

MECHANICAL SYMBOLS LEGEND

ANNOTATION		DUCTWORK		CONTROLS AND METERING	
	SYMBOL PER ABBREVIATION LIST		RETURN GRILLE/REGISTER		WALL MOUNTED TEMPERATURE SENSOR (REFER TO CONTROL DIAGRAMS FOR VARYING SPECIFIC REQUIREMENTS)
	EQUIPMENT SEQUENCE NUMBER		SUPPLY DIFFUSER/REGISTER/GRILLE		WALL MOUNTED THERMOSTAT WITH INTEGRAL CONTACTORS, USER-ADJUSTABLE
	AIR INLET OR OUTLET WITH CFM		EXHAUST GRILLE/REGISTER		WALL MOUNTED THERMOSTAT/TEMPERATURE SENSOR BY EQUIPMENT MANUFACTURER
	KEYNOTE		SIDEWALL REGISTER/GRILLE		START/STOP CONTROLLER
	DIRECTION OF AIR FLOW		DUCT		CURRENT SENSOR
	CONNECT TO EXISTING		FLEXIBLE CONNECTION		MOTORIZED DAMPER, PARALLEL BLADE
PIPING			RECTANGULAR TO ROUND FITTING		
	ELBOW DOWN		MANUAL BALANCING DAMPER IN DUCT		
	PIPE TEE UP OR UP AND DOWN		RETURN DUCT UP		
	ELBOW UP OR UP AND DOWN		EXHAUST DUCT UP		
EQUIPMENT			SUPPLY DUCT UP		
	AIR CONDITIONER		FLEXIBLE DUCT		

MECHANICAL ABBREVIATIONS

AC	AIR CONDITIONER	MAX	MAXIMUM
⊙	AT	MBH	1000 BTU PER HOUR
CFM	CUBIC FEET/MINUTE	MCA	MINIMUM CIRCUIT AMPERES
COP	COEFFICIENT OF PERFORMANCE	MIN	MINIMUM
CS	CURRENT SENSOR	MOCP	MAXIMUM OVERCURRENT PROTECTION
CU	CONDENSING UNIT	N	NORTH
DB	DRY BULB	NO	NUMBER, NORMALLY OPEN
DDC	DIRECT DIGITAL CONTROLS	OA	OUTSIDE AIR
DEG	DEGREES	OBD	OPPOSED BLADE DAMPER
∅, DIA	DIAMETER	PH	PHASE
DN	DOWN	R	RETURN
E	EXHAUST	RA	RETURN AIR
EA	EXHAUST AIR	RH	RELATIVE HUMIDITY, RANGE HOOD
EAT	ENTERING AIR TEMPERATURE	RL	REFRIGERANT LIQUID
EER	ENERGY EFFICIENCY RATIO	RS	REFRIGERANT SUCTION
ELEV	ELEVATOR	S	SUPPLY
ESP	EXTERNAL STATIC PRESSURE	SA	SUPPLY AIR
F	DEGREES FAHRENHEIT	SEER	SEASONAL ENERGY EFFICIENCY RATIO
FT	FOOT/FEET	SP	SUMP PUMP
GUI	GRAPHICAL USER INTERFACE	S/S	START STOP
HRV	HEAT RECOVERY VENTILATOR	TYP	TYPICAL
HWR	HOT WATER RETURN	VRF	VARIABLE REFRIGERANT FLOW
HWS	HOT WATER SUPPLY	W	WATTS
IN	INCHES	W/	WITH
L	LOUVER	WC	WATER COLUMN
LAT	LEAVING AIR TEMPERATURE		

MECHANICAL LINE TYPE LEGEND

	REMOVE ITEMS
	PROVIDE ITEMS
	REFRIGERANT SUCTION/LIQUID
	CONTROL WIRING

