

# SISTEME DE CLIMATIZARE CHILLERE INDUSTRIALE

**CITIZEN** CLIMA®  
AIR CONDITIONING SYSTEMS

## CHILLERE FSL(R) - Air Source Modular Heat Pump Chiller

# FSL

- Modular design, simplified structure, reliable.
- Import hermetic scroll compressors, excellent performance, low noise.
- Optional coating or stainless steel plate.
- Smart dynamic defrost function.
- Suitable for -5°C~+50°C ambient temperature



### FS-L Series Performance

Model			FS-L						
Item			60	120	180	240	300	360	420
Cooling only	Cooling capacity	kw	68	136	204	272	340	408	476
Heat pump	Heating capacity	kw	66	132	198	264	330	396	462
Compressor	Type		Full hermetic compressor						
	Power	kw	10.2×2	10.2×4	10.2×6	10.2×8	10.2×10	10.2×12	10.2×14
Fan	Power	kw	0.55×2	0.55×4	0.55×6	0.55×8	0.55×10	0.55×12	0.55×14
	Speed	r.p.m	720	720	720	720	720	720	720
Coil	Water flow	m3/h	12~13	24~26	36~39	48~52	60~65	72~78	84~92
	Resistance	kPa	44~45						
	Nozzle	DN(mm)	100						
Refrigerant	Type		R407C						
	Weight	kg	24	48	72	96	120	144	168
Noise	Normal type	dB(A)	66	67	68	68.5	69	69.5	70
	Low noise type	dB(A)	64	65	66	66.5	67	67.5	68
Dimension	Width	mm	2108	2108	2108	2108	2108	2108	2108
	Depth	mm	1080	2505	3930	5355	6780	8205	9630
	Height	mm	1900	1900	1900	1900	1900	1900	1900
Power supply			380v/3Ph/50Hz						



#### Note:

1. Cooling rated condition, evaporator water inlet/outlet temperature 12°C/7°C, ambient temperature 35°C.
2. Heating rated condition, evaporator water inlet/outlet temperature 40°C/45 °C, ambient temperature 7°C(DB)/6°C(WB).
3. FS-L-(R)-120/180 have 2 kinds of combination types, single modular combination and united types, dimension in the table is for single modular unit.

