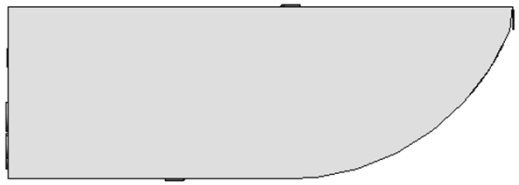
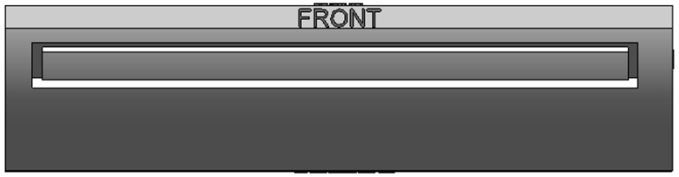
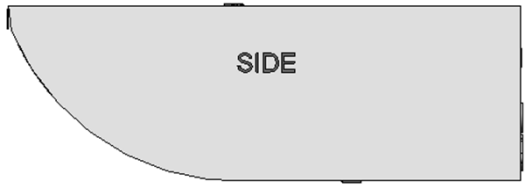
VRF_MMC1HP_15-18

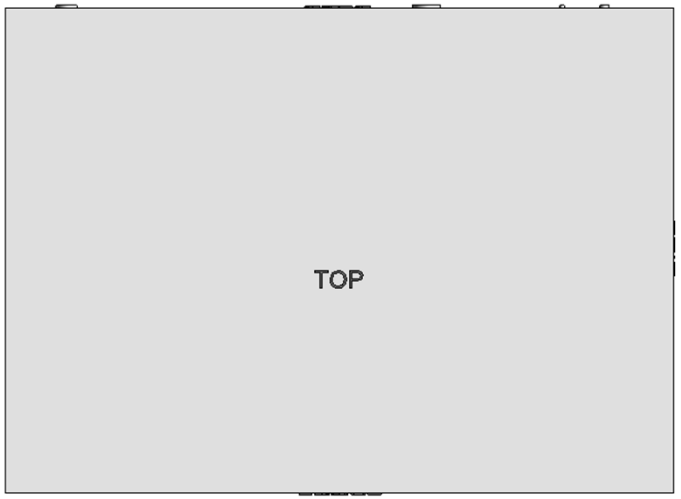
13-01-2021

VRF_MMC1HP_15-18

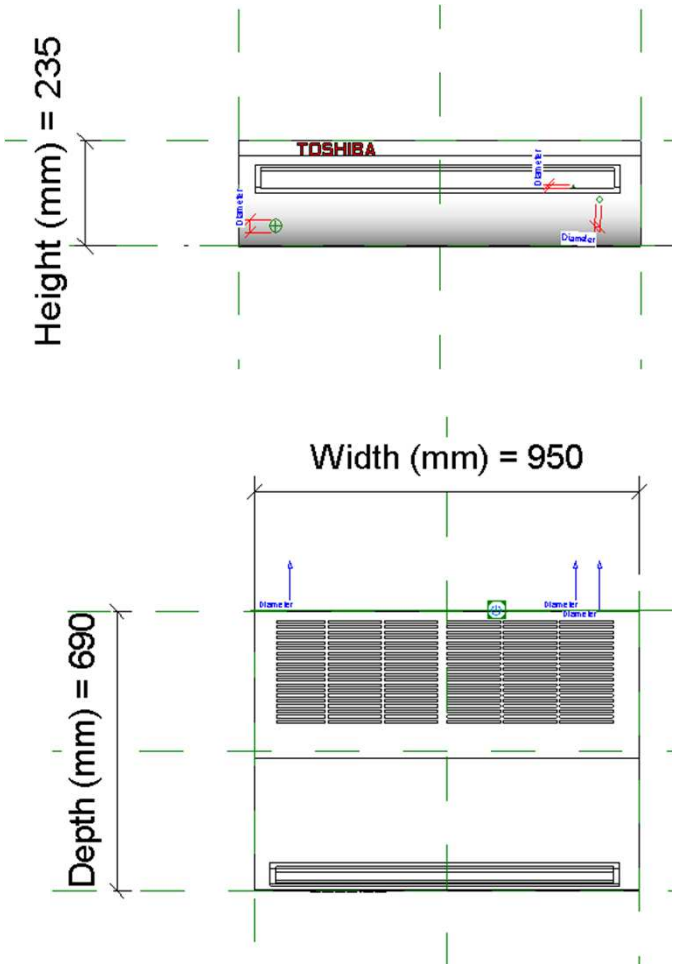




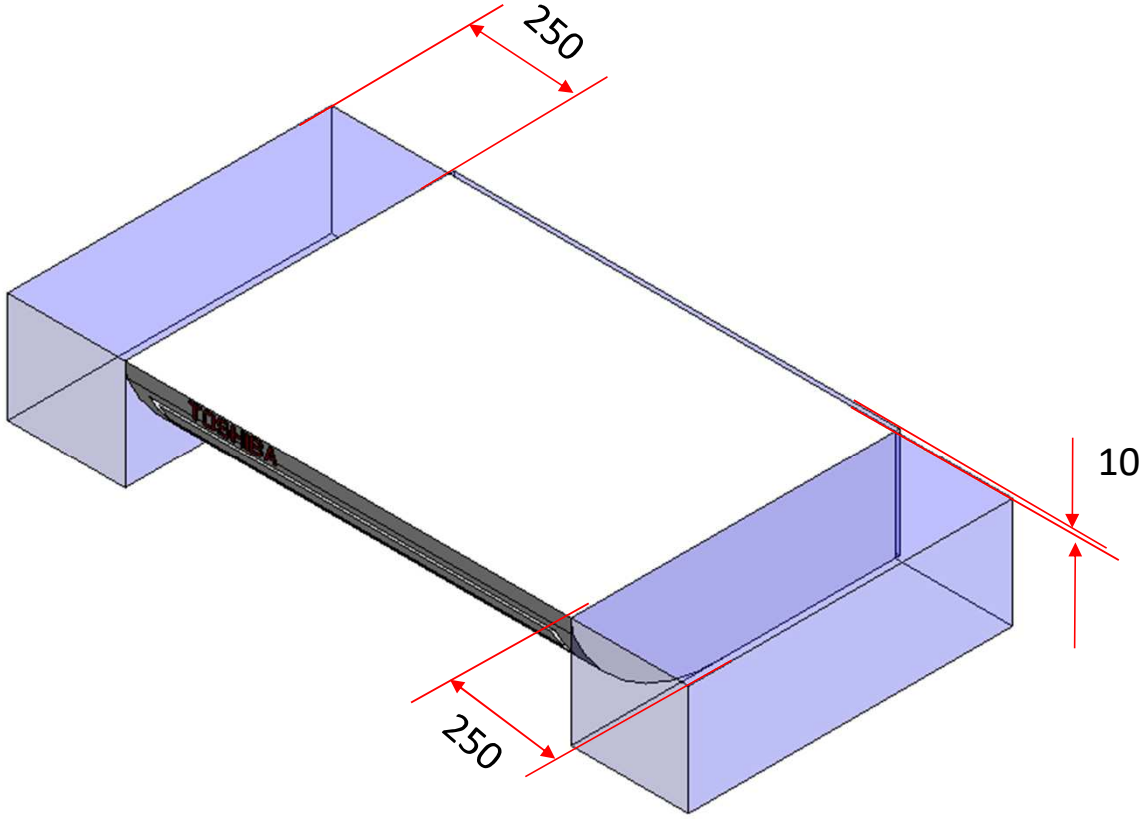




VRF_MMC1HP_15-18

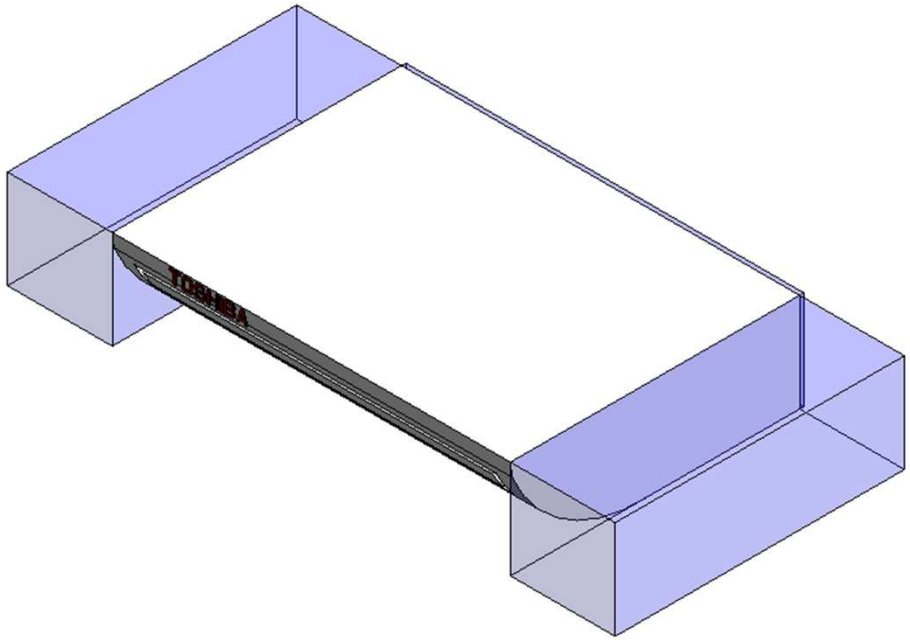


VRF_MMC1HP_15-18_Service Area



VRF_MMC1HP_15-18

Visibility	
SERVICE AREA (default)	☑
Right Side Clearance (default)	250.0
Left Side Clearance (default)	250.0
Back Clearance (default)	10.0



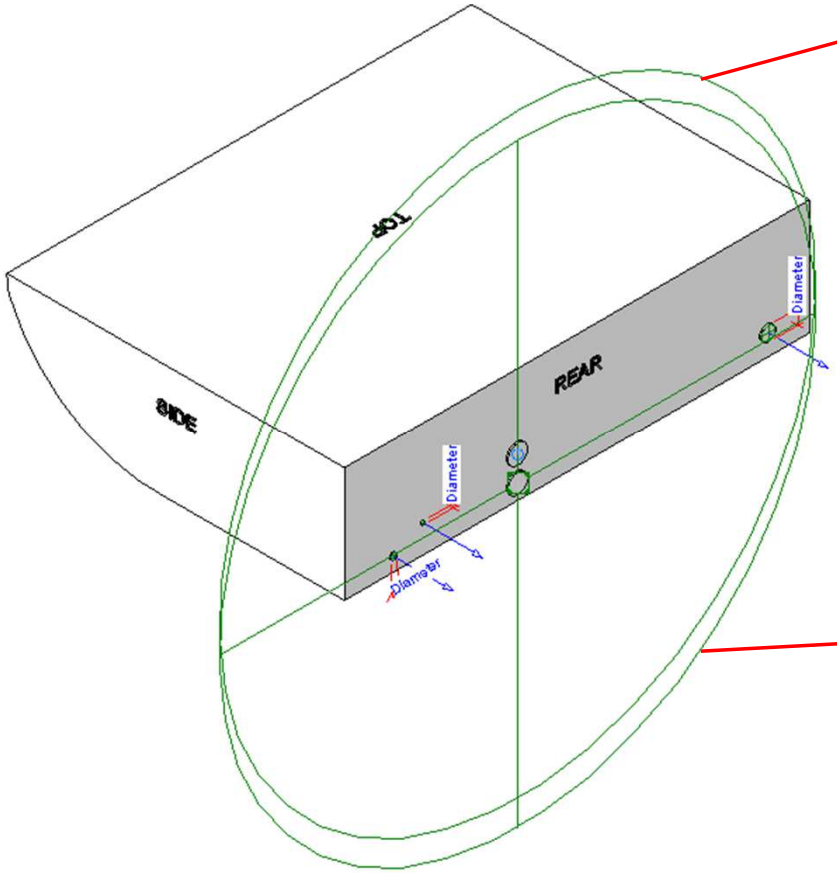
Service Clearance ON

VRF_MMC1HP_15-18

Visibility	
SERVICE AREA (default)	☐
Right Side Clearance (default)	250.0
Left Side Clearance (default)	250.0
Back Clearance (default)	10.0

Service Clearance OFF

Electrical Connector



Connector Element (1)	Edit Type
Electrical - Loads	
System Type	Controls
Identity Data	
Utility	☐
Connector Description	CONTROL CABLE PORT

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

Properties

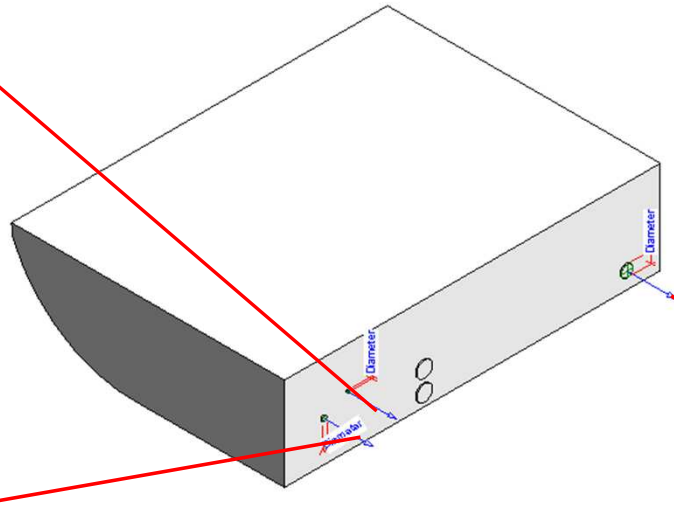
Connector Element (1) | Edit T

Dimensions	
Diameter	6.4
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	In
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Supply
Mechanical - Flow	
Flow	0.00 L/s
Pressure Drop	0.00 Pa
Identity Data	
Utility	☐
Connector Description	HYDRONIC SUPPLY (LIQUID) PORT @ 6.4mm

Properties

Connector Element (1) | Edit T

Dimensions	
Diameter	12.7
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	Out
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Hydronic Return
Mechanical - Flow	
Flow	0.00 L/s
Pressure Drop	0.00 Pa
Identity Data	
Utility	☐
Connector Description	HYDRONIC RETURN (GAS) PORT @ 12.7mm



Properties

Connector Element (1) | Edit Typ

Dimensions	
Diameter	30.0
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	Out
Loss Method	Not Defined
Allow Slope Adjustm...	☐
System Classification	Vent
Mechanical - Flow	
Flow	0.00 L/s
Pressure Drop	0.00 Pa
Identity Data	
Utility	☐
Connector Description	DRAIN PORT

MMC-UP0151HP-E

Family Types

Type name: MMC-UP0151HP-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-255 000 000	=
White	Colour RGB-255 255 255	=
Electrical		
MOCP (A)	15	=
MCA (A)	0.52	=
Running current-Cooling (A)	0.38	=
Power consumption-Cooling (Kw)	0.033	=
Running current-Heating	-	=
Power consumption-Heating	-	=
Frequency (Hz)	50Hz 220-240V	=
Voltage (V)	60Hz 208-230V	=
Starting current (A)	0.54	=
Dimensions		
Height (mm)	235.0	=
Width (mm)	950.0	=
Depth (mm)	690.0	=
Piping diameter Gas (mm)	12.7	=
Piping diameter Liquid (mm)	6.4	=
Drain pipe(mm)	VP20(OD:26mm)	=
Duct diameters	-	=
Mechanical - Flow		
Static pressure	-	=
Sound pressure dB(A)- High	36	=
Sound pressure dB(A)- Mid	34	=
Sound pressure dB(A)- Low	28	=
Airflow m3/h- High	840	=
Airflow m3/h- Mid	690	=
Airflow m3/h- Low	540	=
Power Consumption (W)- High	33	=
Power Consumption (W)- Mid	21	=
Power Consumption (W)- Low	14	=
Mechanical - Loads		
Seasonal and Rated Efficiency	-	=
Part Load	-	=
Capacities - Cooling (kW)	4.5	=
Capacities - Heating (kW)	5	=

Family Types

Type name: MMC-UP0151HP-E

Search parameters

Parameter	Value	Formula
Energy Analysis		
Energy class	-	=
Capacity	-	=
Rated efficiency	-	=
Visibility		
SERVICE AREA (default)	☐	=
Right Side Clearance (default)	250.0	=
Left Side Clearance (default)	250.0	=
Back Clearance (default)	10.0	=
Other		
Sold separetely parts (Drain Pump Kit)	TCB-DP31CE	=
Sold separetely parts (Elbow Piping Kit)	TCB-KP13CE	=
Refrigerant Information	R410A	=
Weight (Kg)	24	=
Identity Data		
Article Description	Ceiling	=
Article Type	MMC-UP0151HP-E	=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	="www.hcltech.com"
Copyright	©Toshiba / HCL	="©Toshiba / HCL"
Custom	☑	=
EMCS	4	="4"
ETIM Article Class	EC001213	="EC001213"
Family Version		=
GLN		=
GTIN		=
Internal Art. No.		=
MEPcontent Class	HEATPUMP	="HEATPUMP"
Manufacturer Art. No.	MMC-UP0151HP-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Product Line	TCTC	="TCTC"
Revit Version		=
Stabu Code		=
Type Image		=
Keynote		=
Model	MMC-UP0151HP-E	=
Manufacturer	Toshiba	="Toshiba"
Type Comments		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Description	Ceiling	=
Assembly Code		=
Cost		=

MMC-UP0181HP-E

Family Types

Type name: MMC-UP0181HP-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-255 000 000	=
White	Colour RGB-255 255 255	=
Electrical		
MOCP (A)	15	=
MCA (A)	0.53	=
Running current-Cooling (A)	0.39	=
Power consumption-Cooling (Kw)	0.034	=
Running current-Heating	-	=
Power consumption-Heating	-	=
Frequency (Hz)	50Hz 220-240V	=
Voltage (V)	60Hz 208-230V	=
Starting current (A)	0.55	=
Dimensions		
Height (mm)	235.0	=
Width (mm)	950.0	=
Depth (mm)	690.0	=
Piping diameter Gas (mm)	12.7	=
Piping diameter Liquid (mm)	6.4	=
Drain pipe(mm)	VP20(OD:26mm)	=
Duct diameters	-	=
Mechanical - Flow		
Static pressure	-	=
Sound pressure dB(A)- High	37	=
Sound pressure dB(A)- Mid	35	=
Sound pressure dB(A)- Low	28	=
Airflow m3/h- High	960	=
Airflow m3/h- Mid	720	=
Airflow m3/h- Low	540	=
Power Consumption (W)- High	34	=
Power Consumption (W)- Mid	24	=
Power Consumption (W)- Low	14	=
Mechanical - Loads		
Seasonal and Rated Efficiency	-	=
Part Load	-	=
Capacities - Cooling (kW)	5.6	=
Capacities - Heating (kW)	6.3	=

Family Types

Type name: MMC-UP0181HP-E

Search parameters

Parameter	Value	Formula
Energy Analysis		
Energy class	-	=
Capacity	-	=
Rated efficiency	-	=
Visibility		
SERVICE AREA (default)	☐	=
Right Side Clearance (default)	250.0	=
Left Side Clearance (default)	250.0	=
Back Clearance (default)	10.0	=
Other		
Sold separetely parts (Drain Pump Kit)	TCB-DP31CE	=
Sold separetely parts (Elbow Piping Kit)	TCB-KP13CE	=
Refrigerant Information	R410A	=
Weight (Kg)	24	=
Identity Data		
Article Description	Ceiling	=
Article Type	MMC-UP0181HP-E	=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	= "www.hcltech.com"
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Custom	☑	=
EMCS	4	= "4"
ETIM Article Class	EC001213	= "EC001213"
Family Version		=
GLN		=
GTIN		=
Internal Art. No.		=
MEPcontent Class	HEATPUMP	= "HEATPUMP"
Manufacturer Art. No.	MMC-UP0181HP-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Product Line	TCTC	= "TCTC"
Revit Version		=
Stabu Code		=
Type Image		=
Keynote		=
Model	MMC-UP0181HP-E	=
Manufacturer	Toshiba	= "Toshiba"
Type Comments		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Description	Ceiling	=
Assembly Code		=
Cost		=

Thank You