



Characteristics:

- 1) Famous American Copeland compressor; Safe, Reliabels, Stable running & durable.
- 2) Efficient four-way valve - It is very efficient in defrosting in low ambient temp
- 3) Equipped with Electronic Expansion Valve (EEV) ; Making sure the best velocity of flow. It can regulate automatically from 0 to 500 rank that make the system to run in a stable state and reduce trouble
- 4) Tube in tube heat exchanger inside with higher heat exchange efficiency than tube in shell heat exchanger used by others, with higher reliability & longer lifetime.
- 5) Green & Environment-friendly Refrigerant ;R417A
- 6) Strong Cabinet; Standard unit fabrication consists of heavy gage galvanized sheet metal cabinet construction that provides maximum strength.
- 7) Full consideration for noise control; Compressor rubber feet specially selected to reduce vibration. Specially, compressor sound jacket is available to reduce noise
- 8) Unique super energy saving controlling system can save extra 10% energy than other units in market.
- 9) Reliable Design and Strict Quality Control; All products 100% are tested and run at the factory to assure proper operation of all components and safety switches.

TECHNICAL SPECIFICATION

TECHNICAL SPECIFICATION													
Model		LWH-030C	LWH-040C	LWH-050C	LWH-070C	LWH-100C	LWH-120C	LWH-150C	LWH-200CN	LWH-250CN	LWH-300CN	LWH-400CN	LWH-500CN
Heating capacity	KW	11.4	15	19.3	25.6	39.5	46.3	57.8	75.6	95.5	115.5	150	190
	Btu/H	38912	51200	65877	87381	134826	158037	197291	258048	325974	394086	511800	648280
Rated heated water output	L/h	245	325	415	550	850	990	1240	1620	2050	2480	3225	4085
Rated outlet water temp.	°C	55											
Max outlet water temp.	°C	60											
Power	V/Ph/Hz	380~415V/3PH/ 50Hz											
Rated input power	Kw	2.7	3.5	4.5	6	9.2	10.8	13.5	17.7	22.4	26	34	43
Rated input current	Amp	12.3	7	9	12	18	21	26.3	34.5	43.6	52	68	86
Compressor type		Scroll*1	Scroll*1	Scroll*1	Scroll*1	Scroll*2	Scroll*2	Scroll*2	Scroll*2	Scroll*2	Scroll*4	Scroll*4	Scroll*4
Compressor brand		Copeland											
Throttle type		Electronic expansion valve (EEV)											
Fan type		Low noise high efficiency axial type											
Fan direction		Vertical											
Fan No		1	1	1	1	2	2	2	2	2	3	4	4
Fan Input power	W	90	250	250	250	250	550	550	750	750	550	750	750
Fan Speed	RPM	850	880	880	880	880	880	910	940	940	910	940	940
Evaporator fin type		Hydrophilic aluminium											
Evaporator tube type		Innergroove tube											
Heat exchanger type		High efficiency tube in tube heat exchanger											
Heat exchanger No.		1	1	1	1	2	2	2	2	2	4	4	4
Controller type		Intelligent & LCD											
Ambient Temperature	°C	(-10°C~+45°C)											
Refrigerant type		R417a											
Low pressure protection		Yes											
High pressure protection		Yes											
Automatic defrosting system		Yes											
Overload protection		Yes											
Noise in 1 meter	dB(A)	55	56	58	60	63	66	66	68	68	68	68	68
Water pipe size	(mm)	Rc1(DN25)	Rc1(DN25)	Rc1(DN25)	Rc1(DN25)	Rc1-1/2(DN40)	Rc1-1/2(DN40)	Rc1-1/2(DN40)	Rc2(DN50)	Rc2(DN50)	Rc2(DN50)	Rc2-1/2(DN65)	Rc2-1/2(DN65)
Water flow volume	m³/hr	2.5	3.3	4	5	8	9.5	12	15.5	19.5	24	30	39
Cabinet		Galvanized powder coated steel(Stainless steel)											
Unit Size	mm	710/810/840	855/775/1095	855/775/1095	855/775/1095	1400/810/1080	1550/845/1180	1550/845/1180	2000/1005/1865	2010/1165/2025	2315*1165*2035	2000*2010*1865	2010/2330/2025
Net Wt	Kg	105	125	155	170	300	350	400	650	750	1030	1300	1450
Price	INR	204550	222800	232550	306650	436450	528100	723100	955150	1095550	1210600	1945750	2092000

Testing condition : Heating: Ambient temp. (DB/WB): 20°C/15°C, water temp. (input/output): 15°C/55°C.