquid cooling coils in air handling units



AIRFLOW MEASUREMENT DWYER SERIES STRA & SERIES AVUL

Monitors the air flow in the ducts to ensure proper air flow



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.



**Improving the world, one
measurement at a time™**