

13-Nov-2009

To whom it may concern

### CERTIFICATE OF ORIGIN

We, the manufacturer, certifying that the products shown below were manufactured and inspected strictly in accordance with the engineering specifications and test procedures of Toshiba Carrier Corporation Japan.

Single Inverter	Multi Inverter	Light Commercial	Air to Water Heatpumps
RAS-B10SKVP-E	RAS-M14GAV-E	RAV-SM564UT-E	HWS-802H-E
RAS-B13SKVP-E	RAS-M18GAV-E	RAV-SM804UT-E	HWS-802XWHM3-E
RAS-B16SKVP-E	RAS-3M26GAV-E1	RAV-SM1104UT-E	HWS-802XWHT6-E
RAS-10SKVP-ND	RAS-4M27GAV-E1	RAV-SM1404UT-E	HWS-1102H-E
RAS-13SKVP-ND	RAS-3M18SAV-E	RAV-SM1604UT-E	HWS-1402XWHM3-E
RAS-16SKVP-ND	RAS-4M23SAV-E	RAV-SM402MUT-E	HWS-1402XWHT6-E
RAS-10SAVP-E	RAS-M14GACV-E	RAV-SM452MUT-E	HWS-1402XWHT9-E
RAS-13SAVP-E	RAS-M18GACV-E	RAV-SM562MUT-E	HWS-1402H-E
RAS-16SAVP-E	RAS-3M23GACV-E	RAV-SM562BT-E	HWS-1402XWHM3-E
RAS-10SAVP-ND	RAS-4M27GACV-E	RAV-SM802BT-E	HWS-1402XWHT6-E
RAS-13SAVP-ND	RAS-3M18SACV-E	RAV-SM1102BT-E	HWS-1402XWHT9-E
RAS-16SAVP-ND	RAS-4M23SACV-E	RAV-SM1402BT-E	
RAS-07PKVP-E	RAS-M10GDV-E	RAV-SM404SDT-E	
RAS-10PKVP-E	RAS-M13GDV-E	RAV-SM454SDT-E	
RAS-13PKVP-E	RAS-M16GDV-E	RAV-SM564SDT-E	
RAS-16PKVP-E	RAS-M10GDCV-E	RAV-SM562CT-E	
RAS-18SPKVP-E	RAS-M13GDCV-E	RAV-SM802CT-E	
RAS-07PAVP-E	RAS-M16GDCV-E	RAV-SM1102CT-E	
RAS-10PAVP-E	RAS-M10SKCVP-E	RAV-SM1402CT-E	
RAS-13PAVP-E	RAS-M13SKCVP-E	RAV-SM563AT-E	
RAS-16PAVP-E	RAS-M16SKCVP-E	RAV-SM803AT-E	
RAS-18PAVP-E	RAS-M10PKVP-E	RAV-SM1103AT-E	
RAS-07PKVP-ND	RAS-M13PKVP-E	RAV-SM1403AT-E	
RAS-10PKVP-ND	RAS-M16PKVP-E	RAV-SM1603AT-E	
RAS-13PKVP-ND	RAS-M18PKVP-E	RAV-SM2244AT8-E	
RAS-16PKVP-ND	RAS-M10PKVP-ND	RAV-SM2804AT8-E	
RAS-18SPKVP-ND	RAS-M13PKVP-ND	RAV-SP562AT-E	
RAS-07PAVP-ND	RAS-M16PKVP-ND	RAV-SP802AT-E	
RAS-10PAVP-ND	RAS-M18PKVP-ND	RAV-SP1102AT-E	
RAS-13PAVP-ND	RAS-M10SMUV-E	RAV-SP1402AT-E	
RAS-16PAVP-ND	RAS-M13SMUV-E	RAV-SP404AT-E	
RAS-18PAVP-ND	RAS-M16SMUV-E	RAV-SP454AT-E	
	RAS-M10SMUCV-E	RAV-SP564AT-E	
	RAS-M13SMUCV-E	RAV-SP804AT-E	
	RAS-M16SMUCV-E	RAV-SP1104AT-E	
	RB-F81E2	RAV-SP1404AT-E	
	RBC-SH-A1LE2		
	RB-A607DE		
	RB-A608DE		
<b>Heat Exchangers</b>			
VN-250TE			
VN-350TE			
VN-500TE			
VN-800TE			
VN-1KTAE			

## VRF

MMY-MAP0501HT8-E  
 MMY-MAP0601HT8-E  
 MMY-MAP0801HT8-E  
 MMY-MAP1001HT8-E  
 MMY-MAP1201HT8-E  
 MMY-MAP0501T8-E  
 MMY-MAP0601T8-E  
 MMY-MAP0801T8-E  
 MMY-MAP1001T8-E  
 MMY-MAP1201T8-E  
 MMY-MAP0802FT8-E  
 MMY-MAP1002FT8-E  
 MMY-MAP1202FT8-E  
 MMU-AP0091H  
 MMU-AP0121H  
 MMU-AP0151H  
 MMU-AP0181H  
 MMU-AP0241H  
 MMU-AP0271H  
 MMU-AP0301H  
 MMU-AP0361H  
 MMU-AP0481H  
 MMU-AP0561H  
 MMU-AP0092H  
 MMU-AP0122H  
 MMU-AP0152H  
 MMU-AP0182H  
 MMU-AP0242H  
 MMU-AP0272H  
 MMU-AP0302H  
 MMU-AP0362H  
 MMU-AP0482H  
 MMU-AP0562H  
 MMU-AP0071MH  
 MMU-AP0091MH  
 MMU-AP0121MH  
 MMU-AP0151MH  
 MMU-AP0181MH  
 MMU-AP0071WH  
 MMU-AP0091WH  
 MMU-AP0121WH  
 MMU-AP0151WH  
 MMU-AP0181WH  
 MMU-AP0241WH  
 MMU-AP0271WH  
 MMU-AP0301WH  
 MMU-AP0071YH  
 MMU-AP0091YH  
 MMU-AP0121YH  
 MMU-AP0152SH  
 MMU-AP0182SH  
 MMU-AP0242SH  
 MMD-AP0071BH  
 MMD-AP0091BH

MMD-AP0121BH  
 MMD-AP0151BH  
 MMD-AP0181BH  
 MMD-AP0241BH  
 MMD-AP0271BH  
 MMD-AP0301BH  
 MMD-AP0361BH  
 MMD-AP0481BH  
 MMD-AP0561BH  
 MMD-AP0181H  
 MMD-AP0241H  
 MMD-AP0271H  
 MMD-AP0361H  
 MMD-AP0481H  
 MMD-AP0721H  
 MMD-AP0961H  
 MMD-AP0481HFE  
 MMD-AP0721HFE  
 MMD-AP0961HFE  
 MMD-AP0071SPH  
 MMD-AP0091SPH  
 MMD-AP0121SPH  
 MMD-AP0151SPH  
 MMD-AP0181SPH  
 MMC-AP0151H  
 MMC-AP0181H  
 MMC-AP0241H  
 MMC-AP0271H  
 MMC-AP0361H  
 MMC-AP0481H  
 MMK-AP0071H  
 MMK-AP0091H  
 MMK-AP0121H  
 MMK-AP0151H  
 MMK-AP0181H  
 MMK-AP0241H  
 MML-AP0071BH  
 MML-AP0091BH  
 MML-AP0121BH  
 MML-AP0151BH  
 MML-AP0181BH  
 MML-AP0241BH  
 MML-AP0071H  
 MML-AP0091H  
 MML-AP0121H  
 MML-AP0151H  
 MML-AP0181H  
 MML-AP0241H  
 MMF-AP0151H  
 MMF-AP0181H  
 MMF-AP0241H  
 MMF-AP0271H  
 MMF-AP0361H  
 MMF-AP0481H

MMF-AP0561H  
 MCY-MAP0401HT  
 MCY-MAP0501HT  
 MCY-MAP0601HT

## Accessories

RBC-AMT31E  
 RBC-AMT32E  
 RBC-AMS41E  
 RBC-AS21E2  
 TCB-EXS21TLE  
 TCB-AX21U(W)-E2  
 RBC-AX31U(W)-E  
 RBC-AX31U(WS)-E  
 RBC-AX22CE2  
 TCB-AX21E2  
 TCB-DP11BE  
 RBC-TWP30E2  
 RBC-TWP50E2  
 RBC-TWP101E  
 RBC-DTWP101E  
 RBC-TRP100E  
 TCB-KBOS1E  
 TCB-PX30MUE  
 RBM-BY54E  
 RBM-BY104E  
 RBM-BY204E  
 RBM-BY304E  
 RBM-BY54FE  
 RBM-BY104FE  
 RBM-BY204FE  
 RBM-BY304FE  
 RBM-HY1043E  
 RBM-HY2043E  
 RBM-HY1083E  
 RBM-HY2083E  
 RBM-HY1043FE  
 RBM-HY2043FE  
 RBM-HY1083FE  
 RBM-HY2083FE  
 RBM-BT13E  
 RBM-BT13FE  
 RBM-Y1122FE  
 RBM-Y1802FE  
 RBM-Y2802FE  
 TCB-IFCB-4E2  
 TCB-PCDM2E  
 TCB-PCIN2E  
 TCB-PCMO2E  
 TCB-PCNT20E  
 TCB-PCNT30TLE2  
 TCB-SC642TLE2

TCB-TC21LE2  
 RBC-CBK15FE  
 TCB-PCOS1E2  
 TCB-IFLN640TLE  
 TCB-IFCG1TLE  
 TCB-IFCB640TLE  
 TCB-IFGSM1E  
 TCB-IFMB640TLE  
 BMS-TP0641ACE  
 BMS-TP0641PWE  
 BMS-TP5121ACE  
 BMS-TP5121PWE  
 BMS-IFWH4E2  
 BMS-IFDD02E2  
 BMS-CM1280TLE  
 BMS-CM1280FTLE  
 BMS-WB2561PWE  
 BMS-WB01GTE  
 BMS-STBN08E  
 BMS-LSV6E  
 BMS-IFLSV3E  
 TCB-LF1601UE2  
 TCB-UFM1601UE  
 TCB-UFH1601UE  
 TCB-GFC1601UE2  
 TCB-GB1601UE2  
 TCB-SP1601UE  
 TCB-BC1601UE  
 TCB-GFC1602UE  
 TCB-GB1602UE  
 TCB-SP1602UE  
 TCB-BC1602UE  
 TCB-UFM11BFCE  
 TCB-UFM21BFCE  
 TCB-UFH51BFCE  
 TCB-UFH61BFCE  
 TCB-FC281BE  
 TCB-FC501BE  
 TCB-FC801BE  
 TCB-FC1401BE  
 TCB-UFM11BE  
 TCB-UFM21BE  
 TCB-UFM31BE  
 TCB-UFM41BE  
 TCB-UFH51BE  
 TCB-UFH61BE  
 TCB-UFH71BE  
 TCB-UFH81BE  
 RBC-UD281PE(W)  
 RBC-UD501PE(W)  
 RBC-UD801PE(W)  
 RBC-UD1401PE(W)  
 TCB-CA281BE  
 TCB-CA501BE

**Accessories**

TCB-CA801BE	TCB-UFM4D-1E
TCB-CA1401BE	TCB-UFH7DE
TCB-FK281BE	TCB-UFH8D-1E
TCB-FK501BE	TCB-PF3DE
TCB-FK801BE	TCB-PF4D-1E
TCB-FK1401BE	TCB-FCY51DFE
TCB-UFM1D-1E	TCB-FCY100DE
TCB-UFM2D-1E	TCB-DP32DFE
TCB-UFM3DE	TCB-KBCN32VEE
TCB-UFH5D-1E	TCB-KBCN61HAE
TCB-UFH6D-1E	TCB-KBCN60OPE
TCB-PF1D-1E	TCB-KBCN80EXE
TCB-PF2D-1E	TCB-KBCN70OAE
TCB-PF3DE	TCB-KBCN73DEE
TCB-FCY21DE	RBM-PMV0361E
TCB-FCY31DE	RBM-PMV0901E
TCB-FCY51DE	RBM-PMV0362E
TCB-DP31DE	RBM-PMV0902E
TCB-DP32DE	TCB-PCIN3E
TCB-FF101URE2	TCB-PCMO3E
TCB-DP22CE2	
TCB-KP12CE2	
TCB-KP22CE2	

Yours faithfully,

**TOSHIBA CARRIER CORPORATION**

*M. Kamino*

Mina KAMINO

AUTHORIZED SIGNATORY BY MANAGER  
OF GLOBAL OPERATION DIVISION

