FHC

LOW PROFILE UNIT COOLERS

Refrigerants

BENEFITS

- Energy-efficient
- EC fan motors
- Compact design
- Low noise operation
- Air, electric and hot-gas defrost

c UL us LISTED

NSF

AWEF ready

LU-VE GROUP leadership with passion

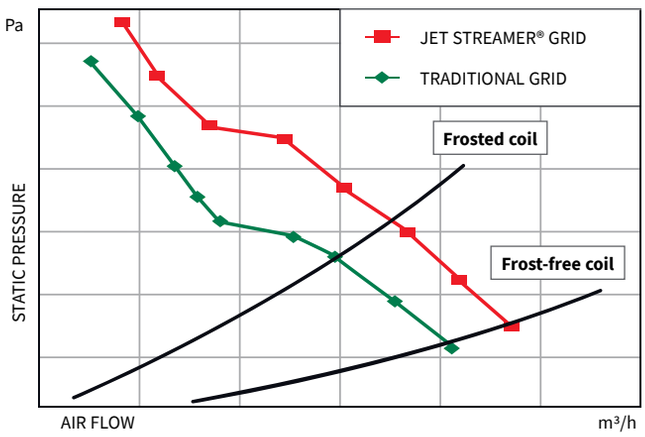
Highlights

Versatile range and capacities
The product line includes three sizes with configurations ranging from 1 to 4 fans, delivering capacities from 3,900 to 58,000 BTU/h and airflow from 560 to 6,062 CFM. This versatility makes them suitable for a wide range of commercial applications, from small walk-in coolers to larger storage spaces.

Durable construction and hygienic design
LU-VE low profile unit coolers are built with corrosion-resistant galvanized steel casings, powder-coated in brilliant white for a sleek, modern appearance. The compact design simplifies cleaning and ensures hygiene, while an inner drain tray prevents external condensation. These features make them ideal for environments requiring strict cleanliness and operational reliability.

High-efficiency heat exchanger technology
The evaporators feature LU-VE's proprietary **TURBOCOIL** heat exchanger, which incorporates TURBOFIN aluminum fins and small-diameter copper tubes with internal helical grooving. This design achieves the highest heat transfer coefficient, reduces frost buildup, and ensures maximum efficiency. The range supports applications for both coolers and freezers, offering models with 4 and 6 FPI (Fins Per Inch) to match specific cooling requirements.

Compactness and enhanced defrost efficiency
The evaporators' compact size, combined with the advanced coil design, results in efficient space utilization and short defrost cycles. This ensures minimal downtime and consistent performance, providing an optimal solution for modern refrigeration needs.



Advanced fan technology
LU-VE low profile unit coolers feature **electronically commutated (EC) fan motors**, known for their **high efficiency, low noise, and minimal power consumption**. The fan motors are available with 115/1-phase and 208-240/1-phase power supply options, and are both statically and dynamically balanced for optimal performance. Models such as the F31 and F35 are equipped with the patented **JET-STREAMER** fan directional grid, an innovation developed in LU-VE laboratories. This grid ensures uniform airflow distribution across the heat exchanger, significantly increasing airflow—even in frosted conditions—while enhancing the cooling performance.

Flexible Defrost Options and Accessories
The range is available in both **Air Defrost and Electric Defrost** configurations, with a variety of accessories to suit specific application needs. The Electric Defrost option includes high-efficiency heaters positioned inside the coil, reducing defrost time and maximizing energy efficiency. A safety thermostat prevents overheating, ensuring reliable operation.

Certified performance and energy efficiency
LU-VE's low profile unit coolers are designed to meet the rigorous demands of the North American market, offering a combination of efficiency, reliability, and compliance. These units are **UL listed** and **NSF compliant**, ensuring safety and hygiene standards. Additionally, they exceed **DOE energy requirements (AWEF)**, highlighting their superior energy performance. Compatible with a wide range of refrigerants, they support **CO_2 systems up to 85 bar, A2L refrigerants, low-GWP HFOs, HFCs, and brine systems.**

Performances

Design pressure

Refrigerant	Max working pressure
HFC*	24 bar / 348 psi
CO_2	85 bar / 1,232 psi
Brine	10 bar / 145 psi

* Fluid group 2 according to EN 378

AWEF Rating (DOE)

LU-VE evaporators meet and surpass the stringent AWEF (Annual Walk-In Energy Factor) standards set by the Department of Energy.

Medium temperature	FPI	R404A	R-448A/R449A
F27HC 25 N 4	6	9.0	9.0
F27HC 36 N 4	6	9.0	9.0
F31HC 115 N 4	6	9.0	9.0
F31HC 116 N 4	6	9.0	9.0
F31HC 125 N 4	6	9.0	9.0
F31HC 126 N 4	6	9.0	9.0
F31HC 135 N 4	6	9.0	9.0
F31HC 136 N 4	6	9.0	9.0
F31HC 146 N 4	6	9.0	9.0
F35HC 145 N 4	6	9.0	9.0
F35HC 215 N 4	6	9.0	9.0
F35HC 272 N 4	6	9.0	9.0
F35HC 323 N 4	6	9.0	9.0
F35HC 362 N 4	6	9.0	9.0
F35HC 430 N 4	6	9.0	9.0

Low temperature	FPI	R404A	R-448A/R449A
F27HC 25 E 4	6	4.15	4.15
F27HC 36 E 4	6	4.15	4.15
F31HC 115 E 4	6	4.15	4.15
F31HC 116 E 4	6	4.15	4.15
F31HC 125 E 4	6	4.15	4.15
F31HC 126 E 4	6	4.15	4.15
F31HC 135 E 4	6	4.15	4.15
F31HC 136 E 4	6	4.15	4.15
F31HC 146 E 4	6	4.15	4.15
F35HC 145 E 4	6	4.15	4.15
F35HC 215 E 4	6	4.15	4.15
F35HC 272 E 4	6	4.15	4.15
F35HC 323 E 4	6	4.15	4.15
F35HC 362 E 4	6	4.15	4.15
F35HC 430 E 4	6	4.15	4.15

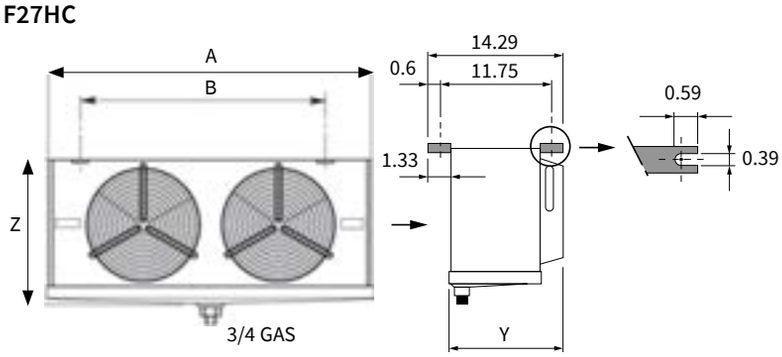
Medium temperature	FPI	R404A	R-448A/R449A
F27HC 19 N 6	4	9.0	9.0
F27HC 28 N 6	4	9.0	9.0
F31HC 215 N 6	4	9.0	9.0
F31HC 216 N 6	4	9.0	9.0
F31HC 225 N 6	4	9.0	9.0
F31HC 226 N 6	4	9.0	9.0
F31HC 235 N 6	4	9.0	9.0
F31HC 236 N 6	4	9.0	9.0
F31HC 246 N 6	4	9.0	9.0
F35HC 117 N 6	4	9.0	9.0
F35HC 174 N 6	4	9.0	9.0
F35HC 218 N 6	4	9.0	9.0
F35HC 348 N 6	4	9.0	9.0

Low temperature	FPI	R404A	R-448A/R449A
F27HC 19 E 6	4	4.15	4.15
F27HC 28 E 6	4	4.15	4.15
F31HC 215 E 6	4	4.15	4.15
F31HC 216 E 6	4	4.15	4.15
F31HC 225 E 6	4	4.15	4.15
F31HC 226 E 6	4	4.15	4.15
F31HC 235 E 6	4	4.15	4.15
F31HC 236 E 6	4	4.15	4.15
F31HC 246 E 6	4	4.15	4.15
F35HC 117 E 6	4	4.15	4.15
F35HC 174 E 6	4	4.15	4.15
F35HC 218 E 6	4	4.15	4.15
F35HC 348 E 6	4	4.15	4.15

Key features

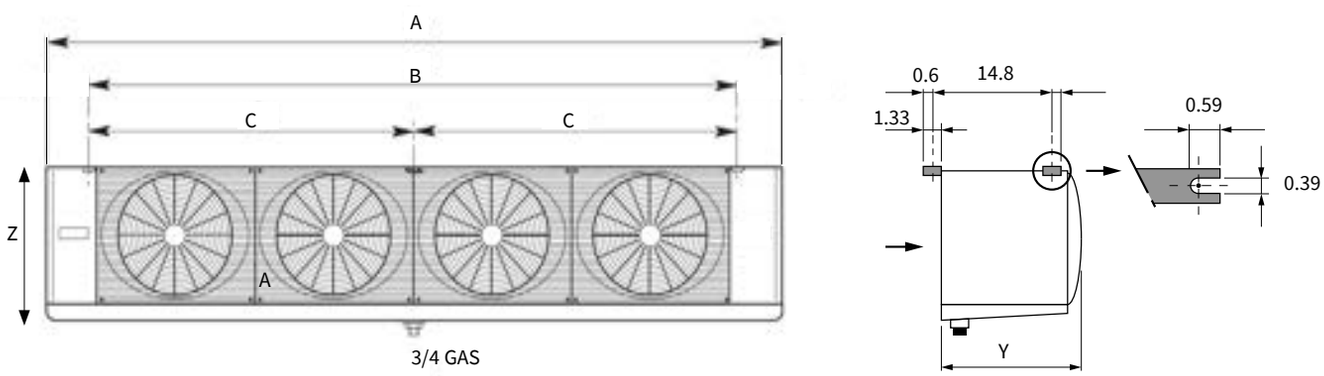
Dimensions

F27HC



Model F27HC	25-4 19-6	36-4 28-06	49-4 38-6	71-4 55-6	107-4 85-6	142-4 110-6
No. fans Ø 10 5/6	1	1	2	2	3	4
A [in]	26.69	26.69	41.26	41.26	55.83	70.39
B [in]	16.22	16.22	30.79	30.79	45.35	59.92
Z [in]	16.3	16.3	16.3	16.3	16.3	16.3
Y [in]	13	13	13	13	13	13
IN [Ø in]	3/8	1/2	1/2	1/2	1/2	1/2
OUT [Ø in]	3/8	7/8	7/8	1 1/8	1 1/8	1 1/8

F31HC - F35HC



Model F31HC	115-4 215-6	116-4 216-6	125-4 225-6	126-4 226-6	135-4 235-6	136-4 236-6	146-4 246-6
No. fans Ø 12 2/5	1	1	2	2	3	3	4
A [in]	29.92	29.92	47.64	47.64	65.35	65.35	83.07
B [in]	19.37	19.37	37.09	37.09	54.80	54.80	72.52
C [in]	-	-	-	-	-	-	-
Z [in]	16.3	16.3	16.3	16.3	16.3	16.3	16.3
Y [in]	17.73	17.73	17.73	17.73	17.73	17.73	17.73
IN [Ø in]	1/2	1/2	1/2	1/2	1/2	5/8	5/8
OUT [Ø in]	5/8	3/4	3/4	7/8	7/8	1 3/8	1 3/8

Model F35HC	73-4 59-6	106-4 84-6	145-4 117-6	215-4 174-6	272-4 218-6	323-4 261-6	362-4 290-6	430-4 348-6
No. fans Ø 13 7/8	1	1	2	2	3	3	4	4
A [in]	34.06	34.06	55.91	55.91	77.76	77.76	99.61	99.61
B [in]	23.50	23.50	45.35	45.35	67.20	67.20	89.06	89.06
C [in]	-	-	-	-	-	-	44.53	44.53
Z [in]	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
Y [in]	18.13	18.13	18.13	18.13	18.13	18.13	18.13	18.13
IN [Ø in]	1/2	1/2	1/2	5/8	5/8	5/8	5/8	7/8
OUT [Ø in]	1 1/8	1 1/8	1 1/8	1 1/8	1 3/8	1 3/8	1 5/8	1 5/8

Standard configuration

- Corrosion-resistant galvanized steel casing with a bright white powder-coated finish.
- Hinged drain tray. Removable casing for cleaning.
- High-efficiency small-diameter copper tubes with internal helical grooving.
- High-efficiency louvered aluminum fins.
- Standard fin spacing FPI 6, 4.
- 1 to 4 fans fitted with dual speed EC fan motors (115 V or 208-240 V). Fan diameter Ø 10 5/6, 12 2/5, 13 7/8.

Options

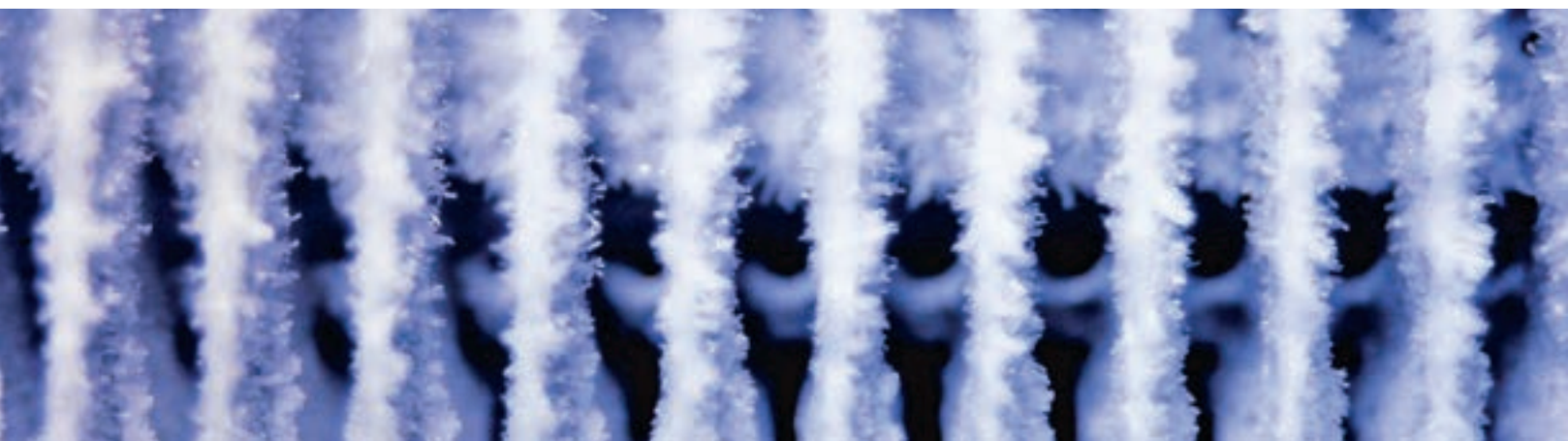
- Coil protection: pre-coated aluminium fins
- Electric defrost
- Drain tray heater
- Hot-gas defrost
- Drain tray insulation
- Suction hood
- Mounted EEV, TXV and solenoid valve
- KE2 evaporator control

Electrical heaters

Model	FPI	Coil Heaters	Drain Tray defrosting heater	240V - 1Ph - 60Hz	
		[W]	[W]	MCA defrost	MOPD defrost
F27HC 25 E 4	6	1,220	200	6.1	15.0
F27HC 36 E 4	6	1,220	200	6.1	15.0
F27HC 19 E 6	4	1,220	200	6.1	15.0
F27HC 28 E 6	4	1,220	200	6.1	15.0

Model	FPI	Coil Heaters	Drain Tray defrosting heater	208-240 V - 1Ph - 60Hz 208-240 V - 3Ph - 60Hz	
		[W]	[W]	MCA defrost	MOPD defrost
F31HC 115 E 4	6	1,700	235	8.2	15.0
F31HC 116 E 4	6	2,550	235	11.8	15.0
F31HC 125 E 4	6	3,100	415	14.0	20.0
F31HC 126 E 4	6	4,450	415	20.1	30.0
F31HC 135 E 4	6	4,050	600	11.2 (3ph)	15 (3ph)
F31HC 136 E 4	6	6,075	600	16.1 (3ph)	25 (3ph)
F31HC 146 E 4	6	7,800	775	20.6 (3ph)	30 (3ph)
F31HC 215 E 6	4	1,700	235	8.2	15.0
F31HC 216 E 6	4	2,550	235	11.8	15.0
F31HC 225 E 6	4	3,100	415	14.0	20.0
F31HC 226 E 6	4	4,450	415	20.1	30.0
F31HC 235 E 6	4	4,050	600	11.2 (3ph)	15 (3ph)
F31HC 236 E 6	4	6,075	600	16.1 (3ph)	25 (3ph)
F31HC 246 E 6	4	7,800	775	20.6 (3ph)	30 (3ph)

Model	FPI	Coil Heaters	Drain Tray defrosting heater	208-240 V - 1Ph - 60Hz 208-240 V - 3Ph - 60Hz	
		[W]	[W]	MCA defrost	MOPD defrost
F35HC 215 E 4	6	4,800	480	22.4	30.0
F35HC 430 E 4	6	9,000	940	23.9 (3ph)	30 (3ph)
F35HC 117 E 6	4	3,200	480	15.6	20.0
F35HC 261 E 6	4	6,900	720	18.3 (3ph)	25 (3ph)
F35HC 290 E 6	4	9,000	940	23.9 (3ph)	30 (3ph)
F35HC 348 E 6	4	9,000	940	23.9 (3ph)	30 (3ph)



Cooling capacities

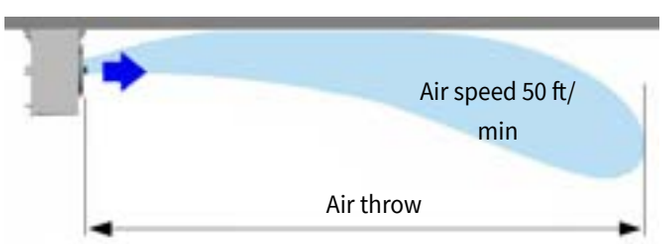
Cooling capacities as given in tables are nominal capacities for wet conditions in compliance with the EN328:2014 regulation.

Refrigerant	Application	Temperature	Operating conditions					
			Relative Humidity	Room Temperature	Saturated suction temperature	Superheating	Liquid temperature	DT1
			%	°F	°F	°F	°F	°F
CO_2	Direct expansion DX	Medium	85	35	25	6.5	70	10
		Low	95	-10	-20	6.5	40	10

Refrigerant	Application	Temperature	Operating conditions					
			Relative Humidity	Room Temperature	Saturated suction temperature	Superheating	Liquid temperature	DT1
			%	°F	°F	°F	°F	°F
Freon (R404A, R448A)	Direct expansion DX	Medium	85	35	25	6.5	90	10
		Low	95	-10	-20	6.5	50	10

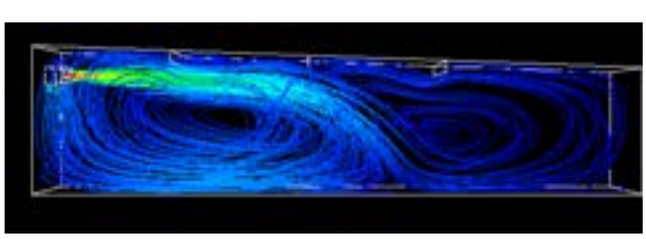
Air throw

The values given in the tables are for ceiling mounted coolers at t=70 °F, an unrestrained air flow in the cold room and a minimal air speed of 50 ft/min at the given air throw distance. The height and air circulation of the room may influence the air throw.



Sound pressure dB(A)

Sound pressure are sound pressure levels in dB(A) in free field conditions at 33 ft distance.
Values may deviate depending on situations at site.



Code description

F35HC	*	1602	E	4	*	*
1	2	3	4	5	6	7

1 Low profile unit coolers
Fan diameter (27=Ø 10 ⅝, 31=Ø 12 ⅖, 35=Ø 13 ⅞)
2 Refrigerant system (blank=HFC, W=brine, in case of CO_2 see pos. 6)
3 Model type
4 Defrost system (N=air defrost, E=electric defrost)
5 Fin spacing (4=FPI 6, 6=FPI 4)
6 Application (DX CO_2=direct expansion for CO_2)
7 Circuits code - only for brine units

Fan diameter 10 ⅝							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @25 °F S.T. 10 °F TD [BTU/h]				FAN DATA		115 V / 60Hz EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F27HC 25 N 4	3,800	3,650	4,500	4,500	1	530 (900)	0.29	0.4	15
F27HC 36 N 4	4,850	4,600	5,700	5,750	1	530 (900)	0.29	0.4	15

Fan diameter 12 ⅖							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @25 °F S.T. 10 °F TD [BTU/h]				FAN DATA		115-240 V / 60Hz Dual Speed* EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F31HC 115 N 4	6,950	6,650	8,200	8,250	1	942 (1,600)	0.7	0.9	15
F31HC 116 N 4	8,600	8,200	10,150	10,250	1	824 (1,400)	0.7	0.9	15
F31HC 125 N 4	14,250	13,600	16,750	16,900	2	1,883 (3,200)	1.4	1.6	15
F31HC 126 N 4	17,150	16,400	20,250	20,400	2	1,648 (2,800)	1.4	1.6	15
F31HC 135 N 4	21,050	20,100	24,850	25,000	3	2,825 (4,800)	2.1	2.3	15
F31HC 136 N 4	26,300	25,150	31,100	31,350	3	2,472 (4,200)	2.1	2.3	15
F31HC 146 N 4	34,800	33,300	41,050	41,400	4	3,296 (5,600)	2.8	3	15

Fan diameter 13 ⅞							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @25 °F S.T. 10 °F TD [BTU/h]				FAN DATA		208-230 V / 60Hz - EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F35HC 145 N 4	22,300	21,300	26,300	26,500	2	3,061 (5,200)	2.6	2.9	15
F35HC 215 N 4	27,750	26,550	32,750	33,050	2	2,825 (4,800)	2.6	2.9	15
F35HC 272 N 4	38,150	36,500	45,050	45,450	3	4,385 (7,450)	3.9	4.2	15
F35HC 323 N 4	41,650	39,850	49,100	49,550	3	4,238 (7,200)	3.9	4.2	15
F35HC 362 N 4	51,250	49,000	60,450	60,950	4	5,856 (9,950)	5.2	5.5	15
F35HC 430 N 4	56,100	53,650	66,200	66,800	4	5,650 (9,600)	5.2	5.5	15

*Dual Speed EC FAN Motor: 1300 / 950 RPM

Fan diameter 10 ⅝							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @25 °F S.T. 10 °F TD [BTU/h]				FAN DATA		115 V / 60Hz EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F27HC 19 N 6	3,300	3,150	3,900	3,900	1	559 (950)	0.29	0.4	15
F27HC 28 N 6	4,250	4,050	4,950	5,000	1	559 (950)	0.29	0.4	15

Fan diameter 12 ⅖							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @25 °F S.T. 10 °F TD [BTU/h]				FAN DATA		115-240 V / 60Hz Dual Speed* EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F31HC 215 N 6	6,100	5,800	7,150	7,200	1	1,001 (1,700)	0.7	0.9	15
F31HC 216 N 6	7,800	7,450	9,200	9,250	1	883 (1,500)	0.7	0.9	15
F31HC 225 N 6	12,250	11,700	14,450	14,600	2	2,001 (3,400)	1.4	1.6	15
F31HC 226 N 6	15,550	14,850	18,300	18,500	2	1,766 (3,000)	1.4	1.6	15
F31HC 235 N 6	18,300	17,500	21,550	21,750	3	3,002 (5,100)	2.1	2.3	15
F31HC 236 N 6	23,500	22,450	27,700	27,950	3	2,649 (4,500)	2.1	2.3	15
F31HC 246 N 6	31,350	30,000	37,000	37,250	4	3,531 (6,000)	2.8	3	15

Fan diameter 13 ⅞							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @25 °F S.T. 10 °F TD [BTU/h]				FAN DATA		208-230 V / 60Hz - EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F35HC 117 N 6	18,800	17,950	22,150	22,350	2	3,119 (5,300)	2.6	2.9	15
F35HC 174 N 6	24,550	23,450	28,900	29,150	2	2,943 (5,000)	2.6	2.9	15
F35HC 218 N 6	32,900	31,450	38,800	39,100	3	4,532 (7,700)	3.9	4.2	15
F35HC 348 N 6	49,000	46,850	57,800	58,300	4	5,886 (10,000)	5.2	5.5	15

*Dual Speed EC FAN Motor: 1300 / 950 RPM

Fan diameter 10 5/8							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @-20 °F S.T. 10 °F TD [BTU/h]				FAN DATA		230-240 V / 60Hz EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F27HC 25 E 4	3,300	2,800	3,750	3,500	1	530 (900)	0.16	0.2/6.1	15/15
F27HC 36 E 4	4,200	3,550	4,750	4,450	1	530 (900)	0.16	0.2/6.1	15/15

Fan diameter 12 2/5							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @-20 °F S.T. 10 °F TD [BTU/h]				FAN DATA		115-240 V / 60Hz Dual Speed* EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F31HC 115 E 4	6,050	5,150	6,900	6,450	1	942 (1,600)	0.70	0.90	15.00
F31HC 116 E 4	7,450	6,350	8,500	7,950	1	824 (1,400)	0.70	0.90	15.00
F31HC 125 E 4	12,300	10,500	14,050	13,150	2	1,883 (3,200)	1.40	1.60	15.00
F31HC 126 E 4	14,850	12,650	17,000	15,850	2	1,648 (2,800)	1.40	1.60	15.00
F31HC 135 E 4	18,150	15,500	20,800	19,400	3	2,825 (4,800)	2.10	2.30	15.00
F31HC 136 E 4	22,700	19,400	26,050	24,300	3	2,472 (4,200)	2.10	2.30	15.00
F31HC 146 E 4	30,100	25,700	34,450	32,150	4	3,296 (5,600)	2.80	3.00	15.00

Fan diameter 13 7/8							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @-20 °F S.T. 10 °F TD [BTU/h]				FAN DATA		208-230 V / 60Hz - EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F35HC 215 E 4	24,000	20,500	27,500	25,650	2	2,825 (4,800)	2.60	2.90	15.00
F35HC 430 E 4	48,450	41,400	55,550	51,850	4	5,650 (9,600)	5.20	5.50	15.00

*Dual Speed EC FAN Moror: 1300 / 950 RPM

Fan diameter 10 5/8							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @-20 °F S.T. 10 °F TD [BTU/h]				FAN DATA		230-240 V / 60Hz EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F27HC 19 E 6	2,900	2,450	3,250	3,050	1	559 (950)	0.16	0.2/6.1	15/15
F27HC 28 E 6	3,650	3,100	4,150	3,900	1	559 (950)	0.16	0.2/6.1	15/15

Fan diameter 12 2/5							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @-20 °F S.T. 10 °F TD [BTU/h]				FAN DATA		115-240 V / 60Hz Dual Speed* EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F31HC 215 E 6	5,300	4,500	5,950	5,600	1	1,001 (1,700)	0.70	0.90	15.00
F31HC 216 E 6	6,750	5,750	7,700	7,200	1	883 (1,500)	0.70	0.90	15.00
F31HC 225 E 6	10,600	9,050	12,150	11,350	2	2,001 (3,400)	1.40	1.60	15.00
F31HC 226 E 6	13,400	11,450	15,400	14,350	2	1,766 (3,000)	1.40	1.60	15.00
F31HC 235 E 6	15,800	13,500	18,100	16,900	3	3,002 (5,100)	2.10	2.30	15.00
F31HC 236 E 6	20,300	17,350	23,250	21,700	3	2,649 (4,500)	2.10	2.30	15.00
F31HC 246 E 6	27,050	23,100	31,000	28,950	4	3,531 (6,000)	2.80	3.00	15.00

Fan diameter 13 7/8							Total Fan motor AMPS Single phase 50/60Hz		
Model	Capacity @-20 °F S.T. 10 °F TD [BTU/h]				FAN DATA		208-230 V / 60Hz - EC FAN MOTOR		
	CO_2	R404A	R407C	R448A R449A	No. fans	CFM (m³/h)	[A]	MCA	MOPD
F35HC 117 E 6	16,250	13,850	18,600	17,350	2	3,119 (5,300)	2.60	2.90	15.00
F35HC 261 E 6	31,750	27,100	36,350	33,950	3	4,414 (7,500)	3.90	4.20	15.00
F35HC 290 E 6	37,950	32,400	43,450	40,550	4	6,062 (10,300)	5.20	5.50	15.00
F35HC 348 E 6	42,300	36,150	48,450	45,250	4	5,886 (10,000)	5.20	5.50	15.00

*Dual Speed EC FAN Moror: 1300 / 950 RPM

Spare parts

A comprehensive spare parts list is available to ensure seamless maintenance and prolonged operational efficiency of our commercial evaporators.

F27HC Part Description	Code
EC Fan Motor (115 Volt)	31019070
EC Fan Motor (230 Volt)	31019059
Wire Fan Guard	30170773
Fan Blade	30087595
Defrost Heater; 540 Watt / 240 Volt (1 Fan Models)	31033133
Defrost Heater; 910 Watt / 240 Volt; (2 Fan Models)	31033135
Defrost Heater; 1,280 Watt / 240 Volt (3 Fan Models)	31033137
Defrost Heater; 1,650 Watt / 240 Volt; (4 Fan Models)	31033139
Drain Pan Assembly w/ Drain Fitting (1 Fan Models)	CF
Drain Pan Assembly w/ Drain Fitting (2 Fan Models)	CF
Drain Pan Assembly w/ Drain Fitting (3 Fan Models)	CF
Drain Pan Assembly w/ Drain Fitting (4 Fan Models)	CF
Drain Pan Fitting; 2 Piece, 3/4” MPT (Includes Gasket)	31097930
Drain Pan Heater Kit (1 Fan Models)	31033161
Drain Pan Heater Kit (2 Fan Models)	31033164
Drain Pan Heater Kit (3 Fan Models)	31033165
Drain Pan Heater Kit (4 Fan Models)	31033167
Side Access Panel (Left / Right Hand)	30084566
Defrost Termination / Fan Delay Control	31022207
Heater Safety / Hi Limit Switch	31022206

CF = Contact Factory

LU-VE reserves the right to make changes and / or modifications to our equipment in order to improve the performance or appearance of our products at any time without notice and without any obligation to previous production units. All technical characteristics are stated in the current, published product catalog.

F31HC Part Description	Code
EC Fan And Motor Assembly (115/230 Volt)	30341400
Defrost Heater; 850 Watt / 240 Volt (1 Fan Models)	31032480
Defrost Heater; 1450 Watt / 240 Volt (2 Fan Models)	31022176
Defrost Heater; 2025 Watt / 240 Volt (3 Fan Models)	31032481
Defrost Heater; 2600 Watt / 240 Volt (4 Fan Models)	31032485
Drain Pan Assembly w/ Drain Fitting (1 Fan Models)	CF
Drain Pan Assembly w/ Drain Fitting (2 Fan Models)	CF
Drain Pan Assembly w/ Drain Fitting (3 Fan Models)	CF
Drain Pan Assembly w/ Drain Fitting (4 Fan Models)	CF
Drain Pan Fitting; 2 Piece, 3/4” MPT (Includes Gasket)	31097930
Drain Pan Heater Kit (1 Fan Models)	31034200
Drain Pan Heater Kit (2 Fan Models)	31022188
Drain Pan Heater Kit (3 Fan Models)	31032481
Drain Pan Heater Kit (4 Fan Models)	31032485
Side Access Panel (Left / Right Hand)	30085032
Jet Streamer Fan Guard (All Models)	30087635
Defrost Termination / Fan Delay Control	31022207
Heater Safety / Hi Limit Switch	31022206

F35HC Part Description	Code
2 Speed EC Fan And Motor Assembly (230 Volt)	31032381
Defrost Heater; 450 Watt / 240 Volt (1 Fan Models)	31032512
Defrost Heater; 800 Watt / 240 Volt (2 Fan Models)	31022185
Defrost Heater; 1150 Watt / 240 Volt (3 Fan Models)	31032513
Defrost Heater; 1500 Watt / 240 Volt (4 Fan Models)	31032514
Drain Pan Assembly w/ Drain Fitting (1 Fan Models)	CF
Drain Pan Assembly w/ Drain Fitting (2 Fan Models)	CF
Drain Pan Assembly w/ Drain Fitting (3 Fan Models)	CF
Drain Pan Assembly w/ Drain Fitting (4 Fan Models)	CF
Drain Pan Fitting; 2 Piece, 3/4” MPT (Includes Gasket)	31097930
Drain Pan Heater Kit (1 Fan Models)	31034219
Drain Pan Heater Kit (2 Fan Models)	31033165
Drain Pan Heater Kit (3 Fan Models)	31034220
Drain Pan Heater Kit (4 Fan Models)	31034221
Side Access Panel (Left / Right Hand)	30085031
Jet Streamer Fan Guard (All Models)	30087591
Defrost Termination / Fan Delay Control	31022207
Heater Safety / Hi Limit Switch	31022206

LU-VE Group in brief

LU-VE Group is an international company consisting of 20 manufacturing facilities in 9 different countries (Italy, China, Finland, India, Poland, Czech Republic, Sweden, Russia and the USA) with a network of more than 30 sales offices in Europe, Asia, the Middle East and the USA.

LU-VE Group is one of the three major manufacturers in the world and second largest in Europe in the air heat exchanger segment.

Since 1986 LU-VE has been designing and manufacturing its products based on cutting-edge technologies in the field of industrial and commercial refrigeration and industrial air conditioning.

The LU-VE American dream!

With a focus on energy efficiency, advanced technology, and reliable performance, LU-VE unit coolers deliver outstanding value for commercial refrigeration applications in the North American market.

In 2018, LU-VE Group entered the North American market by purchasing the local manufacturer Zyklus Heat transfer Inc. Jacksonville, TX.

In 2020, a new state-of-the-art facility was built in the same area and has been operational since 2021.

LU-VE Group has recently started a major factory expansion in Jacksonville, TX with the objective to start producing air heat exchangers for the local market in the first quarter of 2026.

LU-VE Group large product portfolio is suitable for most of the refrigeration applications in North America.

ScanMe!

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