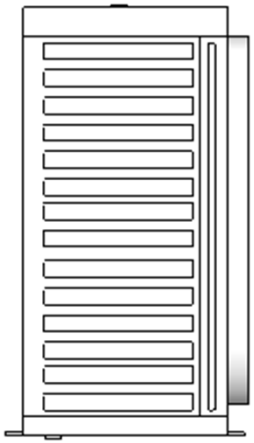
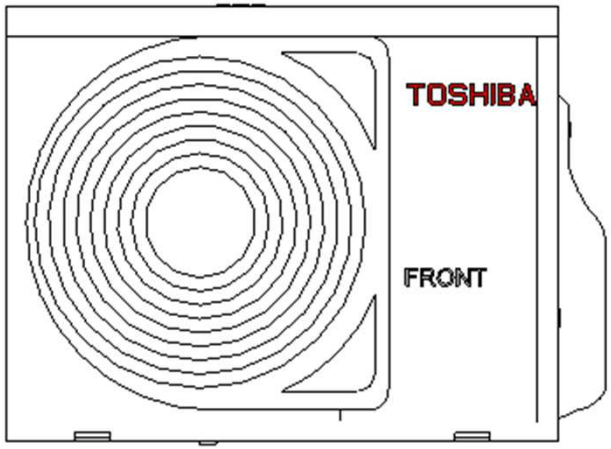
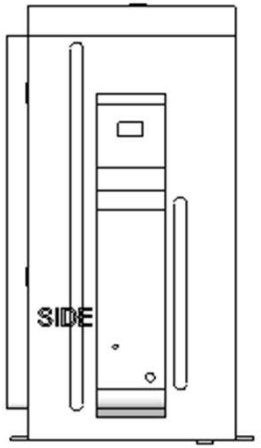
10. RAS_2MU2AVG_10-18

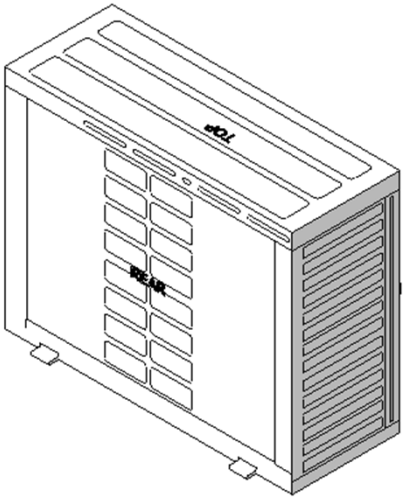
23-05-2019

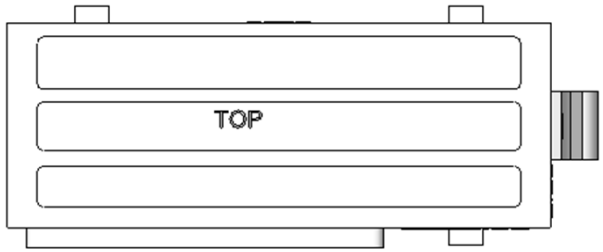
RAS_2MU2AVG_10-18

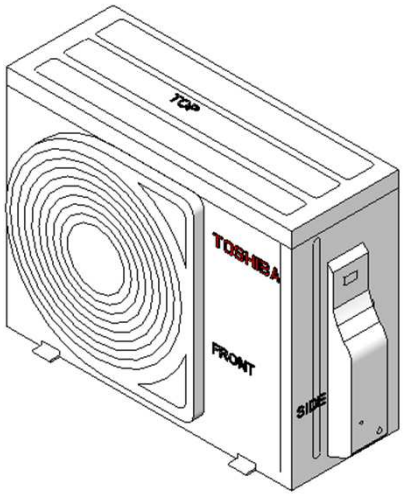








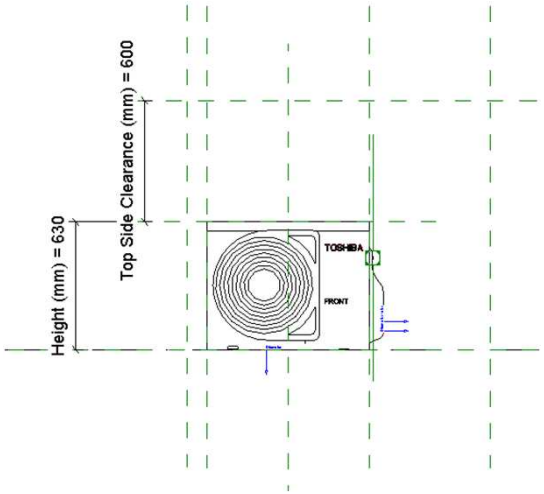


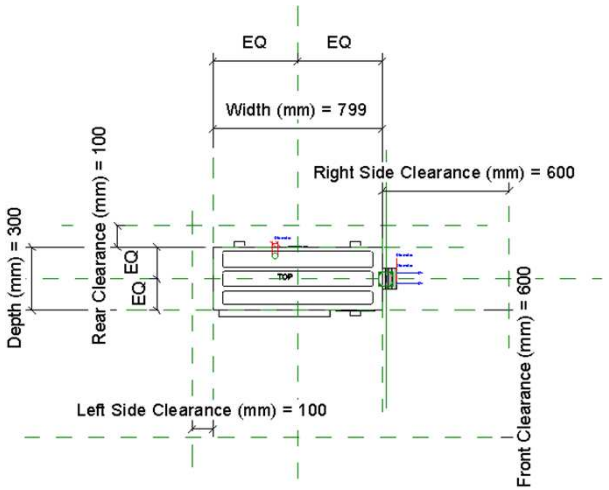


2 Engineering experiences

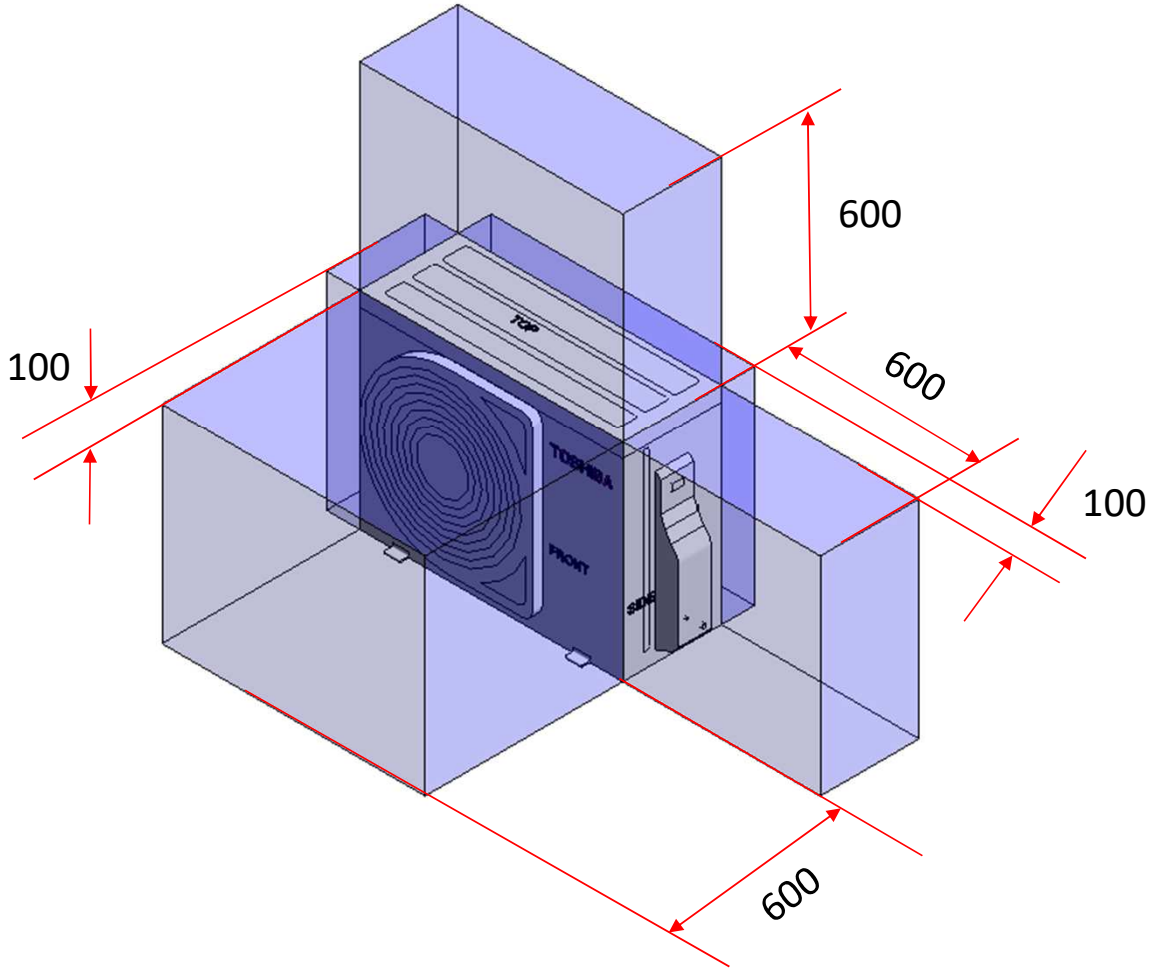
HCL

RAS_2MU2AVG_10-18

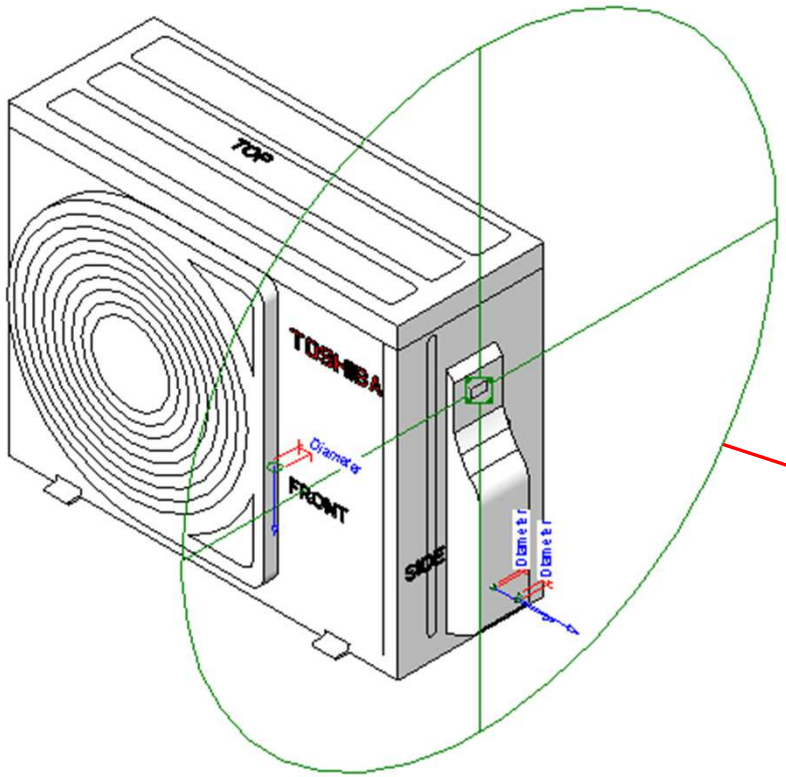




RAS_2MU2AVG_10-18 Service Area

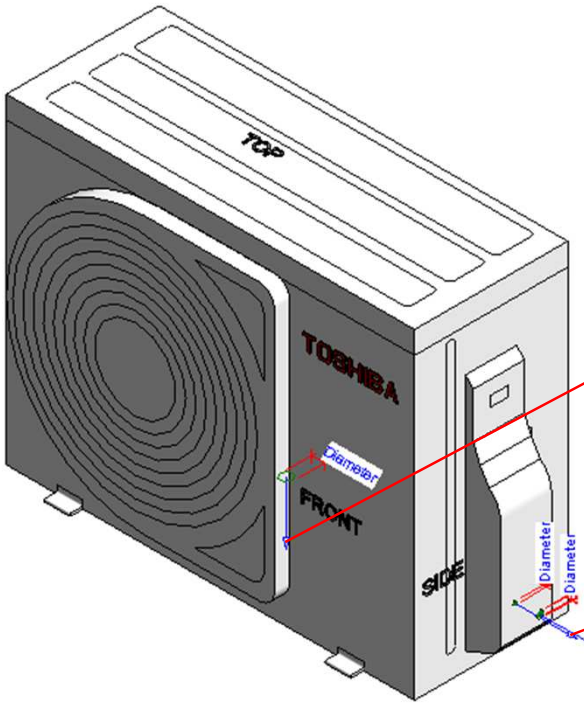


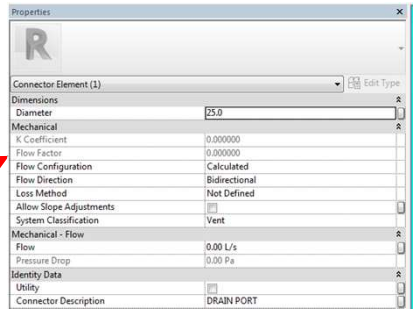
Electrical Connector

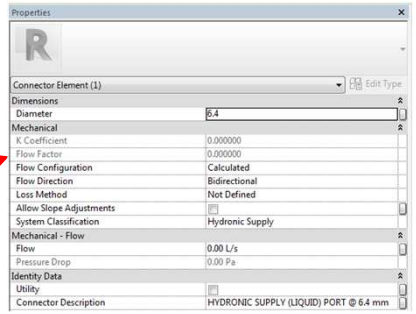


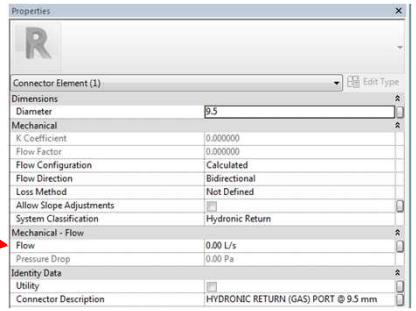
Connector Element (1)	Edit Type
Electrical - Loads	
System Type	Power - Unbalanced
Number of Poles	1
Power Factor State	Lagging
Load Classification	Other
Load Sub-Classification Motor	☐
Voltage	0.00 V
Apparent Load Phase 1	0.00 VA
Apparent Load Phase 2	0.00 VA
Apparent Load Phase 3	0.00 VA
Power Factor	1.000000
Identity Data	
Utility	☐
Connector Description	ELECTRICAL CONNECTOR

Pipe Connectors









RAS-2M10U2AVG-E

Family Types

Type name: RAS-2M10U2AVG-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-250 000 000	=
White	Colour RGB-255 255 255	=
Electrical		
MOCP (A)	15	=
MCA (A)		=
Running current-Cooling (A)	3.93/3.75/3.57	=
Power consumption-Cooling (Kw)	750	=
Running current-Heating (A)	4.17/4.02/3.85	=
Power consumption-Heating (Kw)	810	=
Frequency (Hz)	50Hz	=
Voltage (V)	220-240V	=
Starting current	4.17	=
Dimensions		
Height (mm)	630.0	=
Width (mm)	799.0	=
Depth (mm)	300.0	=
Hydronic Supply Diameter (mm)	6.4	=
Hydronic Return Diameter (mm)	9.5	=
Weight (Kg)	42	=
Drain pipe	-	=
Duct diameters	-	=
Mechanical - Flow		
Static pressure		=
Sound pressure dB(A) Cooling/Heating- High	45 / 46	=
Airflow m3/h- Cooling/Heating	1863 / 1863	=
Mechanical - Loads		
Rated Capacity kW - Cooling/Heating	3.3 / 4.0	=
Rated Power Consumption kW - Cooling/Heat	750 / 810	=
Rated efficiency - EER / COP	4.40 / 4.94	=
Energy Analysis		
Energy class	A++ / A++	=
Seasonal efficiency - SEER / SCOP	6.73 / 4.60	=
Pdesigh	3.3 / 2.7	=

Visibility		
Service Area (default)	☐	=
Front Clearance (mm) (default)	600.0	=
Rear Clearance (mm) (default)	100.0	=
Right Side Clearance (mm) (default)	600.0	=
Left Side Clearance (mm) (default)	100.0	=
Top Side Clearance (mm) (default)	600.0	=
Other		
Compressor Type	Hermetic DC Twin rotary compressor	=
Compressor detail - Motor output (kW)	1050	=
Operating range - Cooling (°C)	-10 - 46	=
Operating range - Heating (°C)	-20 - 24	=
Refrigerant information	R32	=
Identity Data		
Article Description	Multi R32	=
Article Type	RAS-2M10U2AVG-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	=
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Cost		=
Custom	☐	=
Description	Multi R32	=
EMCS	4	= "4"
ETIM Article Class	EC001213	= "EC001213"
Family Version		=
GLN		=
GTIN		=
Internal Art. No.		=
Keynote		=
MEPcontent Class	HEATPUMP	= "HEATPUMP"
Manufacturer	Toshiba	= "Toshiba"
Manufacturer Art. No.	RAS-2M10U2AVG-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	RAS-2M10U2AVG-E	=
Product Line	TCTC	= "TCTC"
Revit Version		=
Stabu Code		=
Type Comments		=
Type Image		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Watermarked By		=
Wholesaler		=
Wholesaler Art. No.		=

RAS-2M14U2AVG-E

Family Types

Type name: RAS-2M14U2AVG-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-250 000 000	=
White	Colour RGB-255 255 255	=
Electrical		
MOCP (A)	15	=
MCA (A)		=
Running current-Cooling (A)	4.55/4.35/4.15	=
Power consumption-Cooling (Kw)	920	=
Running current-Heating (A)	4.40/4.20/4.05	=
Power consumption-Heating (Kw)	890	=
Frequency (Hz)	50Hz	=
Voltage (V)	220-240V	=
Starting current	4.55	=
Dimensions		
Height (mm)	630.0	=
Width (mm)	799.0	=
Depth (mm)	300.0	=
Hydronic Supply Diameter (mm)	6.4	=
Hydronic Return Diameter (mm)	9.5	=
Weight (Kg)	43	=
Drain pipe	-	=
Duct diameters	-	=
Mechanical - Flow		
Static pressure		=
Sound pressure dB(A) Cooling/Heating- High	45 / 46	=
Airflow m3/h- Cooling/Heating	1863 / 1863	=
Mechanical - Loads		
Rated Capacity kW - Cooling/Heating	4.0 / 4.4	=
Rated Power Consumption kW - Cooling/Heat	920 / 890	=
Rated efficiency - EER / COP	4.35 / 4.94	=
Energy Analysis		
Energy class	A++ / A++	=
Seasonal efficiency - SEER / SCOP	6.73 / 4.60	=
Pdesigh	4.0 / 3.1	=

Visibility		
Service Area (default)	☐	=
Front Clearance (mm) (default)	600.0	=
Rear Clearance (mm) (default)	100.0	=
Right Side Clearance (mm) (default)	600.0	=
Left Side Clearance (mm) (default)	100.0	=
Top Side Clearance (mm) (default)	600.0	=
Other		
Compressor Type	Hermetic DC Twin rotary compressor	=
Compressor detail - Motor output (kW)	1050	=
Operating range - Cooling (°C)	-10 - 46	=
Operating range - Heating (°C)	-20 - 24	=
Refrigerant information	R32	=
Identity Data		
Article Description	Multi R32	=
Article Type	RAS-2M14U2AVG-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	=
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Cost		=
Custom	☐	=
Description	Multi R32	=
EMCS	4	= "4"
ETIM Article Class	EC001213	= "EC001213"
Family Version		=
GLN		=
GTIN		=
Internal Art. No.		=
Keynote		=
MEPcontent Class	HEATPUMP	= "HEATPUMP"
Manufacturer	Toshiba	= "Toshiba"
Manufacturer Art. No.	RAS-2M14U2AVG-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	RAS-2M14U2AVG-E	=
Product Line	TCTC	= "TCTC"
Revit Version		=
Stabu Code		=
Type Comments		=
Type Image		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Watermarked By		=
Wholesaler		=
Wholesaler Art. No.		=

RAS-2M18U2AVG-E

Family Types

Type name: RAS-2M18U2AVG-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-250 000 000	=
White	Colour RGB-255 255 255	=
Electrical		
MOCP (A)	15	=
MCA (A)		=
Running current-Cooling (A)	6.43/6.15/5.90	=
Power consumption-Cooling (Kw)	1340	=
Running current-Heating (A)	5.73/5.48/5.26	=
Power consumption-Heating (Kw)	1190	=
Frequency (Hz)	50Hz	=
Voltage (V)	220-240V	=
Starting current	6.43	=
Dimensions		
Height (mm)	630.0	=
Width (mm)	799.0	=
Depth (mm)	300.0	=
Hydronic Supply Diameter (mm)	6.4	=
Hydronic Return Diameter (mm)	9.5	=
Weight (Kg)	45	=
Drain pipe	-	=
Duct diameters	-	=
Mechanical - Flow		
Static pressure		=
Sound pressure dB(A) Cooling/Heating- High	45 / 50	=
Airflow m3/h- Cooling/Heating	2107 / 2038	=
Mechanical - Loads		
Rated Capacity kW - Cooling/Heating	5.2 / 5.6	=
Rated Power Consumption kW - Cooling/Heat	1340 / 1190	=
Rated efficiency - EER / COP	3.88 / 4.71	=
Energy Analysis		
Energy class	A++ / A++	=
Seasonal efficiency - SEER / SCOP	6.90 / 4.60	=
Pdesigh	5.2 / 3.2	=

Visibility		
Service Area (default)	☑	=
Front Clearance (mm) (default)	600.0	=
Rear Clearance (mm) (default)	100.0	=
Right Side Clearance (mm) (default)	600.0	=
Left Side Clearance (mm) (default)	100.0	=
Top Side Clearance (mm) (default)	600.0	=
Other		
Compressor Type	Hermetic DC Twin rotary compressor	=
Compressor detail - Motor output (kW)	1320	=
Operating range - Cooling (°C)	-10 - 46	=
Operating range - Heating (°C)	-20 - 24	=
Refrigerant information	R32	=
Identity Data		
Article Description	Multi R32	=
Article Type	RAS-2M18U2AVG-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	=
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Cost		=
Custom	☐	=
Description	Multi R32	=
EMCS	4	= "4"
ETIM Article Class	EC001213	= "EC001213"
Family Version		=
GLN		=
GTIN		=
Internal Art. No.		=
Keynote		=
MEPcontent Class	HEATPUMP	= "HEATPUMP"
Manufacturer	Toshiba	= "Toshiba"
Manufacturer Art. No.	RAS-2M18U2AVG-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	RAS-2M18U2AVG-E	=
Product Line	TCTC	= "TCTC"
Revit Version		=
Stabu Code		=
Type Comments		=
Type Image		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Watermarked By		=
Wholesaler		=
Wholesaler Art. No.		=

Thank You