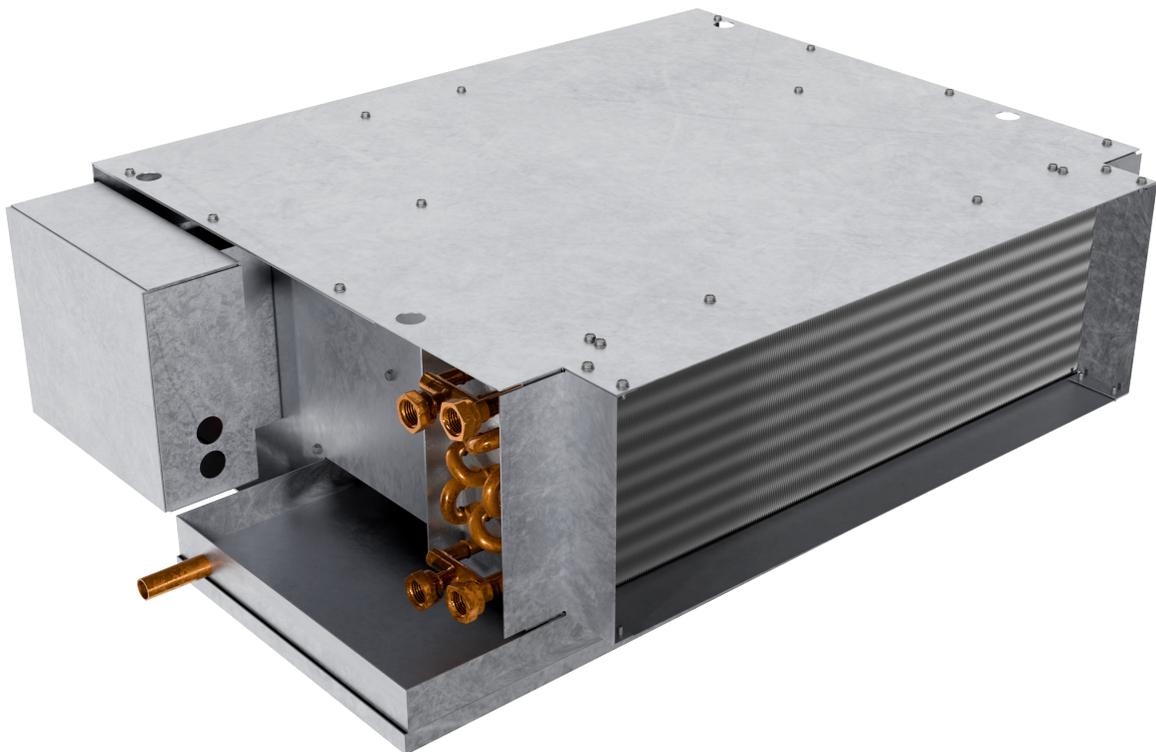




UNILUX
HVAC INDUSTRIES

LOW-PROFILE Horizontal Fan Coils



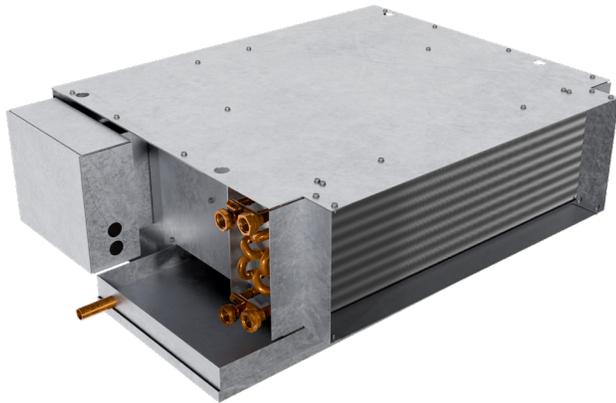
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Low-Profile Horizontal Fan Coils

Product Info

With a compact design that doesn't compromise on comfort, Unilux's line of Low-Profile Horizontal Fan Coils provides space-efficient heating and cooling for mid to high-rise residential buildings. Features include:

- Whisper-quiet heating and cooling available in 2-pipe and 4-pipe configurations.
- Easy ceiling installation.
- Available in multiple sizes and capacities.
- 24V AC control.
- ECM motors increase efficiency and durability.
- Advanced safety sensors help prevent water damage.

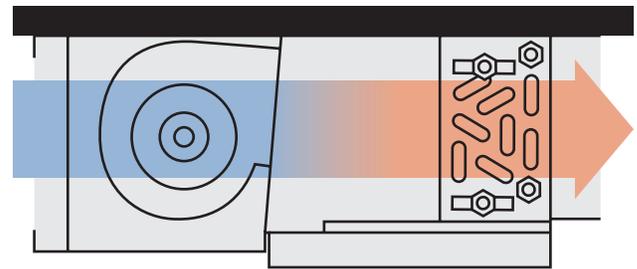


Dimensions

Model	Dimensions in Inches		
	Width	Height	Depth
LLE/LSC 200	29.25	9.375	22.5
LLE/LSC 300			
LLE/LSC 400	45.125	9.375	22.5
LLE/LSC 600			
LLE/LSC 800	68.25	9.375	22.5
LLE/LSC 1000			
LLE/LSC 1200			

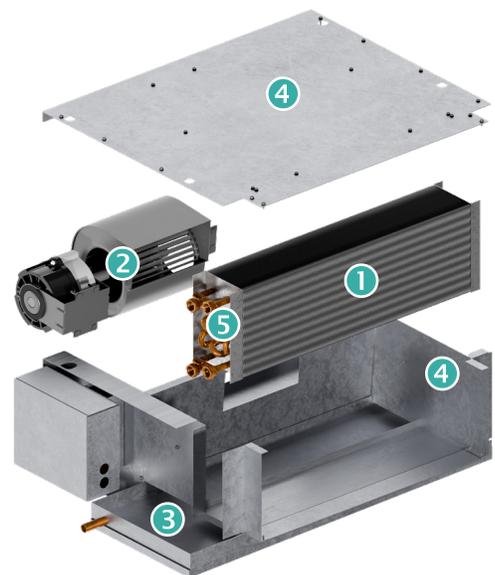
Mounting Configuration

Ceiling-mountable with horizontal airflow.



Parts & Assembly

- 1 Hydronic coil features aluminium fins mechanically bonded to copper tubing.
- 2 Centrifugal blower & motor assembly featuring an energy efficient ECM motor.
- 3 All-welded stainless steel condensate drain pan with positive drainage and overflow sensor. Optional extended drip tray.
- 4 Galvanized steel cabinet.
- 5 Easy hydraulic connections with 3/4" NPT.



Performance Schedule

Two-Pipe Low-Profile Fan Coils

Model	Tag	Total Cooling Capacity & Coil Performance											
		Supply Air	No. of Rows	Water Flow	EAT °F		LAT °F		EWT	LWT	Total Cool Cap.	Sense. Cool Cap.	WPD
		CFM		GPM	db	wb	db	wb	°F	°F	MBH	MBH	FT
LLE 200	HFC-1	199	3	1.00	80	67	57	57	45	58	6.4	4.8	1.6
LLE 300	HFC-2	298	3	1.50	80	67	58	57	45	57	9.0	6.9	3.2
LLE 400	HFC-3	399	3	2.00	80	67	57	57	45	58	12.7	9.7	1.3
LLE 600	HFC-4	598	4	3.00	80	67	56	56	45	59	20.7	15.3	3.5
LLE 800	HFC-5	799	4	4.00	80	67	55	55	45	60	29.3	21.2	3.0
LLE 1000	HFC-6	999	4	5.00	80	67	56	56	45	59	35.6	26.0	4.4
LLE 1200	HFC-7	1,198	4	6.00	80	67	56	56	45	59	41.4	30.5	6.0

Model	Tag	Total Heating Capacity & Coil Performance									
		Supply Air	No. of Rows	Water Flow	EAT	LAT	EWT	LWT	Total Heat Cap.	WPD	
		CFM		GPM	°F	°F	°F	°F	MBH	FT	
LLE 200	HFC-1	199	3	1.00	70	157	180	141	18.7	1.2	
LLE 300	HFC-2	298	3	1.50	70	152	180	144	26.3	2.3	
LLE 400	HFC-3	399	3	2.00	70	157	180	141	37.5	0.9	
LLE 600	HFC-4	598	4	3.00	70	160	180	140	58.5	2.6	
LLE 800	HFC-5	799	4	4.00	70	164	180	138	81.2	2.2	
LLE 1000	HFC-6	999	4	5.00	70	161	180	139	98.6	3.2	
LLE 1200	HFC-7	1,198	4	6.00	70	159	180	140	115.4	4.4	

Four-Pipe Low-Profile Fan Coils

Model	Tag	Total Cooling Capacity & Coil Performance											
		Supply Air	No. of Rows	Water Flow	EAT °F		LAT °F		EWT	LWT	Total Cool Cap.	Sense. Cool Cap.	WPD
		CFM		GPM	db	wb	db	wb	°F	°F	MBH	MBH	FT
LSC 200	HFC-1	197	3	1.50	80	67	55	55	45	55	7.5	5.2	3.2
LSC 300	HFC-2	295	3	2.00	80	67	57	56	45	55	10.0	7.3	5.3
LSC 400	HFC-3	394	3	3.00	80	67	55	55	45	55	14.9	10.5	2.6
LSC 600	HFC-4	591	4	4.00	80	67	56	56	45	56	21.2	15.4	1.9
LSC 800	HFC-5	790	4	5.00	80	67	55	55	45	57	30.2	21.4	2.0
LSC 1000	HFC-6	988	4	6.00	80	67	55	55	45	57	36.1	26.0	2.7
LSC 1200	HFC-7	1,184	4	7.00	80	67	56	56	45	57	41.5	30.4	3.6

Model	Tag	Total Heating Capacity & Coil Performance									
		Supply Air	No. of Rows	Water Flow	EAT	LAT	EWT	LWT	Total Cool Cap.	Sense. Cool Cap.	WPD
		CFM		GPM	°F	°F	°F	°F	MBH	MBH	FT
LSC 200	HFC-1	197	1	0.45	80	55	45	55	7.5	5.2	3.2
LSC 300	HFC-2	295	1	0.60	80	57	45	55	10.0	7.3	5.3
LSC 400	HFC-3	394	1	1.00	80	55	45	55	14.9	10.5	2.6
LSC 600	HFC-4	591	2	2.00	80	56	45	56	21.2	15.4	1.9
LSC 800	HFC-5	790	2	3.00	80	55	45	57	30.2	21.4	2.0
LSC 1000	HFC-6	988	2	3.50	80	55	45	57	36.1	26.0	2.7
LSC 1200	HFC-7	1,184	2	4.00	80	56	45	57	41.5	30.4	3.6

Standard Features Model LLE/LSC

All horizontal fan coil units receive special inspections to ensure they meet UL 1995 / CSA 22.2 #236 - Issue 2011 standard for both heating and cooling.

1. Cabinet

20-gauge galvanized steel contains for all exterior components and 18-gauge for interior components and is designed to be wall or ceiling mounted.

2. Coil Assembly

Coils corrugated aluminum fins mechanically bonded to ½" OD copper tube. Rows and circuiting to be selected to suit scheduled capacities. Coils are rated for a minimum working pressure of 450 psig.

3. Fan Assembly

A thermally-protected, multi-speed ECM motor is resiliently mounted to a dual Inlet blower fan.

4. Piping Branches

Includes shut-off ball valves with flare nuts in the supply and return branches for easy removal.

5. Control Valve Package (Optional)

Factory assembled 2-way control valve package for 2-pipe or 4-pipe units with flare nut connection to piping branches facilitate easy removal without using torch or pipe cutters. 6-Way Valve piping package are available.

Optional drip tray available for valve packages.

6. Insulated Drain Pan

Stainless steel primary drain pan insulated on the underside.

7. Electrical Requirements

115/208 vac, 60 hz, 155 watts.

8. Thermostat Control

Simple ON/OFF or modulating control available. Modulating control requires a multi-speed switch for fan speed operation.

9. Warranty

Limited 2-year warranty.



Our ever-improved, state-of-the-art designs are demanded by today's best developers, engineers and owners. Contact us to learn why Unilux HVAC is the preferred choice of professionals throughout North America for residential and commercial HVAC solutions.

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