

















































































TYPICAL DRAWING SYMBOLS

	General Valve		Normally Closed Valve		Hose Union Drain Cock		Auto Air Vent
	Isolating Valve Wheelhead		Normally Open Valve		Flexible Bellow		Single Head Pump
	Isolating Lockshield Valve		2-Port Control Valve		Safety Valve		Twin Head Pump
	Non-Return Valve		3-Port Control Valve		Float Valve		Sight Glass
	Double Non-Return Valve		4-Port Control Valve		Lockshield Radiator Valve		Test Point
	Pressure-Reducing Valve		Thermostat Mixing Valve		Thermostatic Radiator Valve		Flanged Connection
	Double Regulating Valve		Differential Pressure Control Valve		Gas Cock		Union
	Commissioning Valve		Balancing Partner Valve		Gas Solenoid Valve		Capped End
	Metering Station		Plugged Valve: Future Connection		Three-Way Vent Valve		Reducer
	Auto By-Pass Valve		Drain-Off Cock		Strainer		Pipework

TYPICAL DRAWING SYMBOLS

	Quick Fill		Outside Sensor		PHE		3-Fan Sections
	Gas Meter		Air/Dirt Separator		Pump		4-Fan Sections
	Water Meter		Expansion Vessel		Strainer		Side-To-Side Pipe
	Temperature Gauge		Water Conditioner		Valve		Top-To-Bottom Pipe
	Pressure Gauge		Low-Loss Header		Duct		Side-To-Bottom Pipe
	Flow Switch		Dosing Pot		Return Duct		Pipe Flow Arrow
	Panic Button		Side Stream Filtration Unit And Dosing Unit		Return Duct 2		VAV Box
	Pressure Switch		Actuator		Supply Duct		DD VAV Box
	Thermostat		Filter		Supply Duct 2		Fan Coil Housing
	Temperature Sensor		Gauge		2-Fan Sections		Unit Heater

COMMONLY USED SYMBOLS

COMMONLY USED SYMBOLS

TYPICAL DRAWING SYMBOLS



Centrifugal Fan



Propeller Fan



Vane Axial Fan



Damper



Filter



Airflow Station



Humidifier



Heating/Cooling Coil



Pump



Valve



Gate Valve



Water Flow Meter



Chiller



Cooling Tower



Boiler



Equipment



VSD



Start