

## COMMON HVAC ABBREVIATIONS

Abbreviation	Usually Means...
AD	Access Door
ACU-1	Air Conditioning Unit No.0
AFF	Above Finished Floor
AHU-1	Air Handling Unit No. 1
AST	Above-ground Storage Tank
ATC	Automatic Temperature Controls
BAMCS	Building Automatic Management Control System
BHP	Brake Horse Power
BOD	Bottom of Duct
BTU	British Thermal Unit
Calc.	Calculation
CC	Cooling Coil
CFD	Computational Fluid Dynamic
CFM	Cubic Feet Per Minute
CHW	Chilled Water
CHWR	Chilled Water Return
CHWS	Chilled Water Supply
CS	Condenser Water
CW	Condenser Water or City Water
CWR	Condenser Water Return
CWS	Condenser Water Supply
DB	Dry Bulb (Temperature)
DIA	Diameter
DOAS	Dedicated Outdoor Air System
DWDI	Double Width Double Inlet (Fan)
DWG	Drawing
EER	Energy-Efficiency Ratio
EF	Exhaust Fan
ELEV	Elevator or Elevation
EMR	Elevator Machine Room
EMT	Electric Metallic Tubing
ESC	Escalator
ESP	External Static Pressure
EWT	Entering Water Temperature
FAP	Fire Alarm Panel
FD	Fire Damper
FMA	Factor Manufacture Approval
FPM	Feet Per Minute
FSD	Fire Smoke Damper
GALV.	Galvanized
GPM	Gallons Per Minute
HC	Heating Coil
HEPA	High-Efficiency Particulate Filter (Air Filter)
HV-1	Heating and Ventilating Unit No. 1
HX	Heat Exchanger
IPLV	Integrated Part Load Value
LAT	Leaving Air Temperature
LBS	Pounds
LWT	Leaving Water Temperature
MBH	Thousand BTU per Hour
MEA#	Mechanical Equipment Application Number

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Abbreviation	Usually Means...
MEA#	Materials and Equipment Acceptance (NYC)
MER	Mechanical Equipment Room
MERV	Minimum Efficiency Reporting Value (Air Filter)
MSDS	Material Safety Data Sheet
NC	Normally Closed
NEMA	National Electrical Manufacturers Association
NIST	National Institute of Standards and Technology
NO	Normally Open
NPT	National Pipe Thread
OAI	Outside Air Intake
OEM	Original Equipment Manufacturer
OPD	Open Drip Proof (Motor)
PD	Pressure Drop
PRV	Pressure Reducing Valve
PSI	Pounds per square inch
PVC	Polyvinylchloride
R12, R22	Refrigerant (12, 22)
RPM	Revolutions Per Minute
RTD	Resistance Temperature Detector (Thermostat)
RTD	Resistive Thermal Devices (Temp. Sensor)
RTU	Rooftop Unit
SD	Smoke Detector or Smoke Damper
SEER	Seasonal Energy-Efficiency Ratio
SMACNA	Sheet Metal & Air Conditioning Contractors National Association, Inc.
SP	Static Pressure
SPDT	Single Pole Double Through
SPST	Single-Pole, Single-Throw (signal)
SS	Stainless Steel
TAB	Testing And Balancing
TDH	Total Dynamic Head
TEAO	Totally Enclosed Air Over (motor)
TEFC	Totally enclosed fan cooled
Temp.	Temperature
TSP	Total Static Pressure
T-STAT	Thermostat
UST	Underground Storage Tank
VAV	Variable Air Volume
VE	Value Engineering
VFD	Variable Frequency Drive
WB	Wet Bulb
WBS	Work Breakdown Structure
WG	Water Gauge
WMS	Wire Mesh Screen

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