



## Modular Air Handling Unit



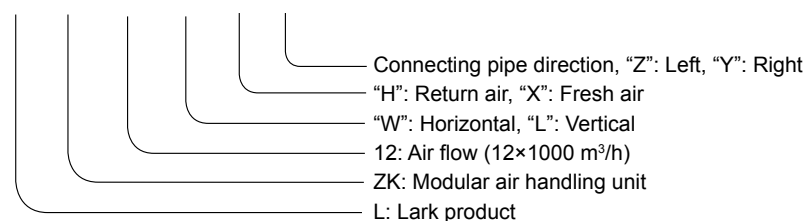
### Characteristics

- LARK's Modular Air Handling Units give you the flexibility to meet the requirements of your application, including horizontal and vertical units.
- Wide application as hotel, apartment, factory, shopping center, office building, school, etc.
- Modular design, assemble flexible, installation convenient.
- Compact, lightweight design conserves space.
- Smooth operation, low noise, and high total pressure.
- Multiple coil design.
- Chilled water evaporator coil or DX type coil with direct expansion remote condensor.
- Multiple arrangements including top discharge and side discharge.
- Good sealing, low leakage rate, high heat transfer efficiency.
- Nice appearance, corrosion resistance, convenient maintenance.



### Nomenclature

L ZK 12 W H Z



## Model of Air Handling Unit(Return Air)

Model	Air flow	Cooling capacity			Air-resistance			Water resistance			Heating capacity		Air-resistance		Water resistance	
		kW			Pa			kPa			kW		Pa		kPa	
	m³/h	4R	6R	8R	4R	6R	8R	4R	6R	8R	2R	4R	2R	4R	2R	4R
LZK3.5	3500	20.2	25.1	29.5	172	256	341	18	28	21	28.1	35.2	90	183	13	21
LZK5	5000	30.7	38.4	45.9	162	241	320	19	29	24	41.8	52.4	84	173	9	12
LZK7.5	7500	46.5	58.5	65.6	146	217	289	23	32	26	60.8	75.3	96	156	15	28
LZK10	10000	66.8	77.2	88.3	138	206	274	24	35	28	80.9	100.4	72	148	14	56
LZK13.5	13500	94.7	111.5	131.8	132	198	262	26	37	30	114.5	140.6	69	142	15	55
LZK17	17000	119.3	136.3	167.8	126	187	249	28	38	32	137.6	175.7	66	135	19	45
LZK20	20000	141.7	162.9	199.6	127	189	251	32	40	35	174.3	209.2	67	136	21	49
LZK25	25000	163.4	192.2	238.7	132	197	261	36	43	41	209.1	251.5	69	141	18	18
LZK30	30000	197.8	231.5	287.5	128	190	252	41	49	45	240.9	301.2	67	137	21	25
LZK35	35000	237.7	282.5	338.3	124	186	246	46	63	51	281.1	351.7	66	133	29	14
LZK40	40000	276.1	329.6	390.7	126	188	249	52	73	56	327.9	410.3	66	135	36	18
LZK45	45000	322.2	351.1	449.9	124	186	245	35	56	40	374.8	468.5	65	133	25	24
LZK50	50000	364.5	430.2	511.2	129	193	256	46	60	50	427.9	534.9	68	139	18	11
LZK60	60000	417.2	462.3	579.3	127	191	252	53	69	57	481.9	602.4	67	137	24	15
LZK70	70000	492.7	551.5	679.1	126	188	249	64	77	68	588.9	736.5	66	135	31	19
LZK80	80000	563.2	630.5	762.8	128	191	253	29	41	38	662.7	828.2	67	137	27	13
LZK90	90000	647.5	724.2	890.5	125	187	247	36	53	41	736.5	920.5	66	134	27	14

The data are referred to the following conditions:

Cooling: Air inlet temperature: DB27 °C /WB19.5 °C, water temperature: 7/12 °C.

Heating: Air inlet temperature: 15 °C, air outlet temperature: 39 °C(2R), air outlet temperature: 45 °C(4R),water inlet temperature: 45 °C.

## Model of Air Handling Unit(Fresh Air)

Model	Air flow	Cooling capacity			Air-resistance			Water resistance		
		kW			Pa			kPa		
	m³/h	4R	6R	8R	4R	6R	8R	4R	6R	8R
LZK3.5	3500	40.9	49.6	56.1	174	259	343	37	56	47
LZK5	5000	59.8	74.4	83.9	164	244	323	39	67	66
LZK7.5	7500	94.7	105.6	119.3	147	220	292	42	39	75
LZK10	10000	128.1	148.3	166.4	140	210	276	46	45	87
LZK13.5	13500	181.5	210.5	232.2	134	201	264	51	52	96
LZK17	17000	208.2	246.8	291.2	128	190	250	57	66	108
LZK20	20000	268.2	293.4	355.2	128	192	253	68	100	127
LZK25	25000	294.9	374.8	426.2	134	199	263	78	146	156
LZK30	30000	358.2	449.7	511.4	130	192	254	90	205	170
LZK35	35000	432.2	524.7	596.7	126	187	247	100	107	188
LZK40	40000	501.9	612.4	696.1	128	190	251	126	140	206
LZK45	45000	588.6	699.6	795.6	126	187	246	167	184	138
LZK50	50000	731.3	798.7	929.9	131	195	257	82	76	157
LZK60	60000	763.9	899.5	1071.3	129	192	253	108	98	217
LZK70	70000	948.8	1160.1	1279.9	128	189	250	127	138	226
LZK80	80000	1063.5	1305.1	1440.1	130	192	254	96	77	109
LZK90	90000	1188.6	1450.2	1584.5	126	188	248	98	82	134

The data are referred to the following conditions:

Cooling: Air inlet temperature: 34 °C/60% RH ,water temperature: 7/12 °C.