

			IRP09WIDU	IRP12WIDU	IRP18WIDU	IRP24WIDU
Cooling						
Capacity	Nominal (Min-Max)	Btu/h	9215(2390-11600)	10920(2730-12965)	16719(4435-18766)	21150(4430-25250)
	Nominal	kW	2.70	3.5	4.9	6.20
	Range(Min-Max)	kW	(0.7-3.4)	(0.6-3.8)	4.9(1.3-5.5)	(1.30-7.40)
Energy Efficiency	SEER		6.5	6.1	6.10	6.70
Energy Efficiency	EER		3.23	2.94	2.50	3.10
Energy Class			A++	A++	A++	A++
Pdesign Capacity		kW	2.70	3.2	4.9	6.20
Power Input	Nominal	kW	0.84	1.19	1.960	2.000
Power Input	Range (Min-Max)	kW	(0.3-1.2)	(0.3-1.3)	(0.4-2.1)	(0.40-2.20)
Annual Energy Consumption		kWh/a	145	184	281	324
Operating Limits	Min-Max	°C	-20-43°C(out)	-20-43°C(out)	-20-43°C(out)	-20-43°C(out)
Heating						
Capacity	Nominal (Min-Max)	Btu/h	9895(2390-12285)	11945(2390-13650)	16719(4435-18766)	21500(4770-25590)
Capacity	Nominal	kW	2.9	3.9	4.9	6.30
Capacity	Range(Min-Max)	kW	(0.7-3.6)	(0.7-4.0)	(1.3-5.5)	(1.40-7.50)
Energy Efficiency	SCOP		4.0	4	4.0	4.00
Energy Efficiency	COP (Mild)		3.71	2.74	3.5	3.61
Energy Efficiency	SCOP (Warm/Cold)		5.10/-	5.1/-	5.10/-	5.10/-
Energy Class	Mild/Warm/Cold		A+/A+++/-	A+/A+++/-	A+/A+++/-	A+/A+++/-
Pdesign Capacity (-10°C)		kW	2.6	3	3.6	4.60
Power Input	Nominal	kW	0.78	1.42	1.400	1.745
Power Input	Range(Min-Max)	kW	(0.3-1.4)	(0.4-1.6)	(0.4-2.1)	(0.60-2.30)
Annual Energy Consumption		kWh/a	910	1050	1260	1610
Operating Limits		°C	-20-24°C(out)	-20-24°C(out)	-20-24°C(out)	-20-24°C(out)
Power Supply	Ph/V/Hz		1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
	Position		outdoor	outdoor	outdoor	outdoor
Indoor						
Net Dimension	W/D/H	mm	805*292*199	805*292*199	875*304*212	975/220/318
Package Dimension	W/D/H	mm	876*365*272	876*365*272	945*390*296	1050/397/301
Net/Shipping Weight		kg	8.8/10.9	8.8/10.9	10.0/12.4	11.6/14.4
Air Flow (Cooling/Heating)	Max	m³/h	550/550	650/550	810/730	1100/1000
Sound Power Level	Cooling (Hi)	dB(A)	57	59	60	64
	Heating (Hi)	dB(A)	57	59	60	64
Sound Pressure Level	Cooling (Hi/Mid/Lo/So)	dB(A)	38/34/29/19	43/39/34/28	44/41/37/32	47/45/37/29
	Heating (Hi/Mid/Lo/So)	dB(A)	37/33/29/19	43/39/34/28	42/38/35/32	47/45/37/29
Moisture Removal		10-3m³/t	1.2		2.0	2.8
Outdoor						
Compressor			RECHI	HIGHLY	HIGHLY	HIGHLY
Net Dimension	W/D/H	mm	700*245*544	700*245*544	800*280*553	800/280/553
Package Dimension	W/D/H	mm	819*320*592	819*320*592	902*375*614	902/375/614
Net/Shipping Weight		kg	21.5/23.9	22.0/24.6	29/32	32.7/36.5
Air Flow (Cooling/Heating)	Max	m³/h	2100	2500	2200	2500/2500
Sound Power Level	Hi	dB(A)	62	64	65	68
Sound Pressure Level	Hi	dB(A)	50	50	54	57
Running Current	Max	A	6.40	7.3	9.1	10.5
Refrigerant Type	R410a/R32		R32	R32	R32	R32
Refrigerant Charge	R410a/R32	g	510	510	830	900
Refrigerant Pipe	Liquid Side Diameter	mm	6.35	6.35	6.35	6.35
	Gas Side Diameter	mm	9.52	9.52	12.7	12.7
	Max Pipe Length/Height	m	20/10	20/10	20/10	25/15
	Max Pipe Length without Additional Charge	m	5	5	7	7
	Additional Charge	g/m	20	20	20	20