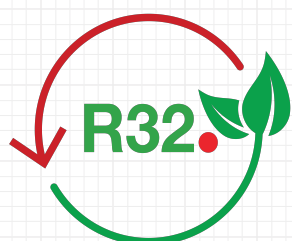
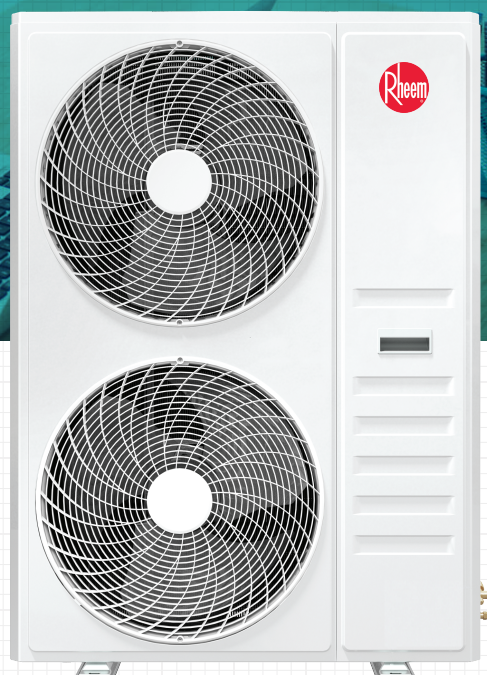
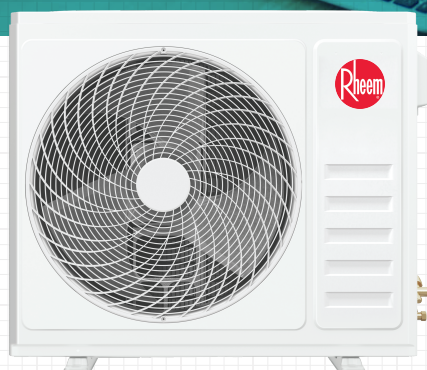
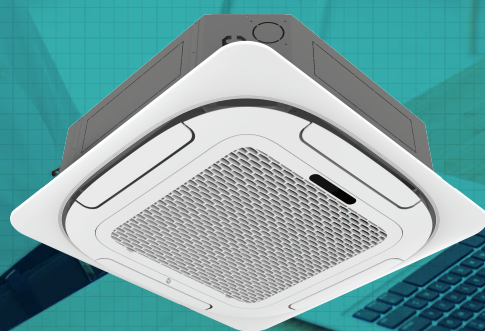




engineered for life™



Cassette Inverter Series (R32)



360° INSTALLABILITY® • 360° SERVICEABILITY® • 360° PERFORMANCE®

R32



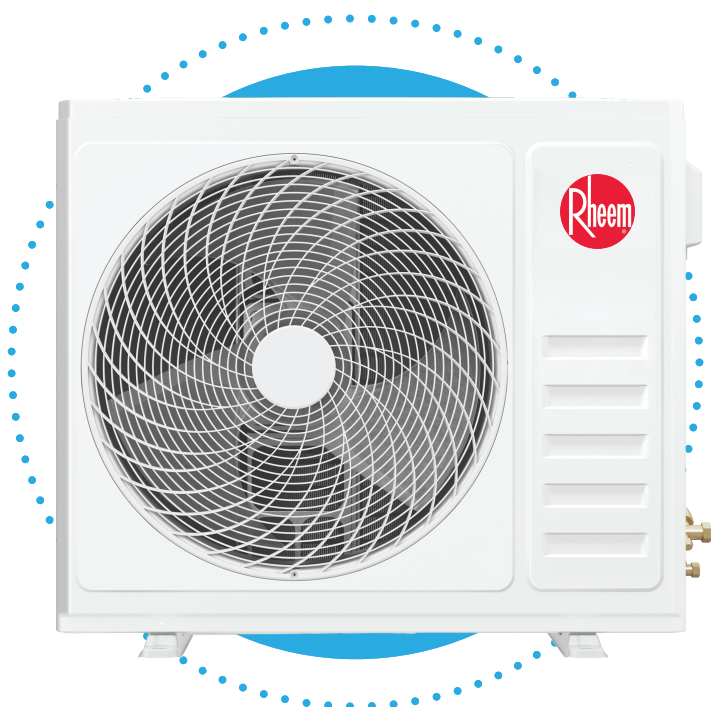
Smart Cooling Powered by R32

This air conditioner uses R32 refrigerant, a modern cooling gas that's more efficient and kinder to the environment. R32 helps your home cool faster while using less energy, and it produces fewer emissions than older refrigerants. It's an important step toward cleaner, more sustainable comfort for you and your family.

In everything we do, we integrate sustainability.



2035 goals



SUSTAINABLE PACKAGING



Achieve an average of 90% reusable, recyclable, or compostable packaging OR at least 50% recycled content in product packaging³

10% WASTE REDUCTION



Reduce global waste intensity (ton/unit) by 10%⁵

ZERO WASTE TO LANDFILL



Maintain zero waste to landfill (ZWTL) at all factories and on-board new acquisitions⁴

1M+ TRAININGS



Complete 1 million trainings for plumbers, contractors, and key influencers globally on sustainable products, refrigerant management and / or sustainable best practices

Working Toward A Greater Degree of Good™

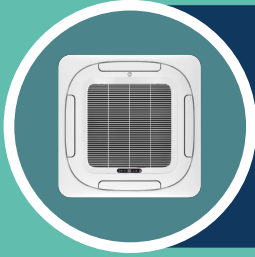
Building upon the strong foundation set in 2019, our next generation of sustainability takes the familiarity of the original framework and simplifies it into Products, Process and People. These pillars provide a north star, helping us focus on innovating products with higher efficiency, manufacturing them in a process that reduces our direct use of resources, and supporting the people that recommend and install in homes and business around the globe.

1. Rheem's goal is to reduce greenhouse gas emissions by 30% by 2035 from a 2023 baseline. This metric will be based on intensity emissions normalized by revenue and includes Scopes 1-3 as defined by the Greenhouse Gas Protocol. At this time, these figures have not been independently verified by a third party.
2. Rheem measures reusable, recyclable, compostable, and recycled content in line with ISO and FTC standards. At this time, these figures have not been independently verified by a third party.
3. A Rheem plant is considered to have reached Zero Waste to Landfill when it achieves a rate of at least 90% diversion of nonhazardous solid waste away from landfill, waste-to-energy (WTE), and incineration, in line with the Zero Waste International Alliance standards and TRUE Zero Waste standards. At this time, these figures have not been independently verified by a third party.
4. Rheem measures waste intensity as a ratio of total weight of non-hazardous waste generated across all manufacturing facilities to total units produced from a 2023 baseline. At this time, these figures have not been independently verified by a third party.



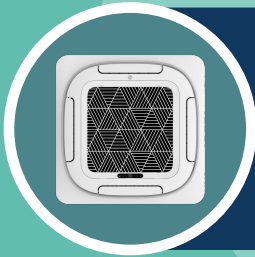
engineered for life™

CASSETTE INDOOR UNIT FEATURES



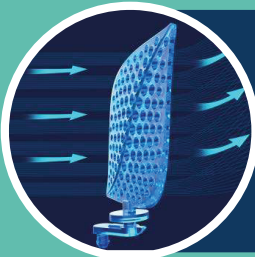
Standard Panel Design

The newly designed porcelain-white panel is elegant, allowing it to blend seamlessly with the ceiling.



Optional Panel Design

An optional outlet grille is available to meet varying project requirements.



Soft Wind Panel (optional)

Featuring 360° airflow and 2,565 micro-holes, the soft-wind blades break up the airflow to deliver a gentle, comfortable breeze.



Wide Range Of Swing Angle

With an arc louver swing angle ranging from 0° to 85°, soft air is effortlessly directed to every corner of the room. When cooling, it creates a gentle effect as cool air descends from above.



34dB(A)

Comfortable Low Noise Design

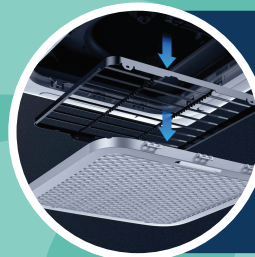
Through an optimized airflow path and 3D fan blades, this unit increases airflow while reducing operating noise to as low as 36 dB(A).

*For 18k cassette



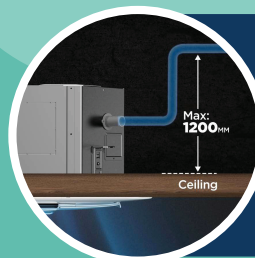
Fresh Air

The unit can draw in fresh outdoor air and ensure proper air quality.



Easy To Clean Filter

The filter is easy to disassemble and clean, ensuring proper indoor air quality.



1200mm Water Pump Lift

The cassette features a built-in water pump with a maximum lift of 1,200 mm, making drain pipe installation fast and flexible.

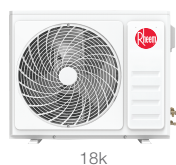


Water-Overflow Protection

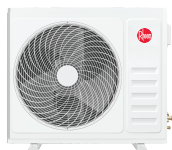
To prevent water overflow, the system will trigger an alert if excessive condensate accumulates in the indoor unit or if the water pump fails.

CASSETTE OUTDOOR UNIT FEATURES

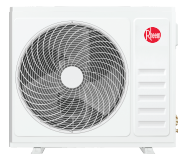
Product Range



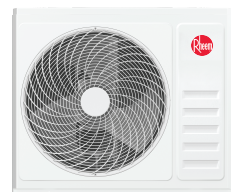
18k



24k



30k



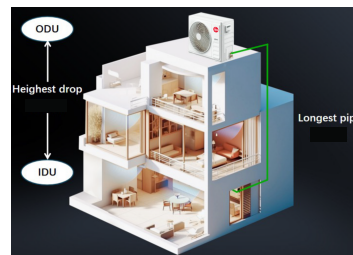
36k



48k

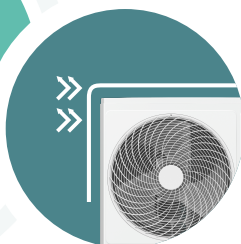
Long piping application can be provided

(18/24K is 30/15m, 30/36K is 50/30 m, 48K is 80/40m)



Anti-rust and Long Lift Span

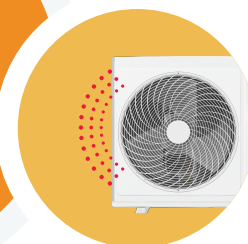
The outdoor unit is made of galvanized sheet and treated with special cataphoric crafts.



Optimized Air-outlet Grill

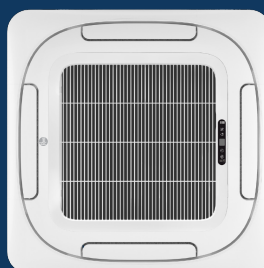
Optimised air flow increases the air volume

Increases the efficiency of heat exchange



WIFI CONTROL^{*} NETWORK

The cassette series can be controlled using Wi-Fi by connecting the indoor unit to USB Wi-Fi Module. This is an optional feature and can be provided upon request.



Based on Rheem's cloud web system and with the android system platform a wifi module can be provided in the air conditioners to achieve different functions through terminals (mobile phone, iPad and computer) for easy and visualized operation.

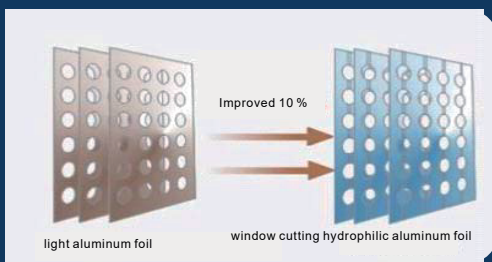
^{*}Optional Feature

W^oRLD-CLASS

T3 SERIES

High efficiency hydrophilic aluminum fin

The louvered hydrophilic aluminum foil has at least 10% more heat exchanging efficiency than the ordinary light aluminum foil under the same area, which reduces water & wind resistance.



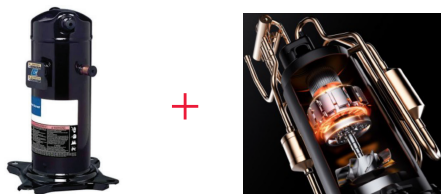
Inner grooved copper tube

The selected highly slim inner grooved copper tube has at least 10% more heat exchanging efficiency than the conventional one.



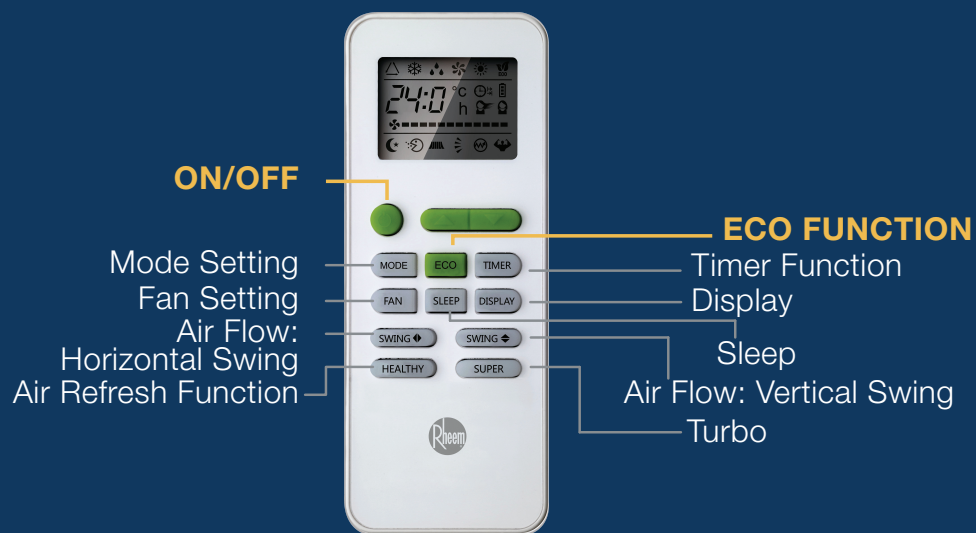
High efficiency compressors

Engineered as a tropical compressor, maintaining peak performance in extreme ambient temperatures up to +60°C.



CONTROLLERS NETWORK

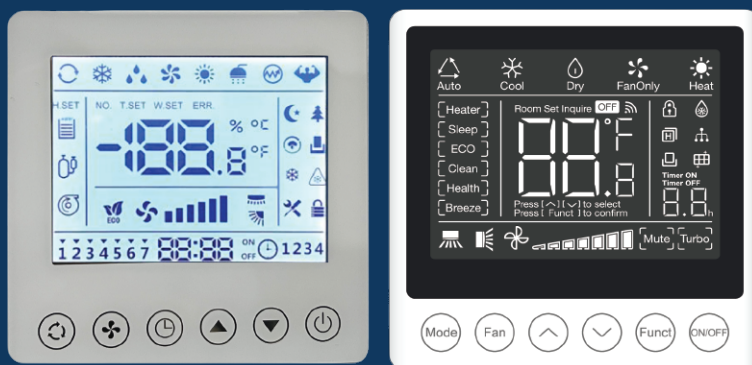
Remote Controller



Standard controller: 52E

Wired Controller

Optional Wired controllers available



86J

86N

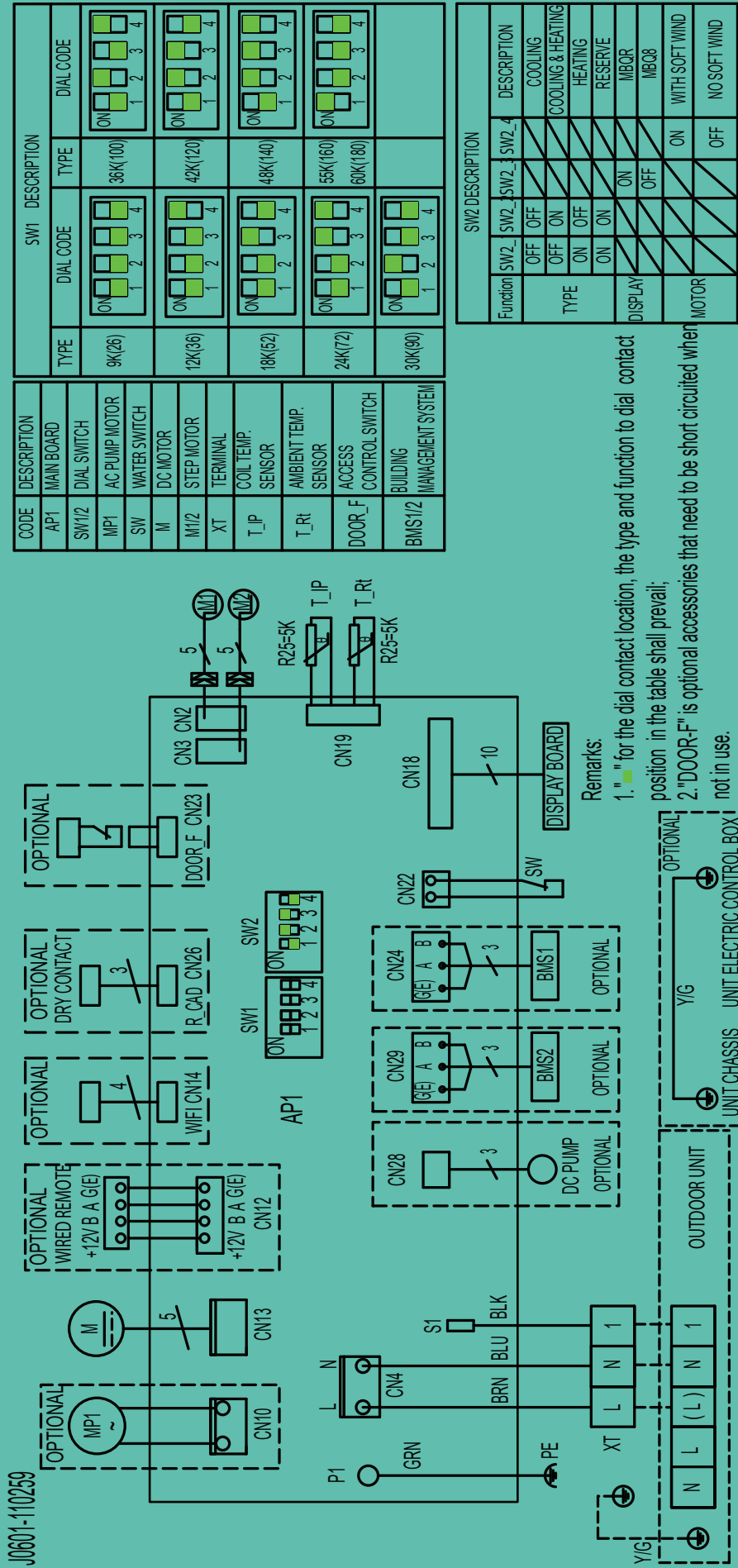
TECHNICAL SPECIFICATIONS

Model Names	Set Model	/	RC18AIHTG00	RC24AIHTG00	RC30AIHTG00	RC36AIHTG00	RC48BIHTG00
	Indoor Model	/	RINC18AIHTG00	RINC24AIHTG00	RINC30AIHTG00	RINC36AIHTG00	RINC48AIHTG00
	Outdoor Code	/	RONC18AIHTG00	RONC24AIHTG00	RONC30AIHTG00	RONC36AIHTG00	RONC48BIHTG00
	Type		Heat pump Inverter	Heat pump Inverter	Heat pump Inverter	Heat pump Inverter	Heat pump Inverter
Capacity	Cooling (T1)	Btu/h	19100	25200	30000	34000	43000
		KW	5.60	7.39	8.79	9.96	12.60
	Cooling (T3)	Btu/h	17300	23000	27600	30000	36500
		KW	5.07	6.74	8.09	8.79	10.70
	Cooling (T4)	Btu/h	14800	19400	22000	24000	33000
		KW	4.34	5.69	6.45	7.03	9.67
	Heating (H1)	Btu/h	19900	27600	30000	36000	49400
		KW	5.85	8.10	8.80	10.55	14.50
Power supply side		/	outdoor	outdoor	outdoor	outdoor	outdoor
IDU Power Supply		V~,Hz,Ph	220-240V~/50/60Hz/1P	220-240V~/50/60Hz/1P	220-240V~/50/60Hz/1P	220-240V~/50/60Hz/1P	220-240V~/50/60Hz/1P
ODU Power Supply		V~,Hz,Ph	220-240V~/50/60Hz/1P	220-240V~/50/60Hz/1P	220-240V~/50/60Hz/1P	220-240V~/50/60Hz/1P	380-415V~/50/60Hz/3P
Electric Data (T1)	Rated Cooling Power Input	KW	1.559	2.045	2.460	2.764	3.524
	Rated Cooling Current	A	6.78	9.30	11.25	12.60	5.30
Electric Data (T3)	Rated Cooling Power Input	KW	1.955	2.470	3.155	3.448	4.171
	Rated Cooling Current	A	8.50	11.23	14.50	15.75	6.50
Electric Data (T4)	Rated Cooling Power Input	KW	1.701	2.200	2.543	2.790	3.837
	Rated Cooling Current	A	7.40	10.00	12.50	12.10	5.95
Electric Data (H1)	Rated Heating Power Input	KW	1.481	2.130	2.315	2.776	4.200
	Rated Heating Current	A	6.44	9.68	11.00	12.70	6.40
Performance (T1)	EER	Btu/h/W	12.250	12.323	12.195	12.301	12.202
Performance (T3)	EER	Btu/h/W	8.850	9.312	8.748	8.701	8.751
Performance (T4)	EER	Btu/h/W	8.700	8.818	8.651	8.602	8.600
	Power rating	Kw/TR	1.40	1.40	1.40	1.40	1.40
Performance (H1)	COP	WW	3.950	3.803	3.801	3.800	3.452
Indoor Unit	Indoor Air Flow(Hi/Mi/Lo)	m³/h	1100/880/690	1500/1240/980	1800/1500/1150	2000/1690/1380	2100/1720/1300
	Indoor sound pressure(SH/M/L/Mute)	dB(A)	42/40/39/37/34	47/45/43/39/37	51/49/47/45/41	52/50/47/45/41	53/51/49/47/45
	Net Dimension(W"D"H)	mm	840x840x245	840x840x245	840x840x290	840x840x290	840x840x290
	Packing Dimension(W"D"H)	mm	920x920x270	920x920x270	920x920x315	920x920x315	920x920x315
	Net Weight	Kg	23	23	26	30	30
	Gross Weight	Kg	27	27	31	35	35
Panel	Net Dimension (W"D"H)	mm	950x950x45	950x950x45	950x950x45	950x950x45	950x950x45
	Packing Dimension (W"D"H)	mm	1055x1055x90	1055x1055x90	1055x1055x90	1055x1055x90	1055x1055x90
	Net weight	Kg	6	6	6	6	6
Refrigerant	Gross weight	Kg	9	9	9	9	9
	Type	/	R32	R32	R32	R32	R32
	Charged Volume (factory)	kg	1.15	1.7	1.5	2	4
Outdoor Unit	Noise Pressure Level	dB (A)	53	56	57	58	59
	Noise Power Level	dB (A)	/	/	/	/	/
	Net Dimension(W"D"H)	mm	845x342x700	910x378x804	910x378x804	910x378x804	950x340x1330
	Packing Dimension(W"D"H)	mm	960x430x755	1022x480x835	1022x480x835	1022x480x835	1080x430x1457
	Net Weight	Kg	38	46	52	54	110
	Gross Weight	Kg	42	50	56	58	120
	Compressor	Type	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
	Max. Length	m	30	30	50	50	80
	Max. Height	m	15	15	30	30	40
Refrigerant Pipe	Gas Side	mm	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	19.05 (3/4")
	Liquid Side	mm	6.35(1/4")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
Operation Temperature Range		°C	16-31	16-31	16-31	16-31	16-31
Ambient Temperature Range		°C	Cooling:0-60/Heating:-15-24	Cooling:0-60/Heating:-15-24	Cooling:0-60/Heating:-15-24	Cooling:0-60/Heating:-15-24	Cooling:0-60/Heating:-15-24
Wired/Remote Controller		/	Remote Controller	Remote Controller	Remote Controller	Remote Controller	Remote Controller
Qty'per 20'& 40'&40HQ (Only For Reference)		Set	95(40HQ)	80(40HQ)	76(40HQ)	76(40HQ)	55(40HQ)

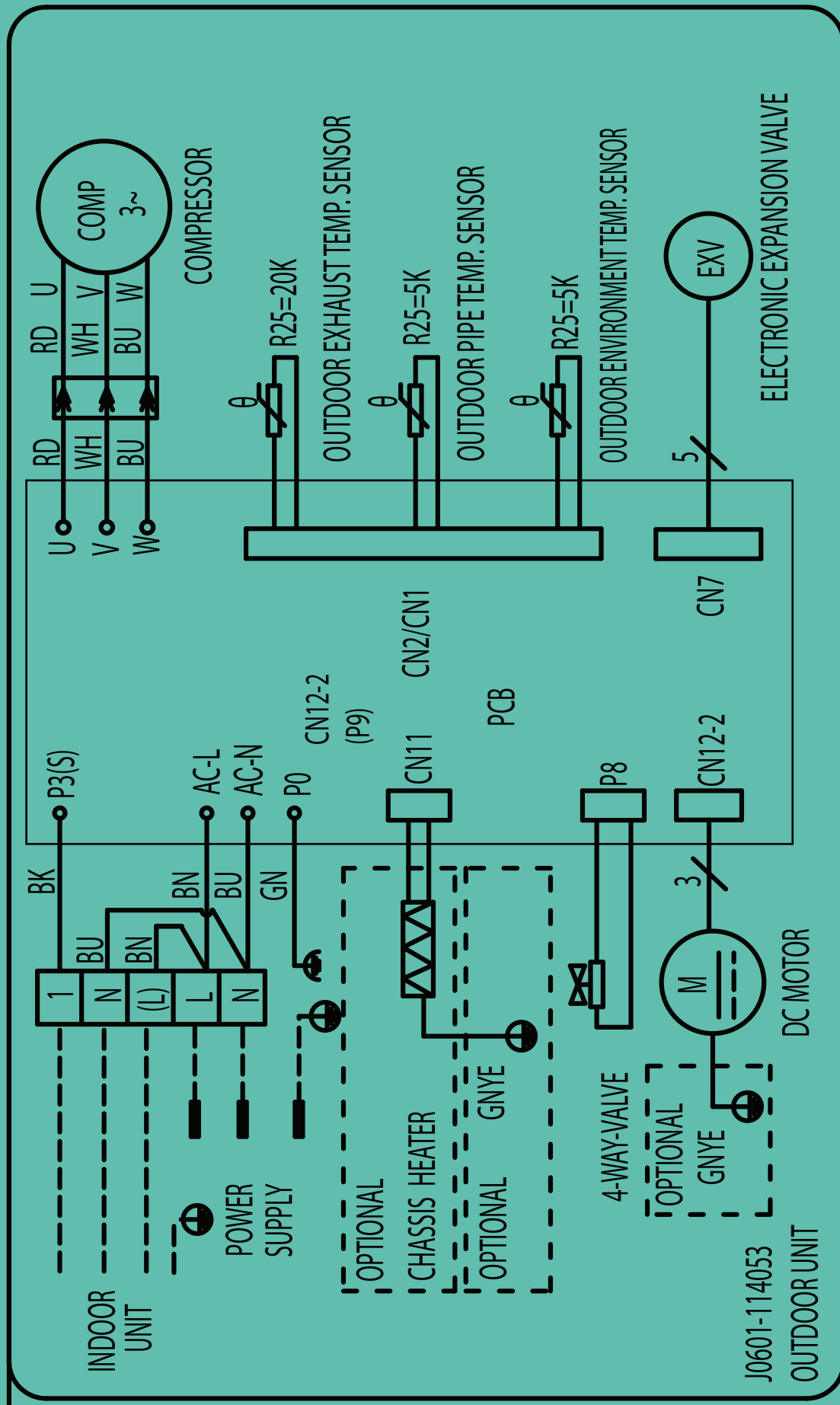
Remark:The above designs and specifications are subject to change of product improvement without prior notice.

18K CASSETTE IDU WRING DRAWING

J0601-110259

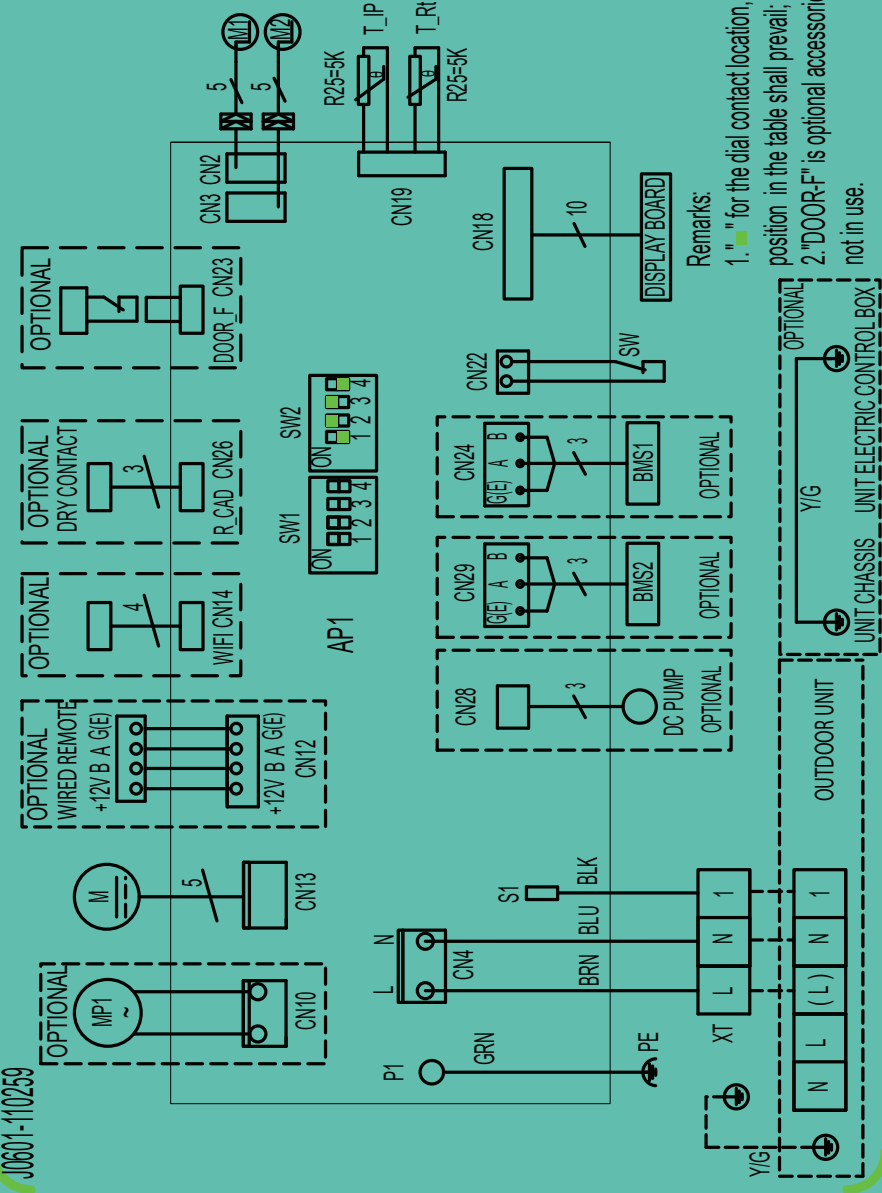


18K CASSETTE ODU WRING DRAWING



24K CASSETTE IDU WRING DRAWING

J0601-110259



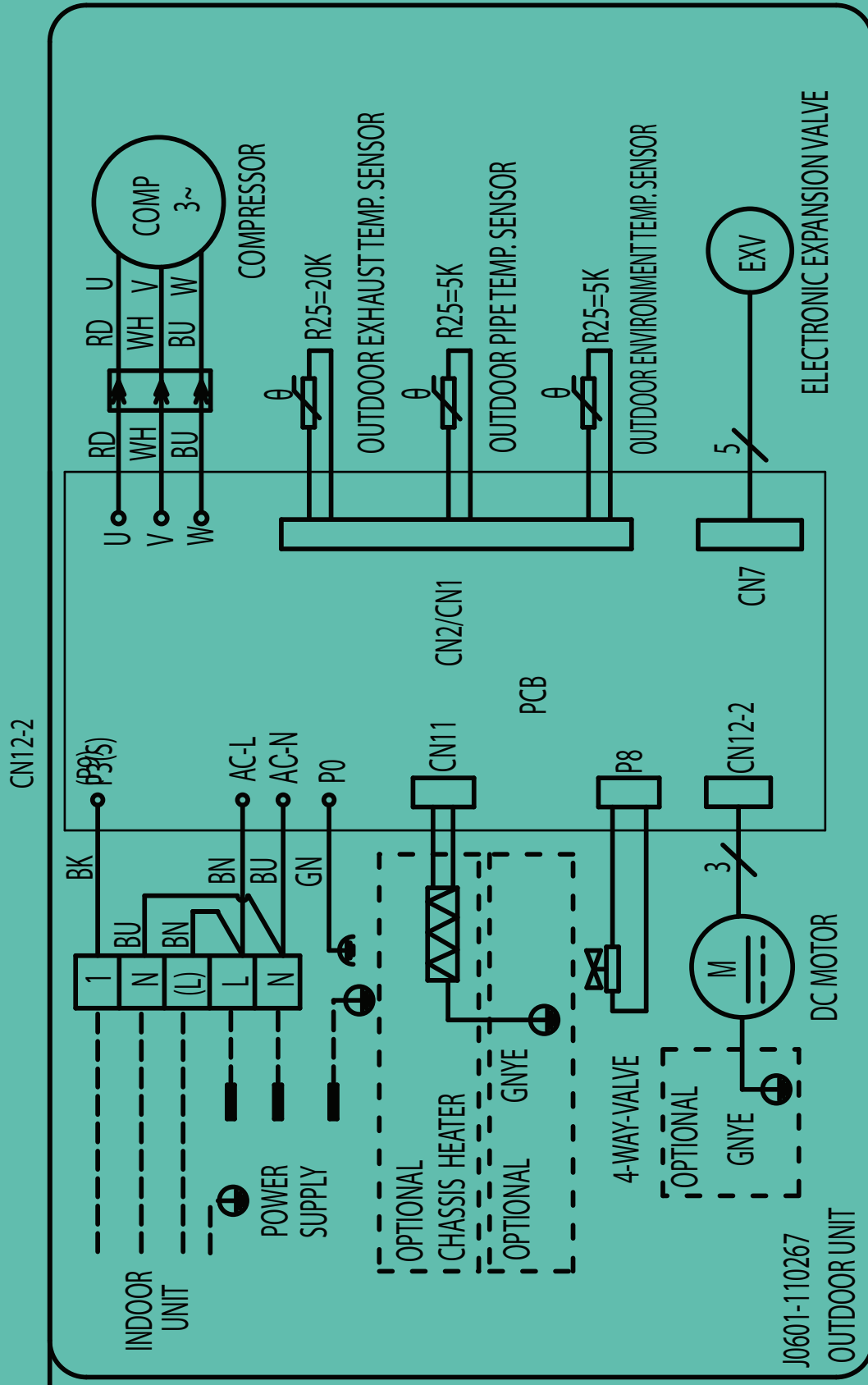
Remarks:

1. " " for the dial contact location, the type and function to dial contact position in the table shall prevail;
2. "DOOR-F" is optional accessories that need to be short circuited when not in use.

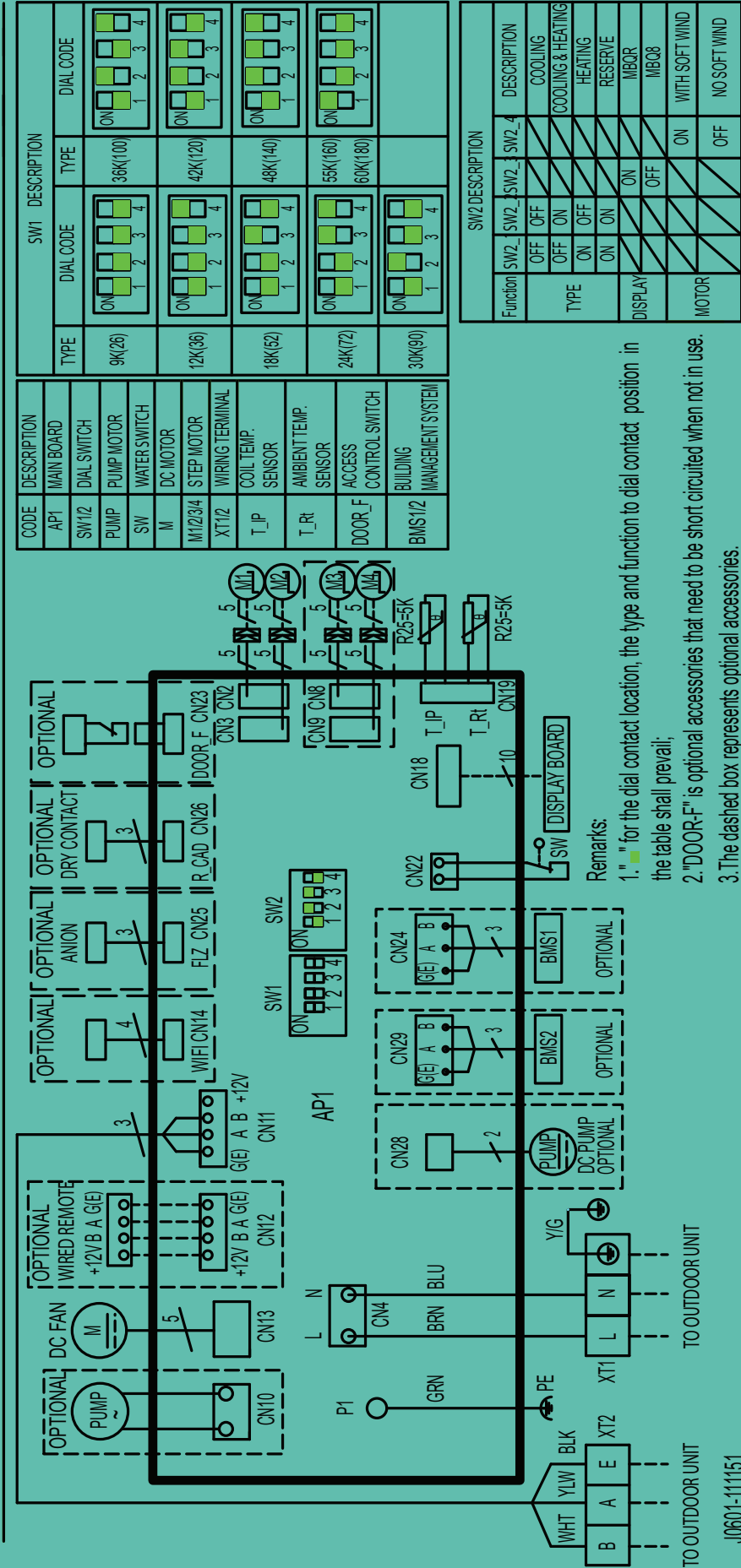
CODE	DESCRIPTION	SW1 DESCRIPTION			
		TYPE	DIAL CODE	TYPE	DIAL CODE
AP1	MAIN BOARD				
SW1/2	DIAL SWITCH				
MP1	AC PUMP MOTOR				
SW	WATER SWITCH				
M	DC MOTOR				
M1/2	STEP MOTOR				
XT	TERMINAL				
T_IP	COIL TEMP. SENSOR				
T_Rt	AMBIENT TEMP. SENSOR				
DOOR_F	ACCESS CONTROL SWITCH				
BMS1/2	BUILDING MANAGEMENT SYSTEM				

SW2 DESCRIPTION					
Function	SW2_1	SW2_2	SW2_3	SW2_4	DESCRIPTION
TYPE	OFF	OFF	ON	ON	COOLING
	OFF	ON	ON	ON	COOLING & HEATING
	ON	OFF	ON	ON	HEATING
DISPLAY	ON	ON	ON	ON	RESERVE
	ON	ON	ON	ON	MBQ8
	ON	ON	ON	ON	MBQ8
MOTOR	ON	ON	ON	ON	WITH SOFT WIND
	ON	ON	ON	ON	NO SOFT WIND

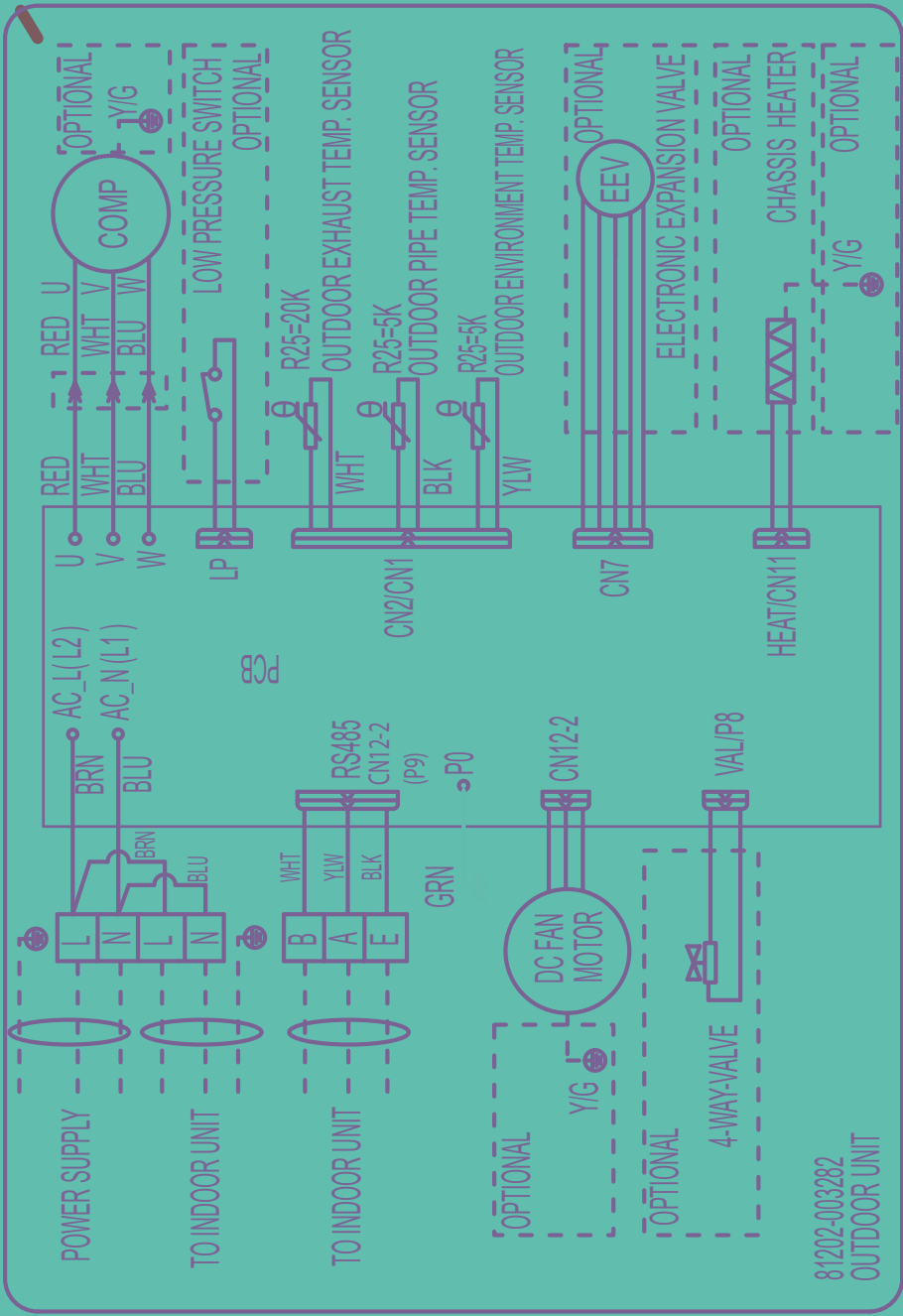
24K CASSETTE ODU WRING DRAWING



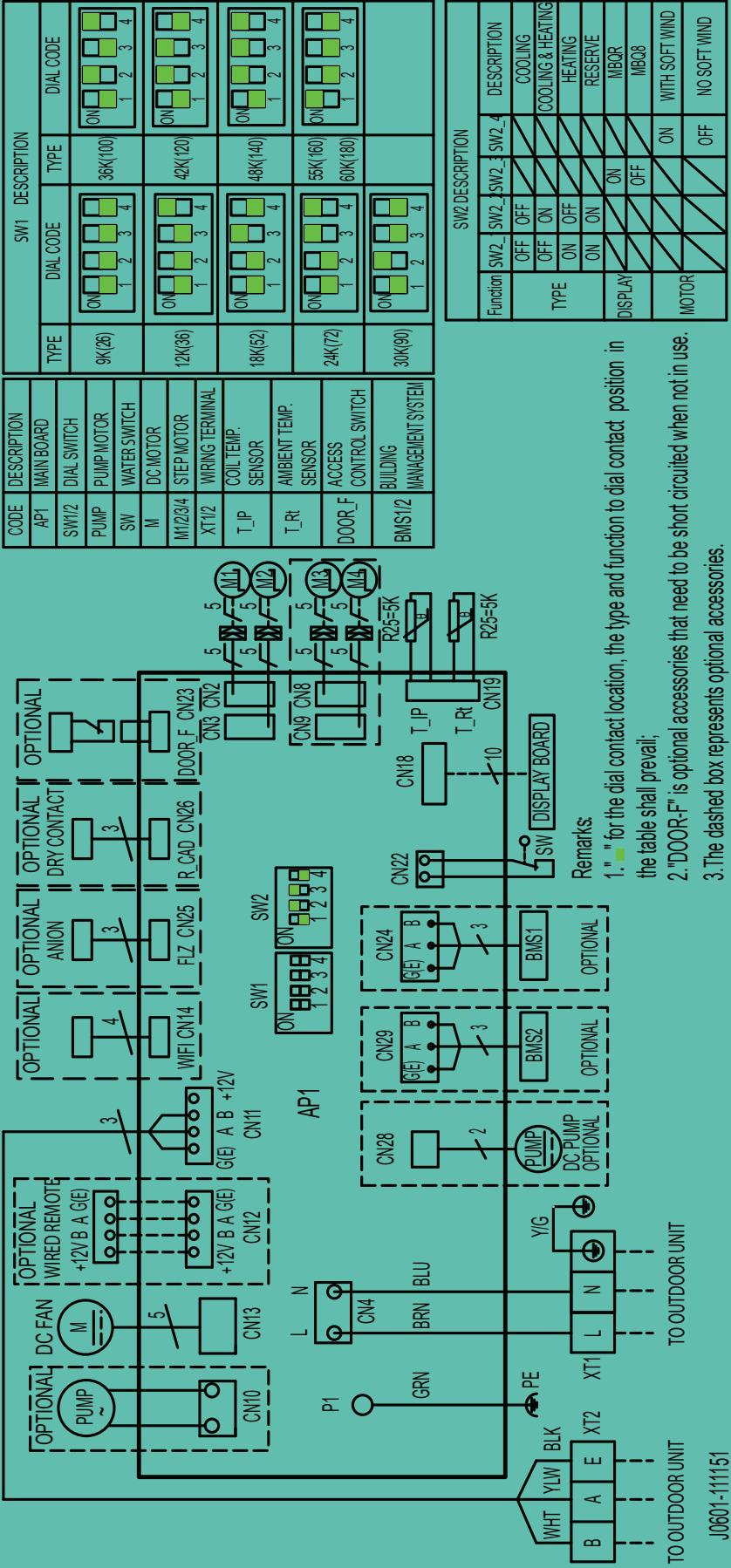
30K CASSETTE IDU WRING DRAWING



30K CASSETTE ODU WRING DRAWING

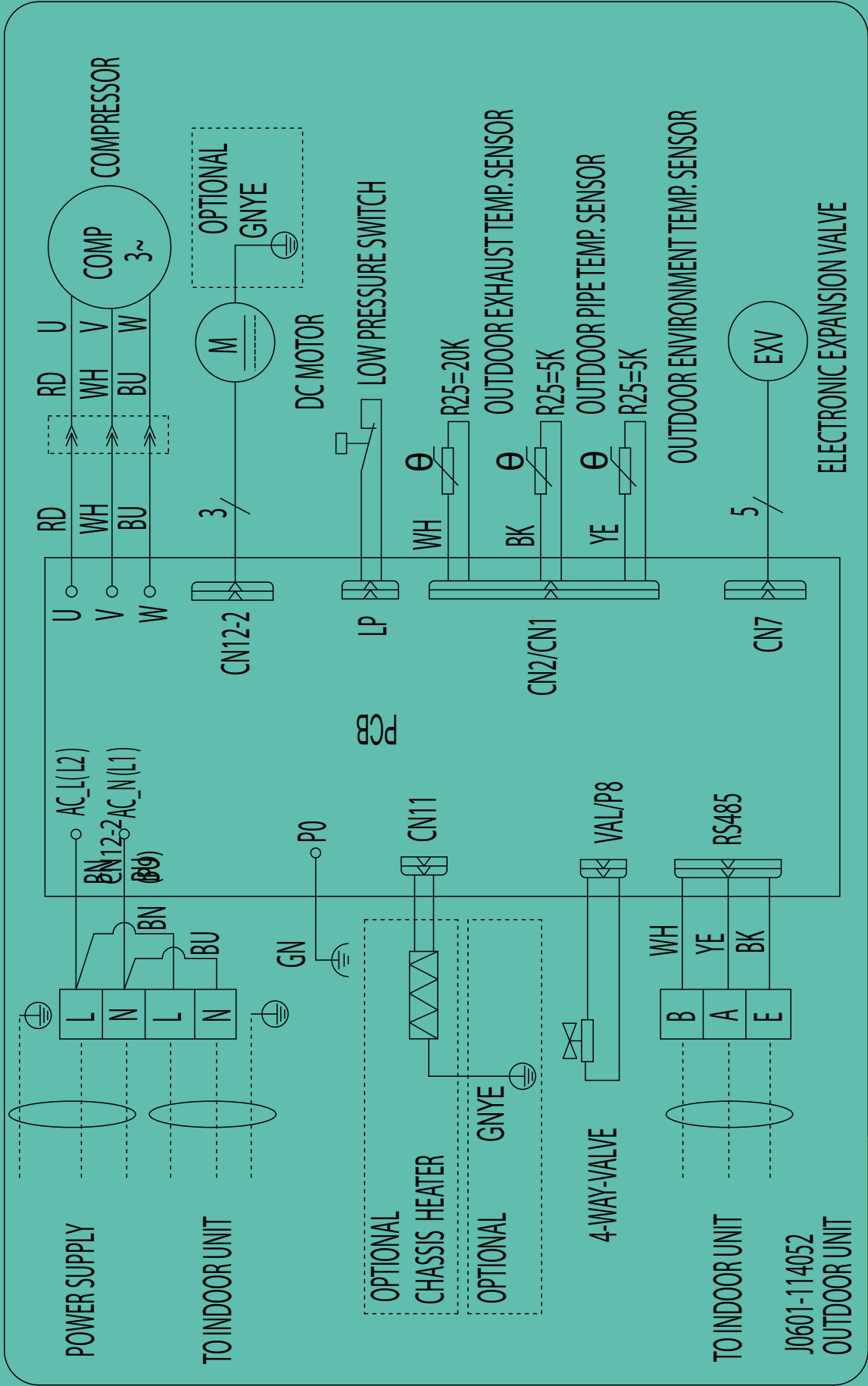


36K CASSETTE IDU WRING DRAWING

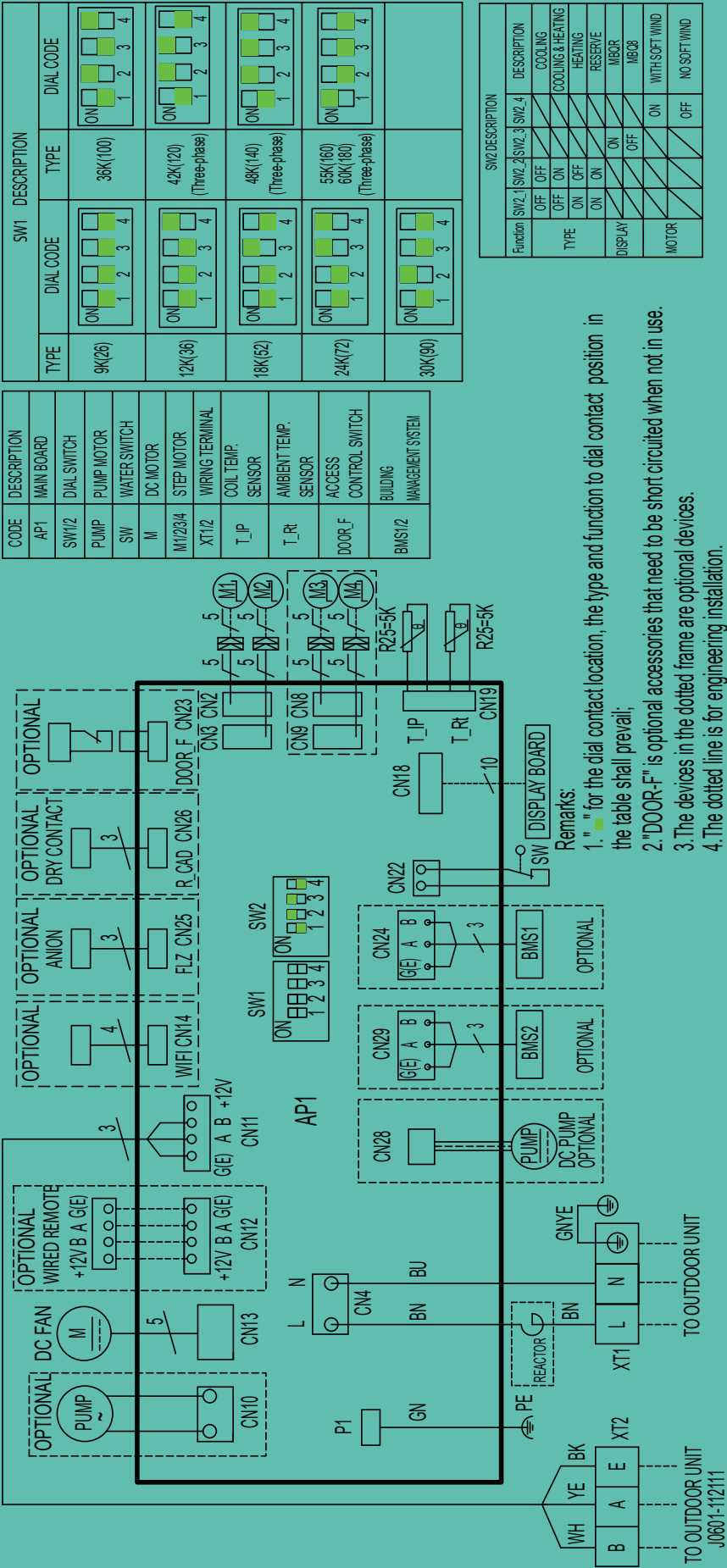


J0601-111151

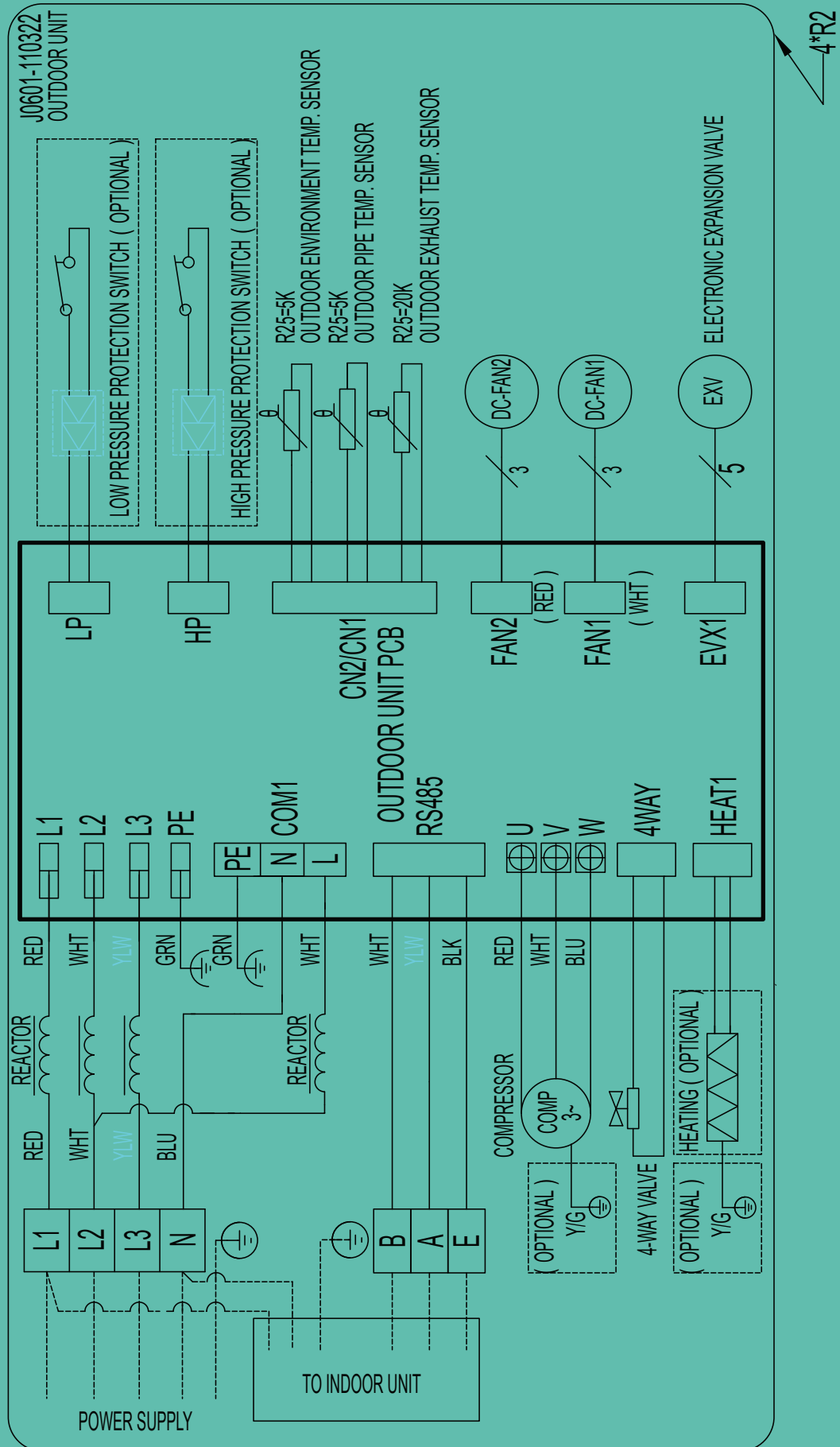
36K CASSETTE ODU WRING DRAWING



48K CASSETTE IDU WRING DRAWING



48K CASSETTE ODU WRING DRAWING



RC18AIHTG00

COOLING

INDOOR		OUTDOOR DB(°C)														
DB(°C)	WB(°C)	19			25			27			30			35		
		TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)
21	16	5.216	4.819	1.183	5.491	4.929	1.290	5.381	4.885	1.329	5.273	4.842	1.382	5.168	4.800	1.492
	19	5.612	4.821	1.220	5.907	4.939	1.330	5.789	4.892	1.370	5.673	4.845	1.425	5.560	4.800	1.539
24	16	5.237	4.839	1.191	5.512	4.950	1.299	5.402	4.906	1.337	5.294	4.862	1.391	5.188	4.820	1.502
	19	5.632	4.841	1.228	5.929	4.959	1.339	5.810	4.912	1.379	5.694	4.866	1.434	5.580	4.820	1.549
	22	5.971	4.842	1.265	6.286	4.968	1.379	6.160	4.918	1.421	6.037	4.868	1.478	5.916	4.820	1.596
26.6	19.4	5.720	4.851	1.245	6.021	4.972	1.357	5.901	4.923	1.398	5.783	4.876	1.454	5.667	4.830	1.570
27	16	5.257	4.859	1.199	5.533	4.970	1.307	5.423	4.926	1.346	5.314	4.883	1.400	5.208	4.840	1.512
	19	5.652	4.861	1.236	5.950	4.980	1.348	5.831	4.932	1.388	5.714	4.886	1.444	5.600	4.840	1.559
	22	5.992	4.862	1.273	6.307	4.988	1.388	6.181	4.938	1.430	6.057	4.888	1.487	5.936	4.840	1.606
	25	6.351	4.864	1.312	6.685	4.997	1.430	6.552	4.944	1.473	6.421	4.891	1.531	6.292	4.840	1.654
29	16	5.277	4.880	1.207	5.555	4.991	1.316	5.444	4.946	1.355	5.335	4.903	1.409	5.228	4.860	1.522
	19	5.673	4.881	1.244	5.971	5.000	1.356	5.852	4.953	1.397	5.735	4.906	1.453	5.620	4.860	1.569
	22	6.012	4.882	1.281	6.328	5.009	1.397	6.202	4.958	1.439	6.078	4.909	1.496	5.956	4.860	1.616
	27	6.371	4.884	1.320	6.707	5.018	1.438	6.572	4.964	1.481	6.441	4.912	1.541	6.312	4.860	1.664
33	16	5.307	4.910	1.219	5.587	5.021	1.329	5.475	4.977	1.369	5.365	4.933	1.423	5.258	4.890	1.537
	19	5.703	4.911	1.256	6.003	5.031	1.369	5.883	4.983	1.410	5.765	4.936	1.467	5.650	4.890	1.584
	22	6.042	4.912	1.293	6.360	5.040	1.410	6.233	4.989	1.452	6.108	4.939	1.510	5.986	4.890	1.631
	27	6.402	4.914	1.331	6.738	5.049	1.451	6.604	4.995	1.495	6.472	4.942	1.555	6.342	4.890	1.679

COOLING

INDOOR		OUTDOOR DB(°C)											
DB(°C)	WB(°C)	40			46			48			52		
		TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)
21	16	5.039	4.722	1.671	4.755	4.552	1.905	4.136	3.934	1.648	3.804	3.601	1.351
	19	5.421	4.717	1.724	5.115	4.533	1.965	4.450	3.868	1.700	4.092	3.510	1.394
24	16	5.058	4.742	1.682	4.773	4.571	1.918	4.152	3.950	1.659	3.818	3.616	1.360
	19	5.441	4.736	1.735	5.134	4.552	1.978	4.466	3.885	1.711	4.107	3.525	1.403
	22	5.768	4.731	1.787	5.443	4.536	2.037	4.735	3.828	1.762	4.354	3.447	1.445
26.6	19.4	5.526	4.745	1.758	5.214	4.558	2.004	4.340	3.759	1.701	4.171	3.590	1.395
27	16	5.078	4.762	1.694	4.791	4.590	1.931	4.168	3.967	1.670	3.833	3.632	1.370
	19	5.460	4.756	1.746	5.152	4.571	1.991	4.297	3.716	1.689	4.122	3.541	1.385
	22	5.788	4.751	1.798	5.461	4.555	2.050	4.751	3.845	1.773	4.369	3.463	1.454
	25	6.135	4.746	1.852	5.789	4.538	2.112	5.036	3.785	1.827	4.631	3.380	1.498
29	16	5.097	4.782	1.705	4.810	4.609	1.944	4.184	3.984	1.681	3.848	3.647	1.379
	19	5.480	4.776	1.757	5.070	4.530	1.955	4.411	3.871	1.691	4.056	3.516	1.387
	22	5.807	4.771	1.810	5.480	4.574	2.063	4.767	3.862	1.785	4.384	3.478	1.463
	27	6.154	4.765	1.864	5.807	4.557	2.125	5.052	3.802	1.838	4.646	3.396	1.507
33	16	5.127	4.811	1.722	4.837	4.638	1.963	4.209	4.009	1.698	3.870	3.670	1.392
	19	5.509	4.805	1.774	5.198	4.619	2.022	4.522	3.943	1.749	4.158	3.579	1.435
	22	5.836	4.800	1.826	5.507	4.603	2.082	4.791	3.887	1.801	4.406	3.501	1.477
	27	6.184	4.795	1.880	5.835	4.586	2.144	5.076	3.827	1.854	4.668	3.419	1.521

HEATING

INDOOR		OUTDOOR WB (°C)															
DB(°C)		-15		-10		-5		0		7		10		15		20	
		TC(KW)	PI(KW)	TC(KW)	PI(KW)	TC(KW)	PI(KW)	TC(KW)	PI(KW)	TC(KW)	PI(KW)	TC(KW)	PI(KW)	TC(KW)	PI(KW)	TC(KW)	PI(KW)
15		3.042	0.997	3.833	1.011	4.502	1.054	5.293	1.239	6.084	1.424	6.632	1.552	6.997	1.638	7.605	1.780
20		3.627	1.037	3.978	1.052	4.563	1.096	5.090	1.288	5.850	1.481	6.377	1.614	6.728	1.703	7.313	1.851
26		2.813	1.078	3.544	1.094	4.163	1.140	4.894	1.340	5.625	1.540	6.131	1.743	6.469	1.771	7.031	1.925

RC24AIHTG00

COOLING

INDOOR		OUTDOOR DB(°C)														
DB(°C)	WB(°C)	19			25			27			30			35		
		TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)
21	16	6.897	6.489	1.557	7.260	6.634	1.697	7.114	6.576	1.748	6.972	6.519	1.818	6.833	6.463	1.964
	19	7.419	6.491	1.606	7.809	6.647	1.750	7.653	6.584	1.803	7.500	6.523	1.875	7.350	6.463	2.025
24	16	6.917	6.509	1.565	7.281	6.654	1.706	7.135	6.596	1.757	6.993	6.539	1.827	6.853	6.483	1.974
	19	7.439	6.511	1.614	7.830	6.667	1.759	7.674	6.605	1.812	7.520	6.543	1.884	7.370	6.483	2.035
	22	7.887	6.512	1.662	8.302	6.678	1.812	8.136	6.612	1.866	7.973	6.547	1.941	7.813	6.483	2.096
26.6	19.4	7.549	6.521	1.633	7.946	6.680	1.780	7.787	6.616	1.833	7.631	6.554	1.907	7.479	6.493	2.059
27	16	6.937	6.529	1.573	7.302	6.675	1.715	7.156	6.616	1.766	7.013	6.559	1.837	6.873	6.503	1.984
	19	7.459	6.531	1.622	7.852	6.688	1.768	7.695	6.625	1.821	7.541	6.564	1.894	7.390	6.503	2.045
	22	7.907	6.532	1.670	8.323	6.699	1.821	8.156	6.632	1.875	7.993	6.567	1.950	7.833	6.503	2.106
	25	8.381	6.534	1.720	8.822	6.711	1.875	8.646	6.640	1.932	8.473	6.571	2.009	8.303	6.503	2.170
29	16	6.957	6.549	1.581	7.323	6.695	1.723	7.177	6.637	1.775	7.033	6.579	1.846	6.893	6.523	1.994
	19	7.479	6.551	1.630	7.873	6.708	1.776	7.716	6.645	1.830	7.561	6.584	1.903	7.410	6.523	2.055
	22	7.927	6.552	1.678	8.344	6.719	1.829	8.177	6.653	1.884	8.014	6.587	1.960	7.853	6.523	2.116
	27	8.401	6.554	1.728	8.843	6.731	1.884	8.667	6.660	1.940	8.493	6.591	2.018	8.323	6.523	2.180
33	16	6.987	6.579	1.593	7.355	6.726	1.736	7.208	6.667	1.788	7.064	6.610	1.860	6.923	6.553	2.009
	19	7.510	6.581	1.642	7.905	6.739	1.789	7.747	6.676	1.843	7.592	6.614	1.917	7.440	6.553	2.070
	22	7.957	6.583	1.690	8.376	6.750	1.842	8.208	6.683	1.898	8.044	6.617	1.973	7.883	6.553	2.131
	27	8.432	6.584	1.740	8.875	6.762	1.897	8.698	6.691	1.954	8.524	6.621	2.032	8.353	6.553	2.195

COOLING

INDOOR		OUTDOOR DB(°C)											
DB(°C)	WB(°C)	40			46			48			52		
		TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)
21	16	6.662	6.361	2.160	6.286	6.135	2.376	5.343	5.192	2.091	4.777	4.626	1.715
	19	7.166	6.353	2.228	6.762	6.110	2.450	5.748	5.096	2.156	5.139	4.488	1.768
24	16	6.681	6.380	2.171	6.304	6.154	2.388	5.359	5.208	2.102	4.791	4.641	1.723
	19	7.186	6.373	2.239	6.780	6.129	2.462	5.763	5.112	2.167	5.153	4.502	1.777
	22	7.618	6.366	2.306	7.188	6.108	2.537	6.110	5.030	2.232	5.463	4.383	1.830
26.6	19.4	7.292	6.381	2.265	6.880	6.134	2.492	5.690	5.040	2.200	5.229	4.579	1.804
27	16	6.701	6.400	2.182	6.323	6.173	2.400	5.374	5.225	2.112	4.805	4.656	1.732
	19	7.205	6.392	2.250	6.799	6.148	2.474	5.633	4.983	2.185	5.167	4.517	1.791
	22	7.638	6.385	2.317	7.207	6.127	2.549	6.126	5.046	2.243	5.477	4.397	1.839
	25	8.096	6.378	2.386	7.639	6.104	2.625	6.493	4.959	2.310	5.806	4.271	1.894
29	16	6.720	6.420	2.193	6.341	6.192	2.412	5.390	5.241	2.123	4.819	4.670	1.741
	19	7.225	6.412	2.261	6.740	6.121	2.470	5.729	5.110	2.174	5.122	4.504	1.782
	22	7.657	6.405	2.328	7.225	6.146	2.561	6.141	5.062	2.253	5.491	4.412	1.848
	27	8.115	6.398	2.397	7.658	6.123	2.637	6.509	4.975	2.321	5.820	4.286	1.903
33	16	6.750	6.449	2.210	6.369	6.221	2.430	5.414	5.265	2.139	4.840	4.692	1.754
	19	7.254	6.442	2.277	6.845	6.196	2.505	5.818	5.169	2.204	5.202	4.553	1.807
	22	7.686	6.435	2.344	7.253	6.175	2.579	6.165	5.087	2.269	5.512	4.434	1.861
	27	8.145	6.428	2.414	7.685	6.152	2.655	6.532	4.999	2.337	5.841	4.308	1.916

HEATING

INDOOR	OUTDOOR WB (°C)															
DB(°C)	-15		-10		-5		0		7		10		15		20	
	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
15	4.212	1.434	5.307	1.454	6.234	1.516	7.329	1.782	8.424	2.048	9.182	2.232	9.688	2.355	10.530	2.560
20	5.022	1.491	5.508	1.512	6.318	1.576	7.047	1.853	8.100	2.130	8.829	2.322	9.315	2.450	10.125	2.663
26	3.894	1.551	4.907	1.573	5.763	1.639	6.776	1.927	7.788	2.215	8.489	2.507	8.957	2.547	9.736	2.769

RC30AIHTG00

COOLING

INDOOR		OUTDOOR DB(°C)														
DB(°C)	WB(°C)	19			25			27			30			35		
		TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)
21	16	8.191	7.725	1.876	8.622	7.898	2.045	8.449	7.829	2.107	8.280	7.761	2.191	8.115	7.695	2.366
	19	8.812	7.728	1.935	9.275	7.913	2.109	9.090	7.839	2.172	8.908	7.766	2.259	8.730	7.695	2.440
24	16	8.221	7.745	1.884	8.654	7.919	2.054	8.481	7.849	2.116	8.311	7.781	2.200	8.145	7.715	2.376
	19	8.842	7.748	1.943	9.307	7.934	2.118	9.121	7.860	2.181	8.939	7.787	2.269	8.760	7.715	2.450
	22	9.374	7.750	2.001	9.868	7.947	2.182	9.670	7.868	2.247	9.477	7.791	2.337	9.287	7.715	2.524
26.6	19.4	8.979	7.758	1.964	9.451	7.947	2.141	9.262	7.872	2.206	9.077	7.798	2.294	8.895	7.725	2.477
27	16	8.251	7.766	1.892	8.685	7.939	2.063	8.512	7.870	2.124	8.342	7.802	2.209	8.175	7.735	2.386
	19	8.872	7.768	1.951	9.339	7.955	2.126	9.152	7.880	2.190	8.969	7.807	2.278	8.790	7.735	2.460
	22	9.405	7.770	2.009	9.900	7.968	2.190	9.702	7.889	2.256	9.508	7.811	2.346	9.317	7.735	2.534
	25	9.969	7.772	2.070	10.494	7.982	2.256	10.284	7.898	2.324	10.078	7.816	2.416	9.876	7.735	2.610
29	16	8.281	7.786	1.900	8.717	7.960	2.071	8.543	7.890	2.133	8.372	7.822	2.219	8.205	7.755	2.396
	19	8.903	7.788	1.959	9.371	7.976	2.135	9.184	7.901	2.199	9.000	7.827	2.287	8.820	7.755	2.470
	22	9.435	7.790	2.017	9.931	7.989	2.199	9.733	7.909	2.265	9.538	7.831	2.355	9.347	7.755	2.544
	27	9.999	7.792	2.078	10.525	8.003	2.265	10.315	7.918	2.332	10.109	7.836	2.426	9.906	7.755	2.620
33	16	8.322	7.816	1.912	8.760	7.991	2.084	8.585	7.921	2.147	8.413	7.852	2.233	8.245	7.785	2.411
	19	8.943	7.818	1.971	9.414	8.007	2.148	9.225	7.931	2.212	9.041	7.858	2.301	8.860	7.785	2.485
	22	9.475	7.820	2.029	9.974	8.020	2.212	9.774	7.940	2.278	9.579	7.862	2.369	9.387	7.785	2.559
	27	10.040	7.822	2.089	10.568	8.034	2.277	10.357	7.949	2.346	10.149	7.866	2.440	9.946	7.785	2.635

COOLING

INDOOR		OUTDOOR DB(°C)											
DB(°C)	WB(°C)	40			46			48			52		
		TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)
21	16	7.871	7.549	2.603	7.466	7.305	3.032	6.061	5.901	2.456	5.674	5.514	2.112
	19	8.468	7.538	2.684	8.032	7.276	3.127	6.520	5.765	2.533	6.104	5.349	2.178
24	16	7.900	7.568	2.614	7.493	7.324	3.045	6.083	5.914	2.467	5.695	5.526	2.121
	19	8.497	7.558	2.695	8.059	7.295	3.140	6.543	5.778	2.543	6.125	5.361	2.187
	22	9.009	7.548	2.776	8.544	7.269	3.234	6.937	5.662	2.620	6.494	5.219	2.253
26.6	19.4	8.629	7.565	2.725	8.184	7.298	3.175	6.450	5.676	2.543	6.220	5.446	2.187
27	16	7.929	7.588	2.625	7.521	7.343	3.058	6.106	5.928	2.477	5.716	5.538	2.130
	19	8.526	7.577	2.706	8.087	7.313	3.152	6.386	5.612	2.525	6.146	5.372	2.172
	22	9.038	7.567	2.787	8.572	7.288	3.247	6.869	5.585	2.630	6.515	5.230	2.262
	25	9.580	7.557	2.871	9.086	7.261	3.344	7.281	5.456	2.709	6.906	5.080	2.330
29	16	7.959	7.607	2.636	7.548	7.361	3.071	6.049	5.861	2.487	5.737	5.550	2.139
	19	8.555	7.596	2.717	8.090	7.317	3.155	6.502	5.729	2.556	6.148	5.376	2.198
	22	9.067	7.587	2.798	8.600	7.306	3.204	6.891	5.598	2.595	6.536	5.242	2.232
	27	9.609	7.577	2.882	9.114	7.279	3.300	7.303	5.469	2.673	6.927	5.092	2.299
33	16	7.997	7.637	2.652	7.585	7.389	3.037	6.078	5.882	2.460	5.765	5.569	2.116
	19	8.594	7.626	2.734	8.151	7.360	3.130	6.532	5.740	2.535	6.195	5.404	2.180
	22	9.106	7.616	2.815	8.636	7.334	3.223	6.920	5.618	2.610	6.564	5.262	2.245
	27	9.648	7.606	2.898	9.151	7.308	3.319	7.333	5.489	2.688	6.955	5.111	2.312

HEATING

INDOOR	OUTDOOR WB (°C)															
DB(°C)	-15		-10		-5		0		7		10		15		20	
	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
15	4.576	1.558	5.766	1.580	6.772	1.647	7.962	1.937	9.152	2.226	9.976	2.426	10.525	2.560	11.440	2.782
20	5.456	1.621	5.984	1.644	6.864	1.713	7.656	2.014	8.800	2.315	9.592	2.523	10.120	2.662	11.000	2.894
26	4.231	1.685	5.331	1.709	6.262	1.782	7.362	2.095	8.462	2.408	9.223	2.725	9.731	2.769	10.577	3.010

RC36AIHTG00

COOLING

INDOOR		OUTDOOR DB(°C)														
DB(°C)	WB(°C)	19			25			27			30			35		
		TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)
21	16	9.289	8.759	2.110	9.778	8.955	2.300	9.582	8.877	2.369	9.391	8.800	2.464	9.203	8.725	2.661
	19	9.993	8.762	2.176	10.519	8.972	2.372	10.308	8.888	2.443	10.102	8.806	2.541	9.900	8.725	2.744
24	16	9.319	8.780	2.118	9.810	8.976	2.309	9.613	8.897	2.378	9.421	8.820	2.473	9.233	8.745	2.671
	19	10.023	8.782	2.184	10.550	8.993	2.381	10.339	8.909	2.452	10.133	8.826	2.550	9.930	8.745	2.754
	22	10.626	8.784	2.250	11.185	9.008	2.452	10.962	8.919	2.526	10.742	8.831	2.627	10.528	8.745	2.837
26.6	19.4	10.174	8.796	2.207	10.709	9.010	2.406	10.495	8.924	2.478	10.285	8.840	2.577	10.080	8.758	2.783
27	16	9.349	8.800	2.126	9.842	8.997	2.317	9.645	8.918	2.387	9.452	8.841	2.482	9.263	8.765	2.681
	19	10.053	8.802	2.192	10.582	9.014	2.389	10.371	8.929	2.461	10.163	8.846	2.559	9.960	8.765	2.764
	22	10.656	8.805	2.258	11.217	9.029	2.461	10.993	8.939	2.535	10.773	8.851	2.636	10.558	8.765	2.847
	25	11.296	8.807	2.325	11.890	9.045	2.535	11.652	8.950	2.611	11.419	8.856	2.715	11.191	8.765	2.932
29	16	9.380	8.820	2.134	9.873	9.017	2.326	9.676	8.938	2.396	9.482	8.861	2.492	9.293	8.785	2.691
	19	10.083	8.822	2.200	10.614	9.034	2.398	10.402	8.950	2.470	10.194	8.866	2.569	9.990	8.785	2.774
	22	10.687	8.825	2.266	11.249	9.050	2.469	11.024	8.960	2.544	10.804	8.871	2.645	10.588	8.785	2.857
	27	11.326	8.827	2.333	11.922	9.065	2.543	11.684	8.970	2.620	11.450	8.877	2.724	11.221	8.785	2.942
33	16	9.420	8.850	2.146	9.916	9.048	2.339	9.718	8.969	2.409	9.523	8.891	2.506	9.333	8.815	2.706
	19	10.124	8.852	2.212	10.657	9.065	2.411	10.444	8.980	2.483	10.235	8.897	2.582	10.030	8.815	2.789
	22	10.727	8.855	2.277	11.292	9.081	2.482	11.066	8.990	2.557	10.844	8.902	2.659	10.628	8.815	2.872
	27	11.366	8.857	2.345	11.965	9.096	2.556	11.725	9.001	2.633	11.491	8.907	2.738	11.261	8.815	2.957

COOLING

INDOOR		OUTDOOR DB(°C)											
DB(°C)	WB(°C)	40			46			48			52		
		TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)
21	16	8.927	8.559	2.927	8.098	8.062	3.308	6.606	6.570	2.696	6.155	6.119	2.318
	19	9.603	8.547	3.018	8.712	8.012	3.411	7.106	6.406	2.780	6.621	5.921	2.391
24	16	8.956	8.579	2.938	8.125	8.080	3.320	6.627	6.583	2.706	6.175	6.130	2.327
	19	9.632	8.566	3.029	8.738	8.030	3.423	7.128	6.419	2.790	6.641	5.933	2.399
	22	10.212	8.556	3.121	9.264	7.987	3.526	7.557	6.279	2.874	7.041	5.764	2.472
26.6	19.4	9.777	8.577	3.062	8.870	8.032	3.460	7.030	6.313	2.790	6.741	6.024	2.399
27	16	8.985	8.598	2.949	8.151	8.098	3.333	6.649	6.596	2.716	6.195	6.142	2.336
	19	9.661	8.586	3.040	8.765	8.048	3.436	6.960	6.243	2.770	6.661	5.944	2.383
	22	10.241	8.575	3.132	9.291	8.005	3.539	7.578	6.292	2.884	7.061	5.775	2.480
	25	10.855	8.564	3.226	9.848	7.959	3.645	8.033	6.144	2.971	7.485	5.596	2.555
29	16	9.014	8.618	2.960	8.178	8.116	3.345	6.670	6.609	2.726	6.215	6.153	2.345
	19	9.690	8.605	3.051	8.790	8.065	3.448	7.171	6.446	2.810	6.680	5.955	2.417
	22	10.270	8.594	3.143	9.317	8.023	3.551	7.600	6.305	2.894	7.081	5.787	2.489
	27	10.884	8.583	3.237	9.875	7.977	3.657	8.054	6.157	2.981	7.505	5.607	2.563
33	16	9.053	8.647	2.977	8.213	8.143	3.364	6.699	6.629	2.741	6.242	6.172	2.358
	19	9.729	8.634	3.068	8.826	8.093	3.467	7.200	6.466	2.825	6.708	5.974	2.430
	22	10.309	8.624	3.159	9.352	8.050	3.570	7.628	6.326	2.909	7.108	5.805	2.502
	27	10.923	8.612	3.253	9.910	8.004	3.676	8.083	6.178	2.996	7.531	5.626	2.576

HEATING

INDOOR	OUTDOOR WB (°C)															
DB(°C)	-15		-10		-5		0		7		10		15		20	
	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
15	5.486	1.868	6.912	1.895	8.119	1.975	9.546	2.322	10.972	2.669	11.959	2.909	12.618	3.070	13.715	3.337
20	6.541	1.943	7.174	1.971	8.229	2.054	9.179	2.415	10.550	2.776	11.500	3.026	12.133	3.192	13.188	3.470
26	5.072	2.021	6.391	2.050	7.507	2.136	8.825	2.512	10.144	2.887	11.057	3.268	11.666	3.320	12.680	3.609

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COOLING

INDOOR		OUTDOOR DB(°C)														
DB(°C)	WB(°C)	19			25			27			30			35		
		TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)
21	16	11.767	10.714	2.695	12.386	10.961	2.937	12.139	10.862	3.026	11.896	10.765	3.147	11.658	10.670	3.398
	19	12.657	10.717	2.779	13.324	10.983	3.029	13.057	10.877	3.120	12.796	10.772	3.244	12.540	10.670	3.504
24	16	11.797	10.734	2.703	12.418	10.982	2.946	12.170	10.883	3.034	11.927	10.785	3.156	11.688	10.690	3.408
	19	12.688	10.737	2.787	13.355	11.004	3.037	13.088	10.897	3.129	12.827	10.793	3.254	12.570	10.690	3.514
	22	13.451	10.740	2.870	14.159	11.023	3.129	13.875	10.910	3.223	13.598	10.799	3.352	13.326	10.690	3.620
26.6	19.4	12.871	10.751	2.814	13.548	11.022	3.067	13.277	10.913	3.159	13.011	10.807	3.286	12.751	10.703	3.549
27	16	11.828	10.754	2.711	12.450	11.003	2.955	12.201	10.903	3.043	11.957	10.806	3.165	11.718	10.710	3.418
	19	12.718	10.757	2.795	13.387	11.025	3.046	13.120	10.918	3.137	12.857	10.813	3.263	12.600	10.710	3.524
	22	13.481	10.760	2.878	14.191	11.044	3.137	13.907	10.930	3.232	13.629	10.819	3.361	13.356	10.710	3.630
	25	14.290	10.763	2.965	15.042	11.064	3.232	14.741	10.943	3.329	14.446	10.826	3.462	14.157	10.710	3.739
29	16	11.858	10.774	2.719	12.482	11.024	2.963	12.232	10.924	3.052	11.988	10.826	3.174	11.748	10.730	3.428
	19	12.748	10.777	2.803	13.419	11.046	3.055	13.151	10.938	3.146	12.888	10.833	3.272	12.630	10.730	3.534
	22	13.511	10.780	2.886	14.222	11.065	3.146	13.938	10.951	3.240	13.659	10.839	3.370	13.386	10.730	3.640
	27	14.320	10.783	2.973	15.074	11.085	3.240	14.772	10.964	3.337	14.477	10.846	3.471	14.187	10.730	3.749
33	16	11.898	10.804	2.731	12.525	11.055	2.976	12.274	10.954	3.066	12.029	10.856	3.188	11.788	10.760	3.443
	19	12.789	10.807	2.814	13.462	11.077	3.068	13.192	10.969	3.160	12.929	10.863	3.286	12.670	10.760	3.549
	22	13.552	10.810	2.898	14.265	11.096	3.159	13.980	10.981	3.254	13.700	10.870	3.384	13.426	10.760	3.655
	27	14.361	10.813	2.985	15.116	11.116	3.253	14.814	10.995	3.351	14.518	10.876	3.485	14.227	10.760	3.764

COOLING

INDOOR		OUTDOOR DB(°C)											
DB(°C)	WB(°C)	40			46			48			52		
		TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)	TC(KW)	SC(KW)	PI(KW)
21	16	11.192	10.390	3.670	10.026	9.691	4.074	8.953	8.618	3.687	8.522	8.187	3.244
	19	12.038	10.369	3.784	10.784	9.617	4.201	9.631	8.463	3.802	9.167	7.999	3.345
24	16	11.220	10.409	3.681	10.052	9.708	4.086	8.976	8.633	3.698	8.544	8.200	3.254
	19	12.067	10.388	3.795	10.810	9.634	4.213	9.654	8.478	3.812	9.189	8.013	3.355
	22	12.793	10.370	3.909	11.460	9.571	4.339	10.234	8.345	3.927	9.741	7.852	3.456
26.6	19.4	12.241	10.397	3.833	10.966	9.632	4.254	9.670	8.486	3.837	9.321	8.137	3.376
27	16	11.249	10.429	3.692	10.077	9.726	4.098	8.999	8.648	3.709	8.566	8.214	3.264
	19	12.096	10.408	3.806	10.836	9.652	4.225	9.573	8.389	3.810	9.211	8.026	3.353
	22	12.822	10.389	3.920	11.486	9.588	4.351	10.257	8.359	3.938	9.763	7.865	3.465
	25	13.591	10.370	4.038	12.175	9.521	4.482	10.873	8.218	4.056	10.349	7.694	3.569
29	16	11.278	10.448	3.703	10.103	9.743	4.110	9.022	8.662	3.719	8.588	8.228	3.273
	19	12.125	10.427	3.817	10.700	9.572	4.171	9.700	8.572	3.775	9.095	7.967	3.322
	22	12.851	10.409	3.931	11.512	9.606	4.363	10.280	8.374	3.949	9.785	7.879	3.475
	27	13.620	10.390	4.049	12.201	9.538	4.494	10.896	8.233	4.067	10.371	7.708	3.579
33	16	11.316	10.477	3.719	10.138	9.770	4.128	9.053	8.685	3.736	8.617	8.249	3.287
	19	12.163	10.456	3.833	10.896	9.696	4.255	9.731	8.530	3.850	9.262	8.061	3.388
	22	12.889	10.438	3.947	11.546	9.632	4.381	10.311	8.397	3.965	9.814	7.900	3.489
	27	13.658	10.419	4.065	12.236	9.565	4.512	10.927	8.256	4.083	10.400	7.730	3.593

HEATING

INDOOR	OUTDOOR WB (°C)															
DB(°C)	-15		-10		-5		0		7		10		15		20	
	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)	TC(kW)	PI(kW)
15	7.540	2.827	9.500	2.867	11.159	2.988	13.120	3.513	15.080	4.038	16.437	4.402	17.342	4.644	18.850	5.048
20	8.990	2.940	9.860	2.982	11.310	3.108	12.615	3.654	14.500	4.200	15.805	4.578	16.675	4.830	18.125	5.250
26	6.971	3.058	8.784	3.101	10.317	3.232	12.130	3.800	13.942	4.368	15.197	4.944	16.034	5.023	17.428	5.460



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