

Symbol	Description	Symbol	Description
	PIPE ELBOW TURNED DN		STEAM TRAP (FLOOR) & THERMOSTATIC INDICATED T.T. = THERMOSTATIC TRAP, B.T. = BUCKET TRAP
	PIPE ELBOW TURNED UP		LOCKABLE BALL VALVE
	PIPING TEE DOWN		PLUG VALVE
	PIPING TEE UP		2-WAY CONTROL VALVE
	PIPE RISER		3-WAY CONTROL VALVE
	45° ELBOW DOWN		LOCK & SHIELD VALVE
	PIPING TO BE REMOVED		CHECK VALVE
	CAPPED PIPING		BALANCING VALVE (CIRCUIT SETTER)
	CAPPED BELOW FINISHED FLOOR		AIR VENT - REFER TO SPECIFICATIONS
	CONCENTRIC REDUCER		STRAINER WITH BLOWDOWN VALVE AND CAP
	ECCENTRIC REDUCER		EXPANSION VALVE (AUTOMATIC)
	DIRECTION OF FLOW		RELIEF/SAFETY VALVE
	PIPING PITCHES DOWN		PRESSURE GAUGE WITH COOK
	PIPE GUIDE		SIGHT GLASS
	EXPANSION JOINT		PRESSURE REDUCING VALVE
	PIPE ANCHOR		FLOW SWITCH
	UNION		SELF-CONTAINED TEMP. CONTROL VALVE WITH REMOTE SENSOR
	FLANGED CONNECTION		STEAM TRAP (FLOOR) & THERMOSTATIC INDICATED T.T. = THERMOSTATIC TRAP, B.T. = BUCKET TRAP
	BACKFLOW PREVENTER		PUMP - POINT OF TRIANGLE INDICATES DIRECTION OF FLOW
	FLEXIBLE CONNECTION		GAS SHUT-OFF VALVE
	SHUT-OFF/ISOLATION VALVE		HOSE END DRAIN VALVE W/ CAP
	GATE VALVE - OUTSIDE SOWN & TONE (OS&T)		TEMPERATURE/PRESSURE TAP (PETES PLUG)
			THERMOMETER WITH COOK
			SOLENOID VALVE
			ORIFICE FLOWMETER
			DIFFERENTIAL PRESSURE TRANSMITTER
			HUMIDIFIER (DUCT/AHU MOUNTED)
			FINNED TUBE BASEBOARD
			HOSE BIB/WALL HYDRANT
			FLOOR CLEANOUT
			FUSIBLE LINK VALVE
			WALL CLEANOUT
			AQUASTAT

Symbol	Description	Symbol	Description
	SINGLE LINE DUCTWORK TO BE REMOVED		FIRE AND SMOKE DAMPER
	DUCT TRANSITION		FIRE AND SMOKE DAMPER
	SQUARE TO ROUND TRANSITION		FIRE AND SMOKE DAMPER
	FLEX DUCT - DOUBLE LINE		FIRE AND SMOKE DAMPER
	FLEX DUCT - SINGLE LINE		FIRE AND SMOKE DAMPER

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	FLOOR DRAIN		TEMPERATURE SENSOR OR THERMOSTAT (AS SPECIFIED) HUMIDISTAT OR HUMIDITY SENSOR (AS SPECIFIED) CARBON DIOXIDE SENSOR
	SHOCK ABSORBER (WATER HAMMER ARRESTOR)		CARBON MONOXIDE SENSOR
	FIRE DEPARTMENT CONNECTION		ACCESS PANEL
	FREE STANDING FIRE DEPARTMENT CONNECTION		DUCT SMOKE DETECTOR
	WATER GONG		ROOFTOP EXHAUST FAN
	MITERED DUCT ELBOW WITH TURNING VANES		ROOFTOP SUPPLY FAN
	ROUND DUCT TURNED UP/DN		CEILING DIFFUSER - 4WAY BLOW
	EXHAUST DUCT TURNED UP/DN		CEILING DIFFUSER - 3WAY BLOW
	ROUND DUCT TURNED UP/DN		CEILING DIFFUSER - 2WAY BLOW
	DUCT/PIPE CAP (SINGLE/DOUBLE LINE)		CEILING RETURN GRILLE
	DUCTWORK - FIRST DIMENSION IS SIDE SHOWN IN INCHES S= SUPPLY, R= RETURN, E= EXHAUST, O= OUTSIDE AIR, F.O.= FLAT OVAL		CEILING EXHAUST GRILLE
	ACOUSTICAL LINING (DUCT DIMENSION FOR NET FREE AREA)		POINT OF CONNECTION EXISTING TO NEW
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