



KEMENTERIAN PEMBANGUNAN
NEGARA BRUNEI DARUSSALAM

BARANGAN YANG DILULUSKAN

Rujukan barangan yang diluluskan : (1919) KPN/ABCi/C/8.0
Tarikh dikeluarkan : 26th January 2013
Tarikh Mansuh : 2nd January 2015

Dengan ini diakui bahawa, O-Carrier (B) Sdn Bhd., Unit 8 & 9, Block D, Bangunan Haji Lajim & Anak-Anak, Kampong Kiarong BE1318, Bandar Seri Begawan, Negara Brunei Darussalam telah mengikuti skim persijilan barangan Kementerian Pembangunan seperti keterangan di bawah ini :-

Skim Persijilan : Scheme 2
(refer certification procedures STD3/003
Issue No. 11, Revision 27th May 2008)
: **The use of these products subject to the user's
specific technical and contractual requirements**

Barangan yang diluluskan : **30 SERIES – CARRIER AIR-COOLED SCOLL
CHILLER FROM CHINA AND TOSHIBA AIR
CONDITIONING PRODUCTS**

Note : Please refer to Schedule

Tajuk dan Nombor Piawai (spesikasi) : ISO 9001 : 2008
yang berkenaan terhadap persijilan yang
dikehendaki. Design and Manufacture of Air-Conditioning
Equipment

Issued by : Det Norske Veritas (DNV)
Certificate No. : 3655-1995-AQ-RGC-RvA
Certification Validity : 02/01/2015

Dy. Suzana

[DR. HAJAH DAYANG SUZANA BINTI HAJI AWANG ADENAN]
b/p. Setiausaha Tetap (Teknikal & Professional)
Kementerian Pembangunan



SCHEDULE
 (1919) KPN/ABCi/C/8.0
 Q-CARRIER (B) SDN BHD.

**30 SERIES - CARRIER AIR-COOLED SCROLL CHILLER FROM CHINA AND
 TOSHIBA AIR CONDITIONING PRODUCTS**

Checked by Department of Mechanical and Electrical, Public Works Department

SR. NO	TYPE	MODEL NO	REF	NOMINAL COOLING CAPACITY IN KW	NOMINAL HEATING CAPACITY IN KW	BRAND	COUNTRY OF ORIGIN
1	AIR COOLED SCROLL CHILLERS	30 SERIES	R410A	18 KW TO 900 KW	-	CARRIER	CHINA
CONDENSING UNIT							
2	INVERTER MULTI SPLIT	RAS-M18GAV-E	R410A	5.2	-	TOSHIBA	THAILAND
3		RAS-SM20SACV		5.8	-		
4		RAS-4M26SACV		7.5	-		
5		RAS-M22SDCV		6.5	-		
6	VRF MINI-SMMS SERIES	MCY-MAP0401HT	R410A	12.1	-	TOSHIBA	THAILAND THAILAND/CHINA
7		MCY-MAP0501HT		14	-		
8		MCY-MAP0804HT8		15.5	-		
9		MCY-MAP0804HT8		22.4	-		
9		MCY-MAP1004HT8		22.4	-		
9	MCY-MAP1204HT8	22.4	-				
10	VRF SMMS-I SERIES	MMY-MAP0501HT8P	R410A	14	-	TOSHIBA	THAILAND
11		MMY-MAP0601HT8P		16	-		
12		MMY-MAP0804HT8P		22.4	-		
13		MMY-MAP1004HT8P		28	-		
14		MMY-MAP1204HT8P		33.5	-		
15		MMY-MAP1404HT8P		40	-		
16	MMY-MAP1804HT8P	45	-				
CASSETTE UNIT							
17	INVERTER 4 WAY DISCHARGE (COMPACT)	RAV-SM562MUT-E / RAV-SM563AT-E	R410A	5.84	-	TOSHIBA	THAILAND
18	INVERTER 4 WAY DISCHARGE	RAV-SM564UT-E / RAV-SM563AT-E	R410A	5.84	-	TOSHIBA	THAILAND
19		RAV-SM804UT-E / RAV-SM803AT-E		8.76	-		
20		RAV-SE1001U/RAV-TE1001A8		10	-		
21		RAV-SM1104UT-E / RAV-SM1103AT-E		11.68	-		
22	RAV-SE1251U/RAV-TE1251A8	12.1	-				
23	RAV-SM1404UT-E / RAV-SM1403AT-E	14.6	-				
24	RAV-SM1604UT-E / RAV-SM1603AT-E	17.51	-				
25	VRF SMMS-I SERIES (COMPACT 4 WAY DISCHARGE)	MMU-AP0074MH	R410A	2.2	-	TOSHIBA	THAILAND
26		MMU-AP0094MH		2.8	-		
27		MMU-AP0124MH		3.6	-		
28		MMU-AP0154MH		4.5	-		
29	MMU-AP0184MH	5.6	-				
30	VRF SMMS-I SERIES (4 WAY DISCHARGE)	MMU-AP0094H	R410A	2.8	-	TOSHIBA	THAILAND
31		MMU-AP0124H		3.6	-		
32		MMU-AP0154H		4.5	-		
33		MMU-AP0184H		5.6	-		
34		MMU-AP0244H		7.1	-		
35		MMU-AP0274H		8	-		
36		MMU-AP0304H		9	-		
37		MMU-AP0384H		11.2	-		
38		MMU-AP0484H		14	-		
39	MMU-AP0564H	16	-				



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40	VRF SMMS-I SERIES (2 WAY DISCHARGE)	MMU-AP0072WH	R410A	2.2	-	TOSHIBA	THAILAND
41		MMU-AP0082WH		2.8	-		
42		MMU-AP0122WH		3.6	-		
43		MMU-AP0152WH		4.5	-		
44		MMU-AP0182WH		5.6	-		
45		MMU-AP0242WH		7.1	-		
46		MMU-AP0272WH		8	-		
47		MMU-AP0302WH		9	-		
48		MMU-AP0362WH		11.2	-		
49		MMU-AP0482WH		14	-		
50	MMU-AP0562WH	16	-				
51	VRF SMMS-I SERIES (COMPACT 1 WAY DISCHARGE)	MMU-AP0071YH	R410A	2.2	-	TOSHIBA	THAILAND
52		MMU-AP0081YH		2.8	-		
53		MMU-AP0121YH		3.6	-		
54		MMU-AP0152SH		4.5	-		
55		MMU-AP0182SH		5.6	-		
56	MMU-AP0242SH	7.1	-				
UNDERCEILING UNIT							
57	GREEN INVERTER SERIES	RAV-SM564CT-E / RAV-SM563AT-E	R410A	5.84	-	TOSHIBA	THAILAND
58		RAV-SM804CT-E / RAV-SM803AT-E		8.76	-		
59		RAV-SM1104CT-E / RAV-SM1103AT-E		11.68	-		
60		RAV-SM1404CT-E / RAV-SM1403AT-E		14.6	-		
61	VRF SMMS-I SERIES (CONSOLE)	MML-AP0074NH-E	R410A	2.3	-	TOSHIBA	THAILAND
62		MML-AP0094NH-E		2.9	-		
63		MML-AP0124NH-E		3.6	-		
64		MML-AP0154NH-E		4.5	-		
65	MML-AP0184NH-E	5.6	-				
66	VRF SMMS-I SERIES	MMC-AP0154H	R410A	4.5	-	TOSHIBA	THAILAND
67		MMC-AP0184H		5.6	-		
68		MMC-AP0244H		7.1	-		
69		MMC-AP0274H		8	-		
70		MMC-AP0364H		11.2	-		
71	MMC-AP0484H	14	-				
DUCTED UNIT							
72	GREEN INVERTER SERIES	RAV-SM564BT-E / RAV-SM563AT-E	R410A	5.84	-	TOSHIBA	THAILAND
73		RAV-SM804BT-E / RAV-SM803AT-E		8.76	-		
74		RAV-SM1104BT-E / RAV-SM1103AT-E		11.68	-		
75		RAV-SM1404BT-E / RAV-SM1403AT-E		14.6	-		
76		RAV-SM2242DT-E / RAV-SM2244ATB-E		23.95	-		
77		RAV-SM2802DT-E / RAV-SM2804ATB-E		29.19	-		
78	VRF SMMS-I SERIES (DUCT CONCEALED)	MMD-AP0074BH	R410A	2.2	-	TOSHIBA	THAILAND & CHINA
79		MMD-AP0094BH		2.8	-		
80		MMD-AP0124BH		3.6	-		
81		MMD-AP0154BH		4.5	-		
82		MMD-AP0184BH		5.6	-		
83		MMD-AP0244BH		7.1	-		
84		MMD-AP0274BH		8	-		
85		MMD-AP0304BH		9	-		
86		MMD-AP0364BH		11.2	-		
87		MMD-AP0484BH		14	-		
88		MMD-AP0564BH		16	-		
89	VRF SMMS-I SERIES (HIGH STATIC DUCT CONCEALED)	MMD-AP0184H	R410A	5.6	-	TOSHIBA	THAILAND & CHINA
90		MMD-AP0244H		7.1	-		
91		MMD-AP0274H		8	-		
92		MMD-AP0364H		11.2	-		
93		MMD-AP0484H		14	-		
94		MMD-AP0724H		22.4	-		
95	MMD-AP0964H	28	-				
96	VRF SMMS-I SERIES (SLIM DUCTED)	MMD-AP0074SPH	R410A	2.2	-	TOSHIBA	THAILAND & CHINA
97		MMD-AP0094SPH		2.8	-		
98		MMD-AP0124SPH		3.6	-		
99		MMD-AP0154SPH		4.5	-		
100	MMD-AP0184SPH	5.6	-				
HIGH WALL MOUNTED UNIT							
101	NORMAL FIXED SPEED	RAS-1083K / RAS-1082AX-3	R22	2.6	-	TOSHIBA	THAILAND
102		RAS-1383PX-2 / RAS-1382AX-2		3.75	-		
103		RAS-1883PX / RAS-1882AX		5.25	-		
104		RAS-2483PX-2 / RAS-2482AX-2		6.45	-		
101	NORMAL FIXED SPEED	42CUR010/38CUR010	R22	2.6	-	CARRIER	THAILAND
102		42CUR013/38CUR013		3.75	-		
103		42CUR018/38CUR018		5.25	-		
104		42CUR024/38CUR024		6.45	-		
101	GREEN SERIES INVERTER	42CVUR010/38CVUR010	R410A	2.6	-	CARRIER	THAILAND
102		42CVUR013/38CVUR013		3.75	-		
103		42CVUR018/38CVUR018		5.25	-		
104		42CVUR024/38CVUR024		6.45	-		



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105	GREEN SERIES	RAS-10N3K / RAS-10N3A	R410A	2.73	-	TOSHIBA	THAILAND
106		RAS-13N3K / RAS-13N3A		3.78	-		
107		RAS-18N3K / RAS-18N3A		5.35	-		
108		RAS-24N3K / RAS-24N3A		6.85	-		
109	GREEN SERIES INVERTER	RAS-M10N3KCV / RAS-10N3ACV	R410A	3	-	TOSHIBA	THAILAND
110		RAS-M13N3KCV / RAS-13N3ACV		4	-		
111		RAS-M18N3KCV / RAS-18N3ACV		5	-		
112		RAS-M18N3KCV / RAS-18N3ACV		6	-		
113		RAS-M22N3KCV / RAS-22N3ACV		6.5	-		
114		RAS-M24N3KCV / RAS-24N3ACV		6.5	-		
115	VRF SMMS-I SERIES (2 SERIES)	MMK-AP0074	R410A	2.2	-	TOSHIBA	THAILAND
116		MMK-AP0064		2.8	-		
117		MMK-AP0124		3.6	-		
118	VRF SMMS-I SERIES (3 SERIES)	MMK-AP0073H	R410A	2.2	-	TOSHIBA	THAILAND
119		MMK-AP0083H		2.8	-		
120		MMK-AP0123H		3.6	-		
121		MMK-AP0153H		4.5	-		
122		MMK-AP0183H		5.6	-		
123		MMK-AP0243H		7.1	-		
124	MULTI SPLIT	RAS-M10SKCV	R410A	2.7	-	TOSHIBA	THAILAND
125		RAS-M13SKCV		3.7	-		
126		RAS-M16SKCV		4.5	-		
127		RAS-M22SKCV		6	-		
FLOOR STANDING UNIT							
128	VRF SMMS-I SERIES (CONCEALED)	MML-AP0074BH	R410A	2.2	-	TOSHIBA	THAILAND
129		MML-AP0064BH		2.8	-		
130		MML-AP0124BH		3.6	-		
131		MML-AP0154BH		4.5	-		
132		MML-AP0184BH		5.6	-		
133	MML-AP0244BH	7.1	-				
134	VRF SMMS-I SERIES (CABINET)	MML-AP0074H	R410A	2.2	-	TOSHIBA	THAILAND
135		MML-AP0064H		2.8	-		
136		MML-AP0124H		3.6	-		
137		MML-AP0154H		4.5	-		
138	MML-AP0184H	5.6	-				
139	MML-AP0244H	7.1	-				
140	VRF SMMS-I SERIES (HIGH CABINET)	MMF-AP0154H	R410A	4.5	-	TOSHIBA	THAILAND
141		MMF-AP0184H		5.6	-		
142		MMF-AP0244H		7.1	-		
143		MMF-AP0274H		8	-		
144		MMF-AP0364H		11.2	-		
145		MMF-AP0484H		14	-		
146	MMF-AP0664H	16	-				
FRESH AIR IN TAKE							
147	VRF SMMS-I SERIES	MMD-AP0481HFE	R410A	14	-	TOSHIBA	THAILAND
148		MMD-AP0721HFE		22.4	-		
149		MMD-AP0961HFE		28	-		
AIR TO AIR EXCHANGER							
150	WITH DX COIL, HUMIDIFIER	MMD-VNK502HEXE	R410A	500 CMH	-	TOSHIBA	THAILAND
151		MMD-VNK802HEXE		800 CMH	-		
152		MMD-VNK1002HEXE		1000 CMH	-		
153	WITH DX COIL	MMD-VN502HEXE	R410A	500 CMH	-	TOSHIBA	THAILAND
154		MMD-VN802HEXE		800 CMH	-		
155		MMD-VN1002HEXE		1000 CMH	-		
156	BASIC	VN-M150HE	NA	150 CMH	-	TOSHIBA	THAILAND
157		VN-M250HE		250 CMH	-		
158		VN-M350HE		350 CMH	-		
159		VN-M500HE		500 CMH	-		
160		VN-M650HE		650 CMH	-		
161		VN-M800HE		800 CMH	-		
162	VN-M1000HE	1000 CMH	-				