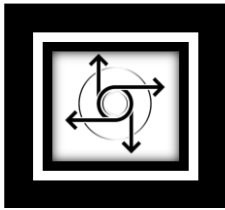


DOUBLE SKIN ROOFTOP PACKAGE UNIT

Our quality build your comfort



Features



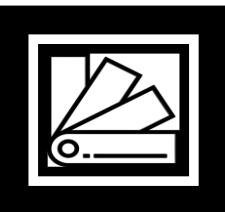
Indoor Fan

Various rotation blower available to suit different needs on ducting connection.



Hermetic Scroll Compressor

High efficiency, stable, high durability and quiet operation.



Wide Range of Products

Wide range of cooling capacity to cater for various needs.



Coil Coating

Outdoor and indoor coil coating available for extra protection against corrosion.



Green Energy

EC Fan as option to gain energy saving for green environment.

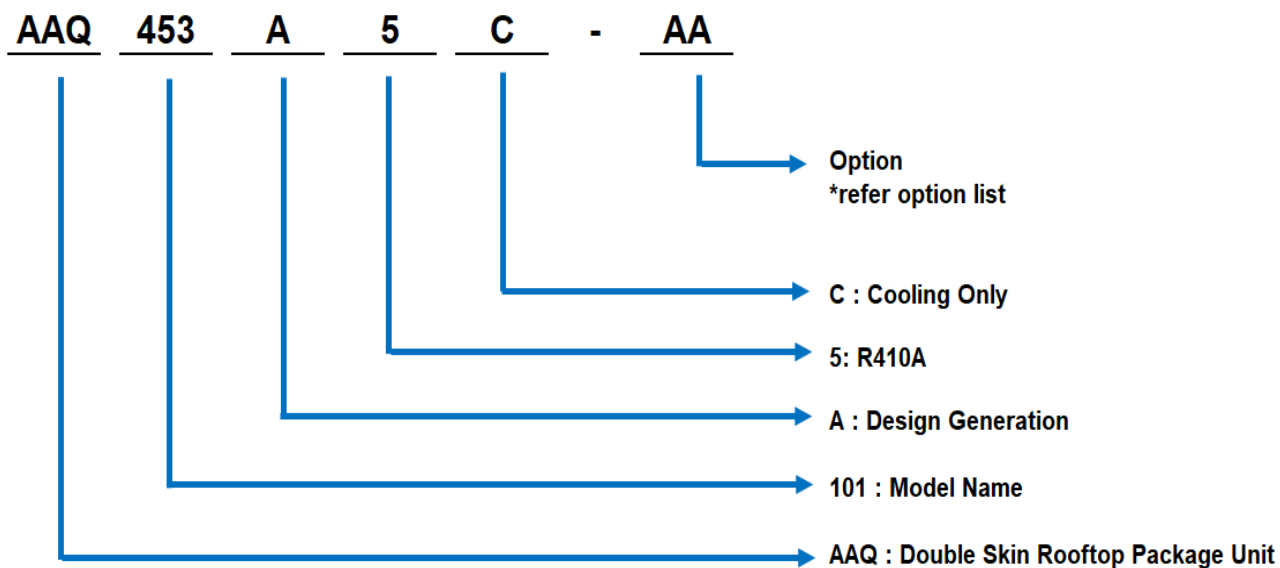


Technical Performance Guarantee

Coil selection by certified AHRI software.

Nomenclature

Double Skin Rooftop Package Unit



Option list

Indoor Features

EH	Electrical Heater
AH	Humidifier
HR	Heat Recovery
SF	F8 Secondary filter
CF	Carbon Filter
HF	HEPA Filter
RC	RH Control
MB	Mixing box
CO	CO2 sensor

Coil Coating

XC	Epoxy Coating
HC	Heresite Coating

Indoor Fan

EF	EC Plug Fan
CF	Centrifugal Fan (Pulley and Belt)

Indoor Fan Discharge Position

TD	Top Discharge
SD	Side Discharge
BD	Bottom Discharge

Specification Data

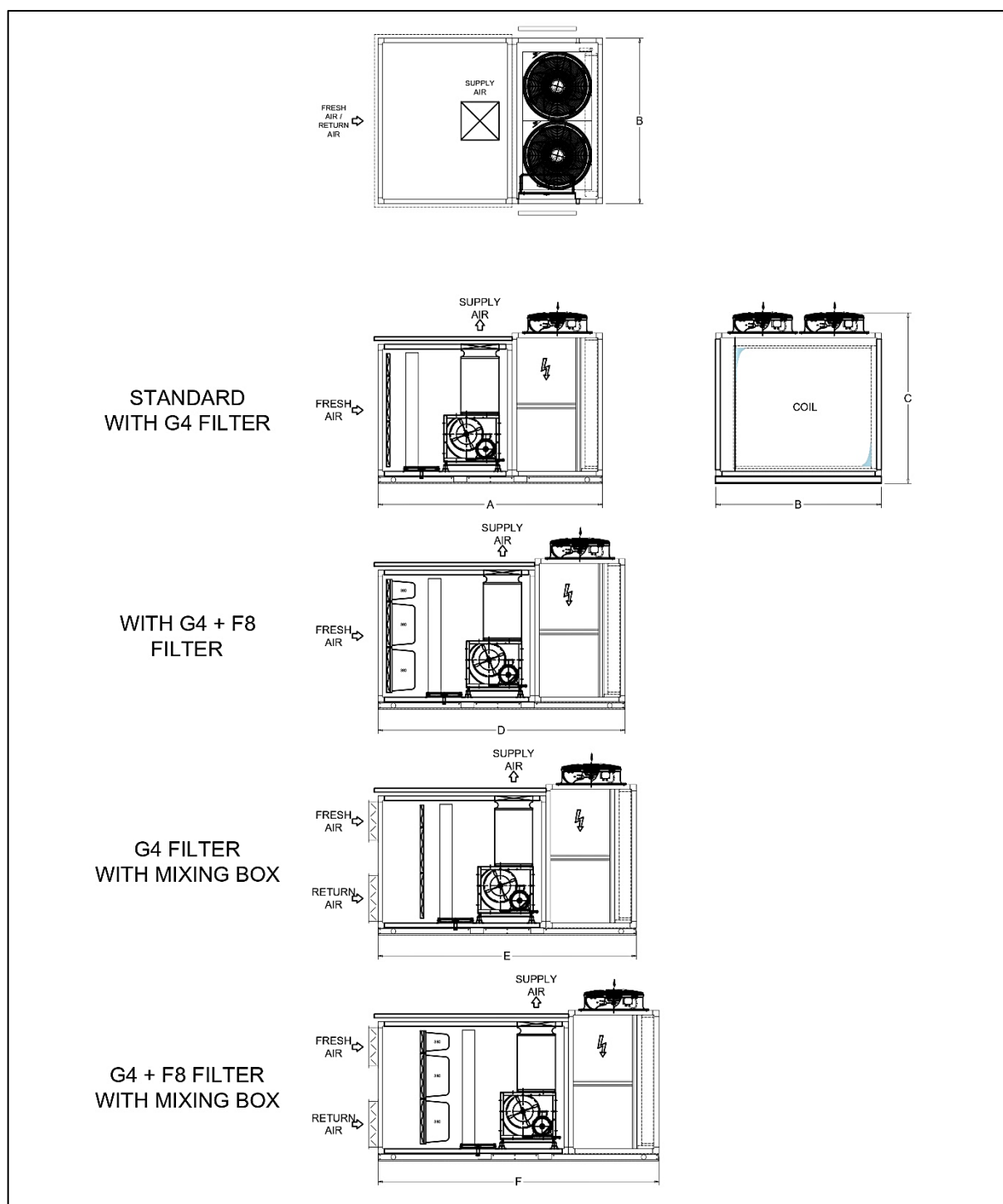
MODEL		AAQ202	AAQ242	AAQ272	AAQ302	AAQ353	AAQ403	AAQ453	AAQ524	AAQ604	AAQ804	
NOMINAL TOTAL COOLING CAPACITY	kW	58.7	65.8	77.6	88.0	102.6	113.0	131.9	153.0	168.0	235.0	
	Btu/Hr	200,284	224,510	264,771	300,256	350,071	385,556	450,043	522,036	573,216	801,820	
NOMINAL TOTAL POWER INPUT	kW	22.4	24.9	28.7	32.3	37.9	43.3	45.9	56.2	64.4	88.6	
NOMINAL TOTAL RUNNING CURRENT	A	42.4	46.2	52.3	59.7	69.1	78.8	86.4	101.0	117.9	153.8	
MAXIMUM TOTAL RUNNING CURRENT	A	52.5	59.6	66.9	74.5	86.1	100.1	111.6	126.0	148.0	196.1	
COP		2.62	2.65	2.70	2.72	2.70	2.61	2.87	2.72	2.61	2.65	
EER		8.94	9.03	9.22	9.29	9.23	8.91	9.80	9.29	8.90	9.05	
AIR FLOW	l/s	2,778	3,194	3,750	4,167	4,722	5,556	6,250	7,222	8,194	11,111	
	m3/h	10,000	11,500	13,500	15,000	17,000	20,000	22,500	26,000	29,500	40,000	
STANDARD EXTERNAL STATIC PRESSURE	Pa	250	250	250	250	250	250	250	250	250	250	
SOUND PRESSURE LEVEL	dB(A)	68	70	71	72	70	71	71	68	70	65	
REFRIGERANT TYPE		R410A										
		CONDENSING SECTION										
POWER SUPPLY		380~415V / 3Ph / 50Hz										
COMPRESSOR	TYPE	FULLY HERMETIC SCROLL TYPE										
	QUANTITY	2	2	2	2	3	3	3	4	4	4	
	NOMINAL POWER INPUT	kW	18.4	20.8	23.7	26.5	32.5	35.5	38.1	47.3	54.2	74.4
	NOMINAL CURRENT	A	33.8	37.5	41.6	48.1	57.9	62.4	69.9	83.2	97.6	126.2
CONDENSER	TYPE	AL-CU FINNED TUBE HEAT EXCHANGER										
	AREA	m2	2.56	2.56	3.02	3.02	3.02	3.02	3.02	3.02	4.53	
CONDENSER FAN	TYPE	HIGH EFFICIENCY AXIAL FAN										
	DRIVE	DIRECT DRIVE										
	QUANTITY	2	2	2	2	2	4	4	4	4	6	
MOTOR	NOMINAL POWER INPUT	kW	1.20	1.20	1.20	1.20	1.20	2.40	2.40	2.40	3.60	
	NOMINAL CURRENT	A	2.66	2.66	2.66	2.66	2.66	5.32	5.32	5.32	7.98	
	QUANTITY	pcs	2	2	2	2	2	4	4	4	4	6
		EVAPORATING SECTION										
POWER SUPPLY		380~415V / 3Ph / 50Hz										
EVAPORATOR	TYPE	AL-CU FINNED TUBE HEAT EXCHANGER										
	AREA	m2	1.19	1.37	1.60	1.78	2.01	2.38	2.56	3.02	3.29	4.79
EVAPORATOR FAN	TYPE	CENTRIFUGAL FAN										
	DRIVE	BELT DRIVEN										
	QUANTITY	pcs	1	1	1	1	1	1	1	1	1	
MOTOR	TYPE	SQUIRREL CAGE INDUCTION MOTOR										
	POWER INPUT	kW	2.75	2.91	3.86	4.62	4.27	5.38	5.47	6.46	7.82	10.6
	POWER OUTPUT	kW	4.0	4.0	5.5	5.5	5.5	7.5	7.5	7.5	11.0	15.0
	NOMINAL CURRENT	A	5.89	6.04	8.01	8.93	8.61	11.01	11.19	12.48	14.90	19.66
	QUANTITY	pcs	1	1	1	1	1	1	1	1	1	1
AIR FILTER	TYPE	G4 FILTER										
		CONNECTIONS & DIMENSIONS										
DRAIN PIPE CONNECTION		DN25 (1" MALE THREADED)										
NET WEIGHT	kg	1030	1085	1180	1280	1300	1540	1900	1950	2480	3320	
OUTLINE DIMENSIONS	LENGTH	mm	2980	3080	3190	3190	3290	3770	4500	4500	5300	7370
	WIDTH	mm	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
	HEIGHT	mm	2100	2340	2340	2340	2340	2340	2340	2340	2510	2510

Note :

- Test conditions of nominal total cooling capacity as below:
 - Indoor Condition: 27°C DB / 19°C WB
 - Outdoor Condition: 35°C DB
- Standard with G4 Filter
- Non standard Air Flow and ESP are available upon request
- Materials and specifications are subject to change without notice due to the manufacturer's ongoing research and development programme

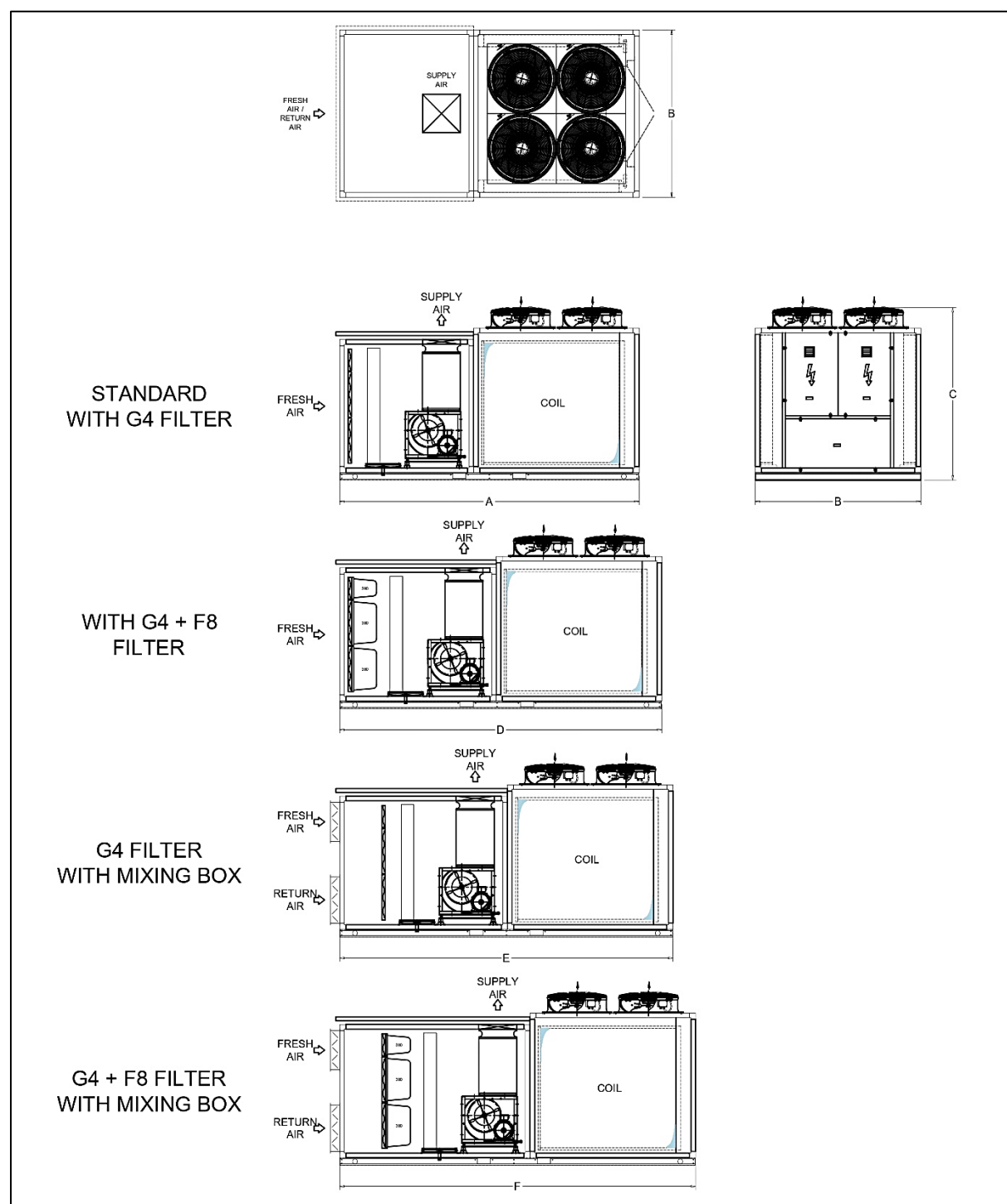
Dimension

Model : AAQ202/242/272/302/353/403



		AAQ202	AAQ242	AAQ272	AAQ302	AAQ353	AAQ403	
LENGTH	A	2980	3080	3190	3190	3290	3770	STANDARD WITH G4 FILTER
WIDTH	B	2200	2200	2200	2200	2200	2200	
HEIGHT	C	2100	2340	2340	2340	2340	2340	
LENGTH	D	3280	3380	3490	3490	3590	4070	WITH G4 + F8 FILTER
LENGTH	E	3430	3530	3640	3640	3740	4220	G4 FILTER WITH MIXING BOX
LENGTH	F	3730	3830	3940	3940	4040	4520	G4 + F8 FILTER WITH MIXING BOX

Model : AAQ453/524/604/804



		AAQ453	AAQ524	AAQ604	AAQ804	
LENGTH	A	4500	4500	5300	7370	STANDARD WITH G4 FILTER
WIDTH	B	2200	2200	2200	2200	
HEIGHT	C	2340	2340	2510	2510	
LENGTH	D	4800	4800	5600	7670	WITH G4 + F8 FILTER
LENGTH	E	4950	4950	5750	7820	G4 FILTER WITH MIXING BOX
LENGTH	F	5250	5250	6050	8120	G4 + F8 FILTER WITH MIXING BOX



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ISO 9001: 2015 Cert.No 770145

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