

MODEL

- KLPS-D - DOAS construction, series fan powered terminal unit

FEATURES

- Induced inlet cooling coil for additional sensible cooling
- Four different low profile unit heights
- 20 gauge casing construction
- Direct digital controls
- Fully removable bottom access panel
- Construction induction inlet filter

MOTORS

- EC Motor - Constant airflow, pressure independent, energy efficient, electronically commutated motor
- Manual, 0-10VDC, 2-10VDC speed controller options for EC motors
- Available voltages: 120V, 208/240V, or 277V 1-phase

LINERS

- Dual Density Fiberglass - 1/2" or 1" thick
- Cellular - Fiber free, 1/2" or 1" thick
- Foil Encapsulated Fiberglass - 1/2" or 1" thick
- Steriliner - Foil faced duct board, 13/16" thick
- Sterilwall - Solid double wall with 1/2" thick dual density fiberglass
- Perforated double wall with 1/2" thick dual density fiberglass or foil encapsulated fiberglass

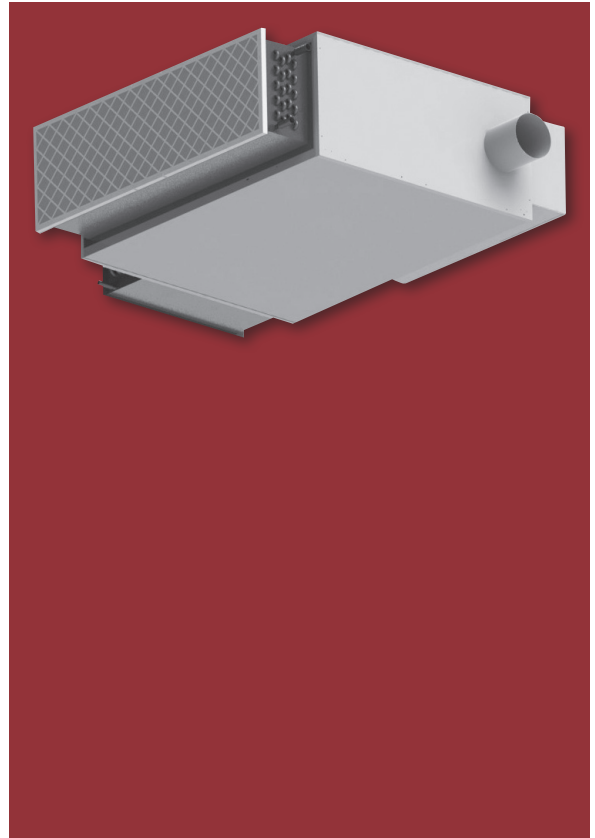
NOTE: 1" and Steriliner liners only available on unit size 5.

SENSIBLE COOLING COIL

- 1/2" O.D. copper tubes (0.016" tube wall thickness)
- 0.0045" thick aluminum, 10 FPI
- 2, 4, 6, or 8 rows of cooling
- Upstream or downstream coil connection
- Factory provided drip tray
- Vent and drain option available
- AHRI 410 certified

HOT WATER HEAT

- 1/2" O.D. copper tubes (0.016" tube wall thickness)
- 0.0045" thick aluminum fins
- 10 or 12 FPI (fins per inch)
- 1, 2, 3, or 4 rows of heating
- Left-hand, right-hand coil connections
- Vent and drain option available
- AHRI 410 certified



TERMINAL UNITS

KLPS-D

ELECTRIC HEAT

- Up to 3 stages of electric heat
- Solid state relays available for silent operation
- Available with LineaHeat™, silent operating electronic proportional control
- Line voltage Options:
 - 120, 208/240, 277, or 480 volt (with neutral), 1-phase
 - 208 volt, 3-phase, 3-wire
 - 480 volt, 3-phase, 4-wire (with neutral)

COMPATIBLE OPTIONS AND ACCESSORIES

- Motor toggle disconnect switch
- Door interlocking disconnect switch
- Fan motor fuse
- Main line fuses
- MERV 8 induction inlet filter

CERTIFICATIONS

- AHRI 880 certified sound performance data
- ETL Listed - Adherence to UL 1995 and CSA C22.2 No. 236

WEB SEARCH: KLPS-D or DOAS



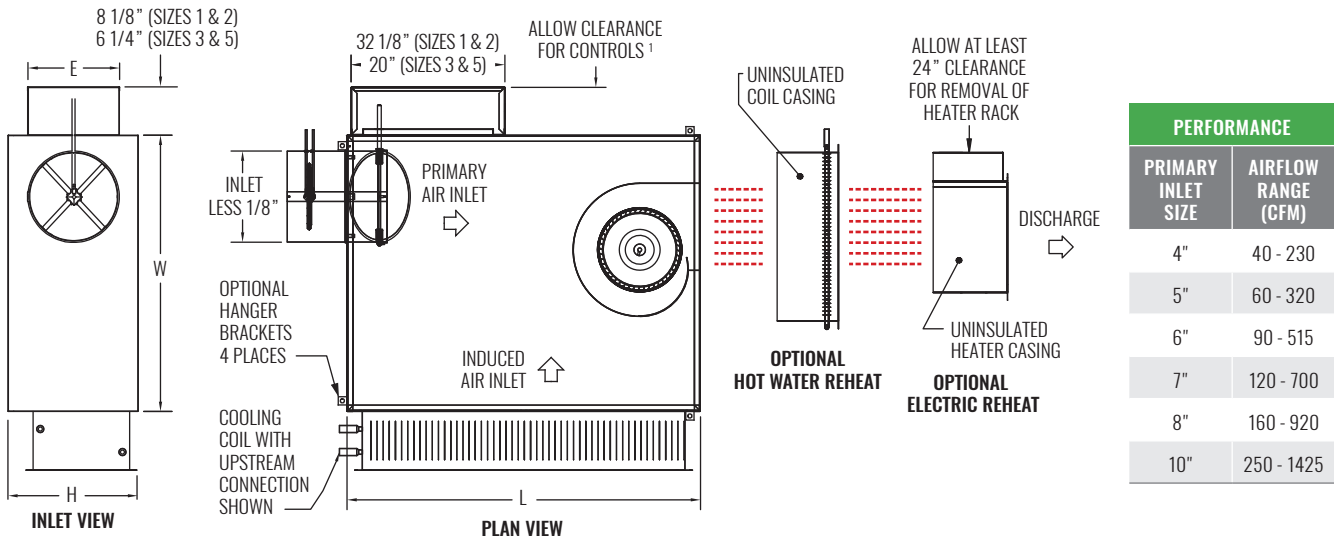
KLPS-D

Low Profile Fan Powered Terminal Unit, Series Flow, DOAS



TERMINAL UNITS

DIMENSIONAL DATA



NOTES: Left-hand unit with electronic control enclosure shown; right-hand is available. Discharge requires flanged duct; connection by others. See table below for dimensional references.

¹ Check NEC for unit clearance requirements.

PERFORMANCE	
PRIMARY INLET SIZE	AIRFLOW RANGE (CFM)
4"	40 - 230
5"	60 - 320
6"	90 - 515
7"	120 - 700
8"	160 - 920
10"	250 - 1425

KLPS-D

PERFORMANCE AND DIMENSIONAL DATA

SIZE		PERFORMANCE					DIMENSIONS						
UNIT	AVAILABLE INLETS (in.)	FAN AIRFLOW RANGE (CFM)	NOMINAL FAN AIRFLOW (CFM)	RADIATED / DISCHARGE NC	MOTOR HP	SENSIBLE COOLING MBH	L	W	H	E	BASE UNIT DISCHARGE	HOT WATER DISCHARGE	ELECTRIC HEAT DISCHARGE
EC MOTOR													
1	4, 5, 6, 7	105 - 775	660	35 / 31	1/3	9.1	48"	32"	8 5/8"	8 1/8"	10"x5 7/8"	20 1/2"x7 5/8"	10 1/2"x7 3/4"
2	4, 5, 6, 7	135 - 875	745	37 / 35	1/3	10	48"	32"	9 1/2"	8 1/8"	10"x5 7/8"	20 1/2"x7 5/8"	10 1/2"x7 3/4"
3	4, 5, 6, 7, 8	150 - 1000	850	31 / 27	1/3	11.3	40"	26"	11"	9 5/8"	9"x6 7/8"	21 1/8"x8 3/4"	10 1/2"x8 3/8"
5	6, 7, 8, 10	250 - 1625	1200	37 / 27	1/2	15.6	46"	36"	17"	12"	10"x10 5/8"	22"x15"	14 1/2"x12 7/8"

NOTES: Information shown is abbreviated. See website for complete information. Coil performance shown is with a 6 row sensible cooling coil, 57°F EWT, 4 GPM, and 20% primary air supply. Discharge sound power is the sound emitted from the unit discharge. Radiated sound power is the sound transmitted through the casing walls. All sound data is based on tests conducted in accordance with AHRI 880-11. NC application data is based on Sound Power Levels (dB, re 10⁻¹² Watts) applied to AHRI Standard 885-08 Appendix E, as a function of flow rate shown. All data points listed are application ratings outside the scope of the Certification Program.

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