



High COP DC Inverter

Highwall HKEI XS

New



- 4 power levels: 2,65~7,10 kW.
- COP 4,26 (model 2,65 kW).
- Sine Wave Inverter Technology: 180°.
- Automatic opening of the front panel.
- Clean air function: ionizer device for air purifying.
- Self-Clean Function.
- Follow me Function.
- IR remote controller.

Indoor Unit Model			HKEI 275 XS	HKEI 365 XS	HKEI 515 XS	HKEI 685 XS
Outdoor Unit Model			HCKI 275 XS	HCKI 365 XS	HCKI 515 XS	HCKI 685 XS
Type			DC Inverter	DC Inverter	DC Inverter	DC Inverter
Capacity	Cooling	kW	2,65(0,91~3,38)	3,50(1,10~4,35)	5,30(1,50~6,46)	7,10(3,50~7,34)
	Heating	kW	3,00(0,97~3,67)	3,87(1,17~4,55)	5,70(1,56~6,75)	7,50(3,23~7,93)
Electrical data						
Power Input	Cooling	kW	0,706(0,28~1,10)	1,064(0,36~1,48)	1,572(0,45~2,30)	2,166(0,82~2,50)
	Heating	kW	0,705(0,30~1,15)	1,004(0,34~1,45)	1,525(0,44~2,10)	1,955(0,80~2,70)
EER			3,75	3,29	3,37	3,28
COP			4,26	3,85	3,74	3,84
Annual Consumption (cooling) (500h/year)		kW	353	532	786	1083
Energy Class	Cooling		A			
	Heating		A			
Power supply	Ph-V-Hz		1-220~240V-50HZ			
	I.U.-O.U.		I.U.		O.U.	
Input Rated Current (Cooling - Heating)		A	3,1 - 3,1	4,6 - 4,5	6,9 - 6,4	9,4 - 9,1
Wiring cables i.u./o.u. (without ground)		n°	3			
Refrigerant circuit						
Refrigerant Pipe Liquid/Gas side	inch.		ø6,35(1/4') - ø9,52(3/8')	ø6,35(1/4') - ø12,70(1/2')		ø9,52(3/8') - ø15,88(5/8')
Max splitting distance indoor/outdoor	m		20		25	
Max splitting level difference (out.-ind./ind.-out.)	m		8		10	
Refrigerant Precharge	Kg		1,10		1,18	1,95
MAX Splitting with Refrigerant Precharge	m		5			
Additional Refrigerant Charge	g/m		20		40	
Temperature range cooling	°C		+18°C ~ +50°C			
Temperature range heating	°C		-15°C ~ +34°C			
Indoor Unit specifications						
Indoor Unit	Dimension (WxHxD)	mm	845x286x165		995x292x194	1080x320x200
	Net	Kg	10		11	14
Indoor Noise level 1 m (Hi/Mi/Lo)		dB(A)	38/34/29	39/35/29	42/37/33	47/39/36
Indoor Noise level 2,5 m (Hi/Mi/Lo)		dB(A)	30/26/21	31/27/21	34/29/25	39/31/28
Indoor air flow (Hi/Mi/Lo)		m³/h	650/500/420	680/520/400	800/700/600	1150/1080/960
Drain hose diameter		mm	ø16			
Remote Controller (st. equipment)		type	IR Wireless			
Outdoor Unit Specifications						
Outdoor Unit	Dimension (WxHxD)	mm	760x590x285		845x695x335	
	Net	Kg	38	39	40	58
Max noise level 1 - 2,5 m		dB(A)	54 - 46		56 - 48	58 - 50
Max air flow		m³/h	2000		2200/3000	