MECHANICAL SYMBOL LEGEND

SYMBOL	NAME	DESCRIPTION	WORKING UNITS USED TO CREATE
	ACCDOR	DUCT ACCESS DOOR	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	AGUIDE	ALIGNMENT GUIDE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	AIRELM	AIR ELIMINATOR	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	AIRIN	AIR INTAKE DIRECTIONAL ARROW	Master units = 1'-0" Sub units = 12" Pos. units = 8000
S	AIRSEP	AIR SEPARATOR	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	ANCHRI	ANCHOR	Master units = 1'-0" Sub units = 12" Pos. units = 8000
AV	AVENTA	AUTOMATIC AIR VENT	Master units = 1'-0" Sub units = 12" Pos. units = 8000
MV	AVENTM ✳	MANUAL AIR VENT	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	BALLJT	BALL JOINT	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	BUSHSC	BUSHING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	CAPSC	CAP	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	CAPTUB	CAPILLARY TUBE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	CDRND	ROUND CEILING DIFFUSER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	CDSQR	SQUARE CEILING DIFFUSER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	CFM2X3 ✳	AIRFLOW (CUBIC FEET/METER)	Master units = 1'-0" Sub units = 12" Pos. units = 8000

✳ = SYMBOL CONTAINS FIELD(S) FOR ASSOCIATING TEXT

MECHANICAL SYMBOL LEGEND

SYMBOL	NAME	DESCRIPTION	WORKING UNITS USED TO CREATE
	CFM2X4 ✳	AIRFLOW (CUBIC FEET/METER)	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	CFM3X4 ✳	AIRFLOW (CUBIC FEET/METER)	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	COCKSC	SQUARE HEAD COCK VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	CREDSC	REDUCER CONCENTRIC FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	CRSRSC	CROSS FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	CUPJNT	COUPLING JOINT FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	DCTHTR	ELECTRIC DUCT HEATER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
EOD	DMPEOC	ELECTRIC OPERATED DAMPER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	DMPFIR	FIRE DAMPER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	DMPFS	FIRE SMOKE DAMPER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
POD	DMPPOD	PNEUMATIC OPERATED DAMPER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	DMPSMK	SMOKE DAMPER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	DPRSD ✳	DUCT PRESSURE CLASS DOWN IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	DPRSH ✳	DUCT PRESSURE HORIZONTAL IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	DPRSL ✳	DUCT PRESSURE LEFT IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000

✳ = SYMBOL CONTAINS FIELD(S) FOR ASSOCIATING TEXT

MECHANICAL SYMBOL LEGEND

SYMBOL	NAME	DESCRIPTION	WORKING UNITS USED TO CREATE
	DPRSR ✳	DUCT PRESSURE RIGHT IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	DPRSU ✳	DUCT PRESSURE CLASS UP IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	DPRSV ✳	DUCT PRESSURE CLASS VERT IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	DRIER	INLINE REFRIGERANT DRIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	EEQ2X2 ✳	ELECTRICAL EQUIPMENT 2X2 MARK IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	EEQ2X3 ✳	ELECTRICAL EQUIPMENT 2X3 MARK IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	EEQ2X4 ✳	ELECTRICAL EQUIPMENT 2X4 MARK IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	EEQ3X2 ✳	ELECTRICAL EQUIPMENT 3X2 MARK IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	EEQ3X3 ✳	ELECTRICAL EQUIPMENT 3X3 MARK IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	EEQ3X4 ✳	ELECTRICAL EQUIPMENT 3X4 MARK IDENTIFIER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	EL45SC	45 DEGREE ELBOW FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	EL90SC	90 DEGREE ELBOW FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	ELBSC	BASE ELBOW FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	ELDBSC	DOUBLE BRANCH ELBOW FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	ELLRSC	LONG RADIUS ELBOW FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000

✳ = SYMBOL CONTAINS FIELD(S) FOR ASSOCIATING TEXT

MECHANICAL SYMBOL LEGEND

SYMBOL	NAME	DESCRIPTION	WORKING UNITS USED TO CREATE
	ELODSC	ELBOW SIDE OUTLET DOWN FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	ELOUSC	ELBOW SIDE OUTLET UP FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	ELSTRT	STREET ELBOW FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	ELTDSC	TURNED DOWN ELBOW FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	ELTUSC	TURNED UP ELBOW FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	EREDSC	ECCENTRIC REDUCER FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	EXPJNT	EXPANSION JOINT (PIPING)	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	FANERV	EXHAUST ROOF VENTILATOR FAN	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	FANLRV	LOUVERED ROOF VENTILATOR FAN	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	FANSRV	INTAKE ROOF VENTILATOR FAN	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	FLBLND	BLIND FLANGE FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	FLOW1	AIR FLOW DIRECTION ARROW	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	FLRPEN	FLOOR PENETRATION (ISOMETRIC VIEW)	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	FLXCON	FLEXIBLE CONNECTOR (PIPING)	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	GAUGE	PRESSURE GAUGE	Master units = 1'-0" Sub units = 12" Pos. units = 8000

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MECHANICAL SYMBOL LEGEND

SYMBOL	NAME	DESCRIPTION	WORKING UNITS USED TO CREATE
	GRILEX	DUCT SECTION EXHAUST GRILLE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	GRILSU	DUCT SECTION SUPPLY GRILLE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
H	HANGRD	HANGER ROD	Master units = 1'-0" Sub units = 12" Pos. units = 8000
H	HANGSP	HANGER SPRING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
HS	HSENS	HUMIDITY SENSOR	Master units = 1'-0" Sub units = 12" Pos. units = 8000
H	HSTAT	HUMIDISTAT	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	LNDIFF	LINEAR DIFFUSER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	LOOPL	LEFT DIMENSION LOOP TERMINATOR	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	LOOPR	RIGHT DIMENSION LOOP TERMINATOR	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	LOUOPN	DOOR OR WALL LOUVER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
D	PIDROP	PITCH OR PIPE DROP	Master units = 1'-0" Sub units = 12" Pos. units = 8000
R	PIRISE	PITCH OR PIPE RISE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	PLGBFL	BULL PLUG FLANGED	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	PLGPSC	PIPE PLUG BELL AND SPIGOT	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	PRGGCO	PRESSURE GAGE AND COCK	Master units = 1'-0" Sub units = 12" Pos. units = 8000

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MECHANICAL SYMBOL LEGEND

SYMBOL	NAME	DESCRIPTION	WORKING UNITS USED TO CREATE
PSD	PSDIFF	PUMP SUCTION DIFFUSER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	PUMP	PUMP	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	PUMPP	PUMP SCHEMATIC	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	PUMPS	INLINE PUMP	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	SCALET	SCALE TRAP	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	SLEEVE	PIPING SLEEVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	STGLAS	SIGHT GLASS	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	STRAIN	STRAINER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	STRBLO	BLOW OFF STRAINER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	SUPOUT	SUPPLY OUTLET WALL SUPPLY	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	TDSSC	DOUBLE SWEEP TEE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	THERM	THERMOMETER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	THERMW	THERMOMETER WELL	Master units = 1'-0" Sub units = 12" Pos. units = 8000
T	THHRB	THERMOSTAT REMOTE BULB	Master units = 1'-0" Sub units = 12" Pos. units = 8000
T	THHSC	THERMOSTAT SELFCONTAINED	Master units = 1'-0" Sub units = 12" Pos. units = 8000

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MECHANICAL SYMBOL LEGEND

SYMBOL	NAME	DESCRIPTION	WORKING UNITS USED TO CREATE
TL	THLPRS	THERMOSTAT LOW PRESSURE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
T uP	THMCP	MICROPROCESSOR THERMOSTAT	Master units = 1'-0" Sub units = 12" Pos. units = 8000
T	THPELE	THERMOSTAT ELECTRIC	Master units = 1'-0" Sub units = 12" Pos. units = 8000
T	THPPNE	THERMOSTAT PNEUMATIC PIPE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
TS	TMPSEN	TEMPERATURE SENSOR	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	TODSC	TEE FITTING (OUTLET DOWN)	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	TOUSC	TEE FITTING (OUTLET UP)	Master units = 1'-0" Sub units = 12" Pos. units = 8000
F	TRAPFL	FLOAT TRAP	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	TRAPFT	FLOAT THERMOSTATIC TRAP	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	TRAPST	STEAM TRAP	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	TRAPTB	THERMOSTATIC BLAST TRAP	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	TSODSC	TEE FITTING SIDE OUTLET DOWN	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	TSOUSC	TEE FITTING SIDE OUTLET UP	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	TSSSC	TEE FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	TSSWSC	SINGLE SWEEP TEE FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000

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MECHANICAL SYMBOL LEGEND

SYMBOL	NAME	DESCRIPTION	WORKING UNITS USED TO CREATE
	UNIOSC	UNION FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
P	VA3WAM	3WAY AIRMOTOR CONTROLER	Master units = 1'-0" Sub units = 12" Pos. units = 8000
M	VA3WEM	3WAY ELECMOTOR CONTRLE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VA3WM	3WAY MANUAL VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAAHOS	ANGLE HOSE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VABALL	BALL VALVE FITTING (PLAN VIEW)	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VABFLY	BUTTERFLY VALVE FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VACWR	CONDENSE WATER REGULATOR VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VADISC	DIAPHRAGM VALVE FITTING	Master units = 1'-0" Sub units = 12" Pos. units = 8000
M	VAEMTR	PNEUMATIC MOTOR	Master units = 1'-0" Sub units = 12" Pos. units = 8000
S	VAESOL	SOLENOID VALVE ACTUATOR	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAFLSC	FLOAT VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
P	VAGAMC	PNEUMATIC CONTROLED GATE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
P	VAGLAM	PNEUMATIC CONTROLED GLOBE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAGLE	ANGLE GLOBE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000

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MECHANICAL SYMBOL LEGEND

SYMBOL	NAME	DESCRIPTION	WORKING UNITS USED TO CREATE
	VAGLSE	GLOBE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAGSE	ANGLE GATE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAGSP	ANGLE GATE VALVE (PLAN VIEW)	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAGTSE	GATE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAHASC	GATE VALVE PLAN	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAHGLS	HOSE GLOBE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAHGSC	HOSE GATE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VALSSC	LOCK SHIELD VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
M	VAMAGS	MAGNETIC STOP VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAMNNS	VALVE ACTUATED, MANUAL NON-RISING STEM	Master units = 1'-0" Sub units = 12" Pos. units = 8000
M	VAMOGS	MOTOR OPERATED GATE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
M	VAMOLS	MOTOR OPERATED GLOBE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAMOSY	VALVE ACTUATOR, MANUAL OUTSIDE STEM & YOKE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VANEED	NEEDLE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAPLUG	PLUG VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000

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MECHANICAL SYMBOL LEGEND

SYMBOL	NAME	DESCRIPTION	WORKING UNITS USED TO CREATE
	VAPMTD	VALVE ACTUATOR, PNEUMATIC DIAPHRAGM	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAPRED	PRESSURE REDUCING VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAPRRD	PRESSURE REDUCING VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VAQOSC	QUICK OPENING VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VARELF	RELIEF OR SAFETY VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VASCE	ANGLE GLOBE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VASCP	ANGLE GLOBE VALVE (PLAN VIEW)	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VASFSC	SAFETY VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VASGCH	SWING GATE CHECK VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VASNAP	SNAP ACTION VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
S	VASOLN	SOLENOID VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
S	VASPCH	SPRING CHECK VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VASTSC	GATE VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VASWSC	STRAIGHT WAY CHECK VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000
	VATPR	TEMP PRESSURE RELIEF VALVE	Master units = 1'-0" Sub units = 12" Pos. units = 8000

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