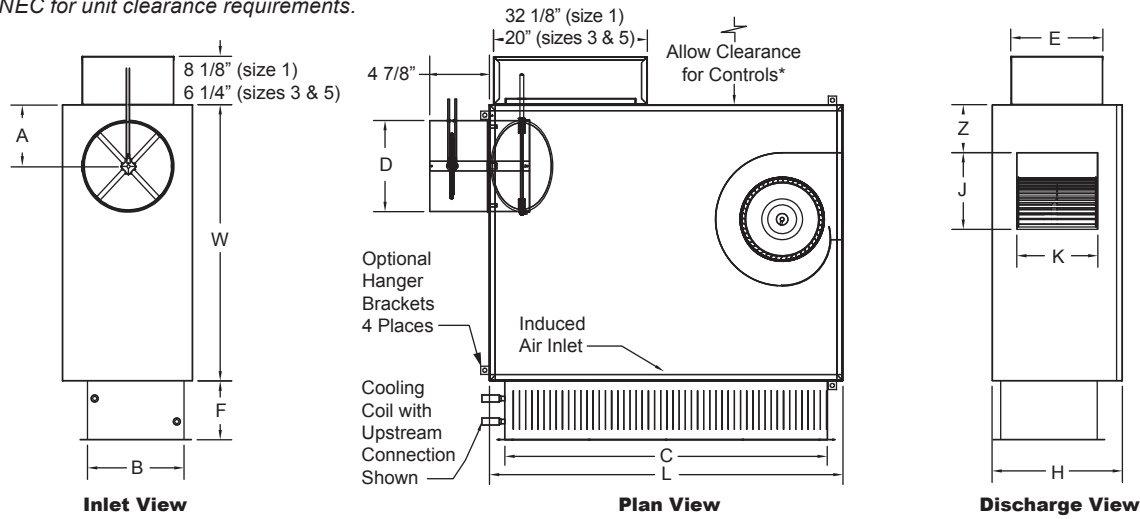


**KLPS-D Base Unit Dimensional Information**

**KLPS-D BASE UNIT, INLET, PLAN, AND DISCHARGE VIEWS**

\* Check NEC for unit clearance requirements.



**KLPS-D BASE UNIT, DIMENSIONAL DETAILS**

Unit Size	ECM HP	L	W	H	Cooling Coil		E	Discharge		Z	F		
					B	C		J	K		2 Row	4 Row	6 Row
1	1/3	48"	32"	8 5/8"	7 1/2"	36"	8 1/8"	10"	5 7/8"	2"	7 7/8"	7 7/8"	10"
2	1/3	48"	32"	9 1/2"	7 1/2"	36"	8 1/8"	10"	5 7/8"	2"	7 7/8"	7 7/8"	10"
3	1/3	40"	26"	11"	8 3/4"	36"	9 5/8"	9"	6 7/8"	2 1/4"	7 7/8"	7 7/8"	10"
5	1/2	46"	36"	17"	12 1/2"	42"	12"	10"	10 5/8"	6 1/4"	7 7/8"	7 7/8"	10"

Unit Size	1				2				3				5				
Inlet Size	04	05	06	07	04	05	06	07	04	05	06	07	08	06	07	08	10
A	5"	5"	5"	5"	5"	5"	5"	5"	5"	6"	5"	6"	5"	5"	6"	6"	7"
D	3 7/8"	4 7/8"	5 7/8"	6 7/8"	3 7/8"	4 7/8"	5 7/8"	6 7/8"	3 7/8"	4 7/8"	5 7/8"	6 7/8"	7 7/8"	5 7/8"	6 7/8"	7 7/8"	9 7/8"

NOTE: Left-hand base unit with electronic control enclosure shown; right-hand is available.

**KLPS-D Base Unit Features & Options**

**STANDARD FEATURES**

- 20 gage galvanized steel casing construction.
- Available in unit sizes 1, 2, 3, and 5.
- Control enclosure for electronic components.
- 1/2" thick, dual density fiberglass insulation that meets NFPA 90A and UL 181 safety requirements.
- [120, 208/240, or 277 volt, single-voltage] ECM motor.
- Manual or remote adjustable speed controller.
- Removable bottom panel allows easy access to all internal components for maintenance.
- Four quadrant, center averaging airflow sensor.
- Includes 24 volt control transformer.
- Sensible Cooling Coil factory installed on induced air inlet with drip tray.
- Construction type air filter, two per unit, unit size 1 (18 7/8"x7 1/2"x1"), unit size 2 (18 7/8"x8 3/8"x1"), unit size 3 (18 1/2"x10"x1"), unit size 5 (22"x14 1/2"x1").
- ETL listed; adherence to UL 1995 and CSA C22.2 No. 236.95

**OPTIONAL FEATURES**

- Liners: 1/2" or 1" Cellular insulation, 1/2" or 1" Foil encapsulated fiberglass insulation, Sterilwall, Perforated doublewall, 1" Dual density fiberglass. *NOTE: 1" thick liner options are available on unit size 5 only.*
- Linear averaging airflow sensor.
- Left-hand or right-hand control enclosure.
- Upstream or downstream cooling coil connection.
- Motor toggle disconnect switch.
- Motor fusing.
- MERV 8 air filter, two per unit, unit size 1 (18 7/8"x 7 1/2" x1"), unit size 2 (18 7/8"x8 3/8"x1"), unit size 3 (18 1/2"x10"x1"), and unit size 5 (22"x14 1/2"x1").
- Dust tight control enclosure.
- Hanger brackets.
- Dual access panels with optional Cam locks.

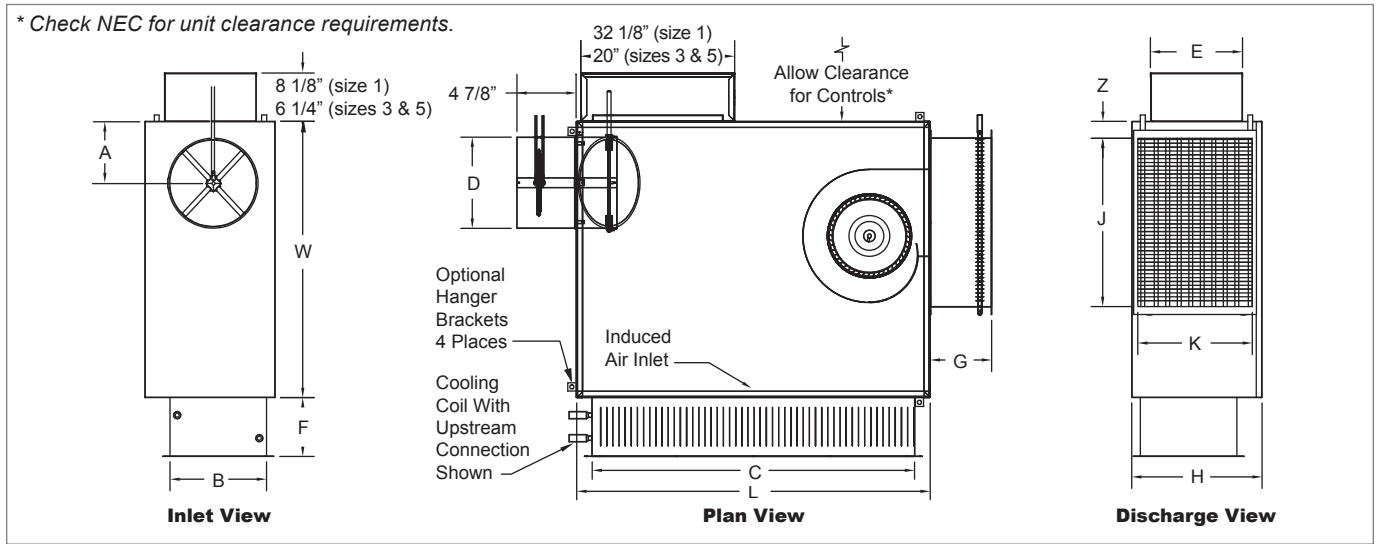
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KLPS-D

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**KLPS-D Unit with Hot Water Heat Dimensional Information**

**KLPS-D UNIT WITH HOT WATER HEAT, INLET, PLAN, AND DISCHARGE VIEWS**



**KLPS-D UNIT WITH HOT WATER HEAT, DIMENSIONAL DETAILS**

Unit Size	ECM HP	L	W	H	Cooling Coil		E	Discharge		Z	F			G	
					B	C		J	K		2 Row	4 Row	6 Row	1 Row	2 Row
1	1/3	48"	32"	8 5/8"	7 1/2"	36"	8 1/8"	20 1/2"	7 5/8"	1 1/2"	7 7/8"	7 7/8"	10"	9 1/2"	9 1/2"
2	1/3	48"	32"	9 1/2"	7 1/2"	36"	8 1/8"	20 1/2"	7 5/8"	1 1/2"	7 7/8"	7 7/8"	10"	9 1/2"	9 1/2"
3	1/3	40"	26"	11"	8 3/4"	36"	9 5/8"	21 1/8"	8 3/4"	1"	7 7/8"	7 7/8"	10"	9 1/2"	9 1/2"
5	1/2	46"	36"	17"	12 1/2"	42"	12"	22"	15"	2 1/4"	7 7/8"	7 7/8"	10"	8"	9 3/16"

Unit Size	1				2				3				5				
Inlet Size	04	05	06	07	04	05	06	07	04	05	06	07	08	06	07	08	10
A	5"	5"	5"	5"	5"	5"	5"	5"	5"	6"	5"	6"	5"	5"	6"	6"	7"
D	3 7/8"	4 7/8"	5 7/8"	6 7/8"	3 7/8"	4 7/8"	5 7/8"	6 7/8"	3 7/8"	4 7/8"	5 7/8"	6 7/8"	7 7/8"	5 7/8"	6 7/8"	7 7/8"	9 7/8"

NOTE: Left-hand base unit with electronic control enclosure shown; right-hand is available.

**KLPS-D Unit with Hot Water Heat Features & Options**

**STANDARD FEATURES**

- 20 gage galvanized steel casing construction.
- Available in unit sizes 1, 2, 3, and 5.
- Control enclosure for electronic components.
- 1/2" thick, dual density fiberglass insulation that meets NFPA 90A and UL 181 safety requirements.
- [120, 208/240, or 277 volt, single-voltage] ECM motor.
- Manual or remote adjustable speed controller.
- Removable bottom panel allows easy access to all internal components for maintenance.
- Four quadrant, center averaging airflow sensor.
- Flanged discharge connection on hot water coil.
- Includes 24 volt control transformer.
- Sensible Cooling Coil factory installed on induced air inlet with drip tray.
- Construction type air filter, two per unit, unit size 1 (18 7/8"x7 1/2"x1"), unit size 2 (18 7/8"x8 3/8"x1"), unit size 3 (18 1/2"x10"x1"), unit size 5 (22"x14 1/2"x1").
- ETL listed; adherence to UL 1995 and CSA C22.2 No. 236.95.

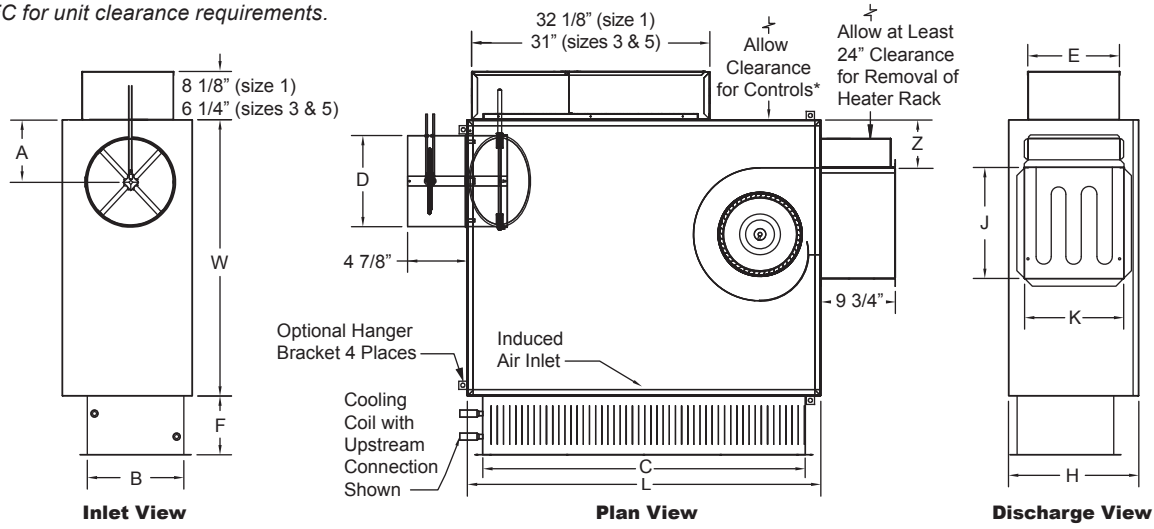
**OPTIONAL FEATURES**

- Liners: 1/2" or 1" Cellular insulation, 1/2" or 1" Foil encapsulated fiberglass insulation, Sterilwall, Perforated doublewall, 1" Dual density fiberglass. *NOTE: 1" thick liner options are available on unit size 5 only.*
- Linear averaging airflow sensor.
- Left-hand or right-hand control enclosure.
- Left-hand or right-hand hot water coil connection.
- Upstream or downstream cooling coil connection.
- Motor toggle disconnect switch.
- Motor fusing.
- MERV 8 air filter, two per unit, unit size 1 (18 7/8"x7 1/2"x1"), unit size 2 (18 7/8"x8 3/8"x1"), unit size 3 (18 1/2"x10"x1"), and unit size 5 (22"x14 1/2"x1").
- Dust tight control enclosure.
- Hanger brackets.
- Dual access panels with optional Cam locks.

**KLPS-D Unit with Electric Heat Dimensional Information**

**KLPS-D UNIT WITH ELECTRIC HEAT, INLET, PLAN, AND DISCHARGE VIEWS**

\* Check NEC for unit clearance requirements.



**KLPS-D UNIT WITH ELECTRIC HEAT, DIMENSIONAL DETAILS**

Unit Size	ECM HP	L	W	H	Cooling Coil		E	Discharge		Z	F		
					B	C		J	K		2 Row	4 Row	6 Row
1	1/3	48"	32"	8 5/8"	7 1/2"	36"	8 1/8"	10 1/2"	7 3/4"	1 1/8"	7 7/8"	7 7/8"	10"
2	1/3	48"	32"	9 1/2"	7 1/2"	36"	8 1/8"	10 1/2"	7 3/4"	1 1/8"	7 7/8"	7 7/8"	10"
3	1/3	40"	26"	11"	8 3/4"	36"	9 5/8"	10 1/2"	8 3/8"	1 1/8"	7 7/8"	7 7/8"	10"
5	1/2	46"	36"	17"	12 1/2"	42"	12"	14 1/2"	12 7/8"	6 1/4"	7 7/8"	7 7/8"	10"

Unit Size	1				2				3				5				
Inlet Size	04	05	06	07	04	05	06	07	04	05	06	07	08	06	07	08	10
A	5"	5"	5"	5"	5"	5"	5"	5"	5"	6"	5"	6"	5"	5"	6"	6"	7"
D	3 7/8"	4 7/8"	5 7/8"	6 7/8"	3 7/8"	4 7/8"	5 7/8"	6 7/8"	3 7/8"	4 7/8"	5 7/8"	6 7/8"	7 7/8"	5 7/8"	6 7/8"	7 7/8"	9 7/8"

NOTES: Left-hand base unit with electronic control enclosure shown; right-hand is available. See page B2-97 for electric heat standard features.

**KLPS-D Unit with Electric Heat Features & Options**

**STANDARD FEATURES**

- 20 gage galvanized steel casing construction.
- Available in unit sizes 1, 2, 3, and 5.
- Control enclosure for electronic components.
- 1/2" thick, dual density fiberglass insulation that meets NFPA 90A and UL 181 safety requirements.
- [120, 208/240, or 277 volt, single-voltage] ECM motor.
- Manual or remote adjustable speed controller.
- Removable bottom panel allows easy access to all internal components for maintenance.
- Four quadrant, center averaging airflow sensor.
- Flanged discharge connection on electric heat coil.
- Single point electrical connection.
- Includes 24 volt control transformer.
- Sensible Cooling Coil factory installed on induced air inlet with drip tray.
- Construction type air filter, two per unit, unit size 1 (18 7/8"x7 1/2"x1"), unit size 2 (18 7/8"x8 3/8"x1"), unit size 3 (18 1/2"x10"x1"), unit size 5 (22"x14 1/2"x1").
- ETL listed; adherence to UL 1995 and CSA C22.2 No. 236.95.

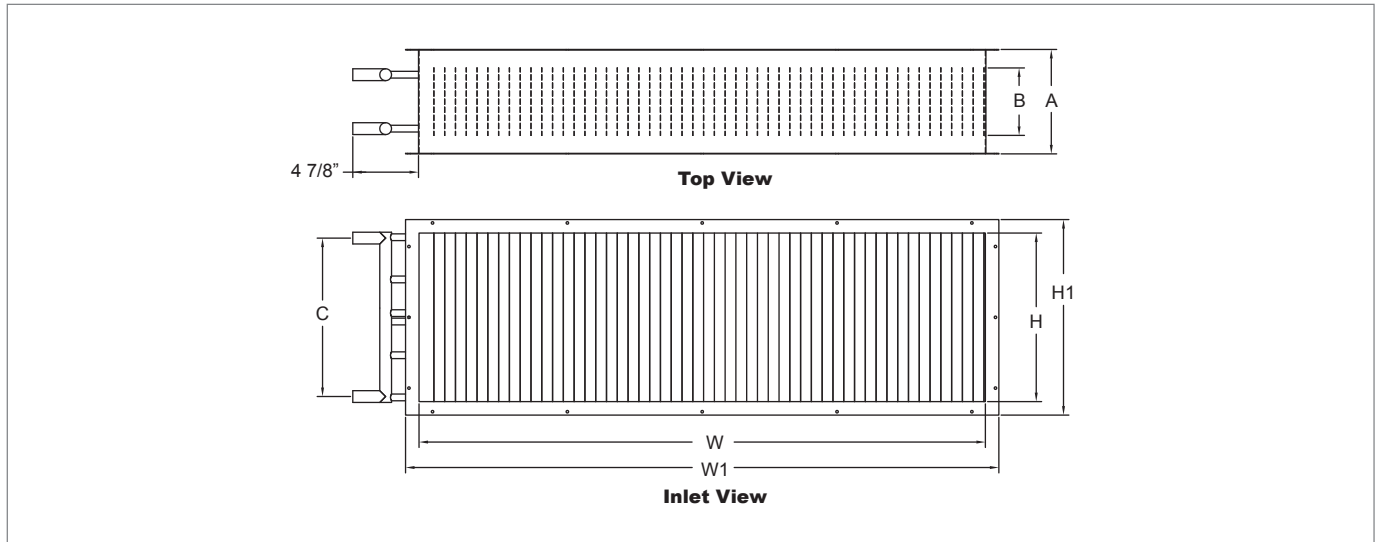
**OPTIONAL FEATURES**

- LineaHeat solid state electronic controlled heater with or without leaving air temperature control.
- Liners: 1/2" or 1" Cellular insulation, 1/2" or 1" Foil encapsulated fiberglass insulation, Sterilwall, Perforated doublewall, 1" Dual density fiberglass. *NOTE: 1" thick liner options are available on unit size 5 only.*
- Linear averaging airflow sensor.
- Left-hand or right-hand control enclosure.
- Upstream or downstream cooling coil connection
- **MERV 8 air filter, two per unit, unit size 1 (18 7/8"x7 1/2"x1"), unit size 2 (18 7/8"x8 3/8"x1"), unit size 3 (18 1/2"x10"x1"), and unit size 5 (22"x14 1/2"x1").**
- Fused or non-fused door interlocking disconnect.
- Dust tight control enclosure.
- Hanger brackets.
- Motor fusing.
- AC Solid State Relays.
- Manual reset cutout.
- Fuse-block.
- Dual access panels with optional Cam locks.

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**KLPS-D Cooling Water Coil Dimensional Information**
**KLPS-D COOLING WATER COIL, PLAN AND FRONT VIEWS**

**KLPS-D COOLING WATER COIL, DIMENSIONAL DETAILS**

Unit Size	Number of Rows	W	H	W1	H1	A	B	C
1	2	36"	$7\frac{1}{2}$ "	38"	$7\frac{5}{8}$ "	$7\frac{7}{8}$ "	$2\frac{1}{8}$ "	$6\frac{3}{4}$ "
	4					$7\frac{7}{8}$ "	$4\frac{3}{8}$ "	
	6					10"	$6\frac{1}{2}$ "	
2	2	36"	$7\frac{1}{2}$ "	38"	$8\frac{1}{2}$ "	$7\frac{7}{8}$ "	$2\frac{1}{8}$ "	$6\frac{3}{4}$ "
	4					$7\frac{7}{8}$ "	$4\frac{3}{8}$ "	
	6					10"	$6\frac{1}{2}$ "	
3	2	36"	$8\frac{3}{4}$ "	38"	$10\frac{1}{4}$ "	$7\frac{7}{8}$ "	$2\frac{1}{8}$ "	8"
	4					$7\frac{7}{8}$ "	$4\frac{3}{8}$ "	
	6					10"	$6\frac{1}{2}$ "	
5	2	42"	$12\frac{1}{2}$ "	44"	$14\frac{1}{2}$ "	$7\frac{7}{8}$ "	$2\frac{1}{8}$ "	$11\frac{3}{4}$ "
	4					$7\frac{7}{8}$ "	$4\frac{3}{8}$ "	
	6					10"	$6\frac{1}{2}$ "	

**KLPS-D Cooling Water Coil Features**
**STANDARD FEATURES**

- Cooling coils are shipped from the factory attached to the induction inlet.
- Drip tray ships loose from the factory to be attached to the water coil in the field.
- Filter rack is shipped from the factory attached to the water coil.
- Connection Tubing:  $\frac{7}{8}$ " O. D. male solder.
- Coil Casing: 18 gage galvanized steel.
- Coil Tubing:  $\frac{1}{2}$ " O. D. x 0.016" thick copper.
- Coil Fins: 0.0045" thick aluminum, 10 per inch; mechanically bonded to tubing.

NOTES: Entering water temperature must be above dew point to prevent condensation on coil.  
 Typical design entering water temperature for cooling coil ranges from 55°F to 60°F.