

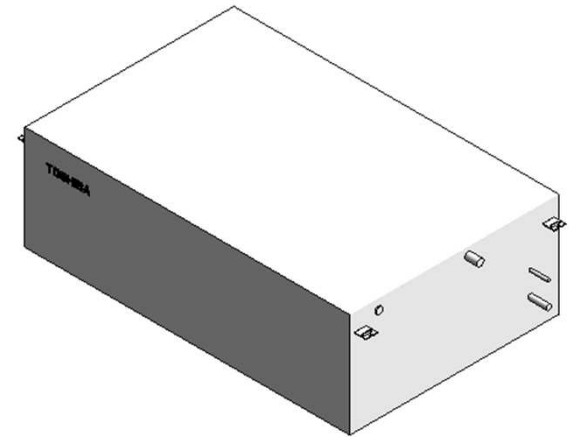
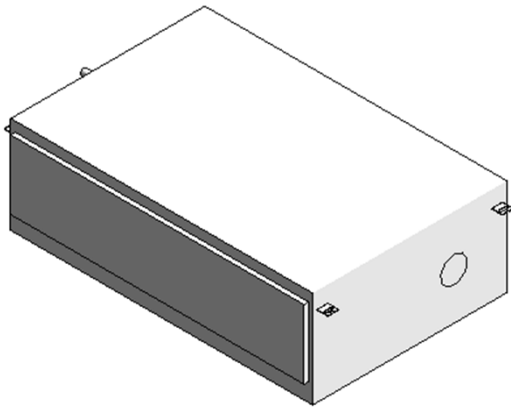
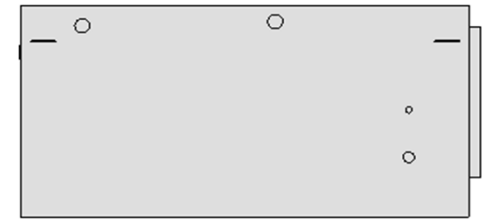
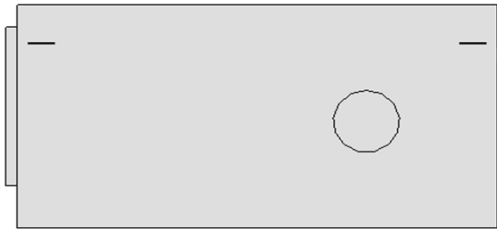


HCL

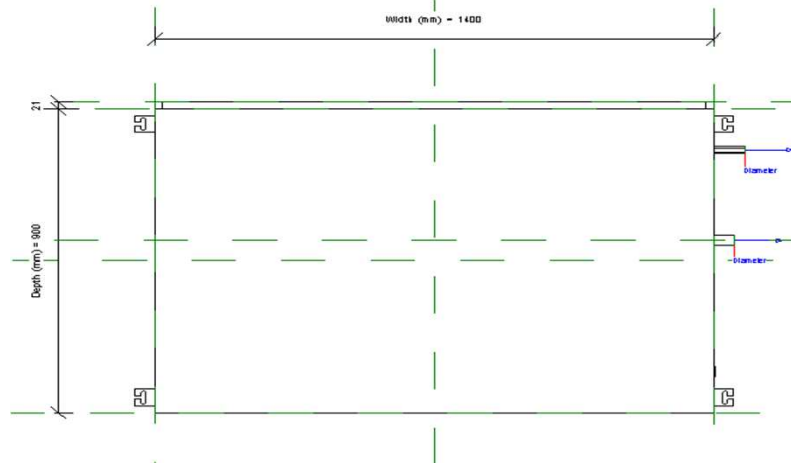
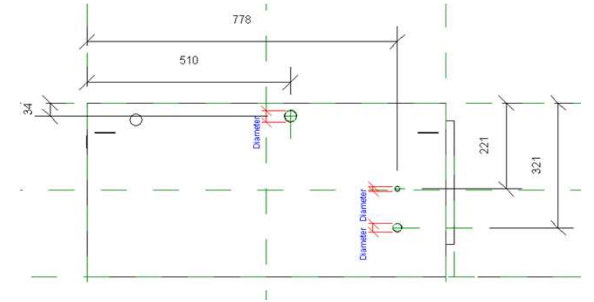
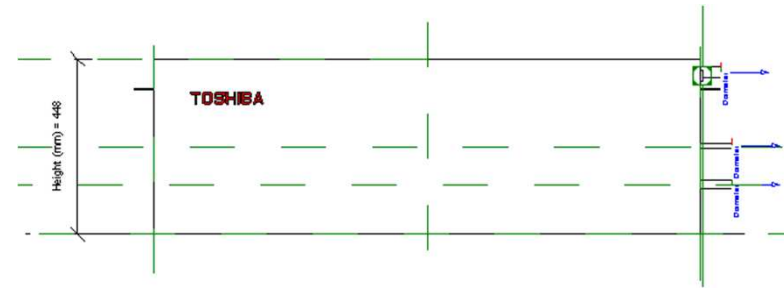
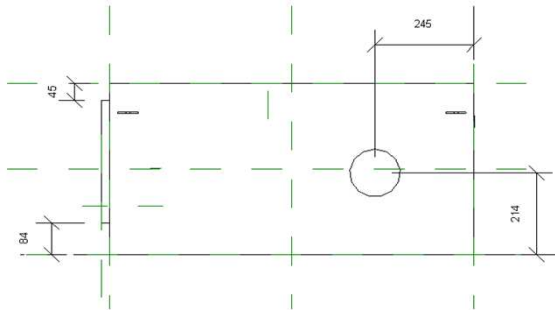
VRF_MMDHP_72-96

18-01-2021

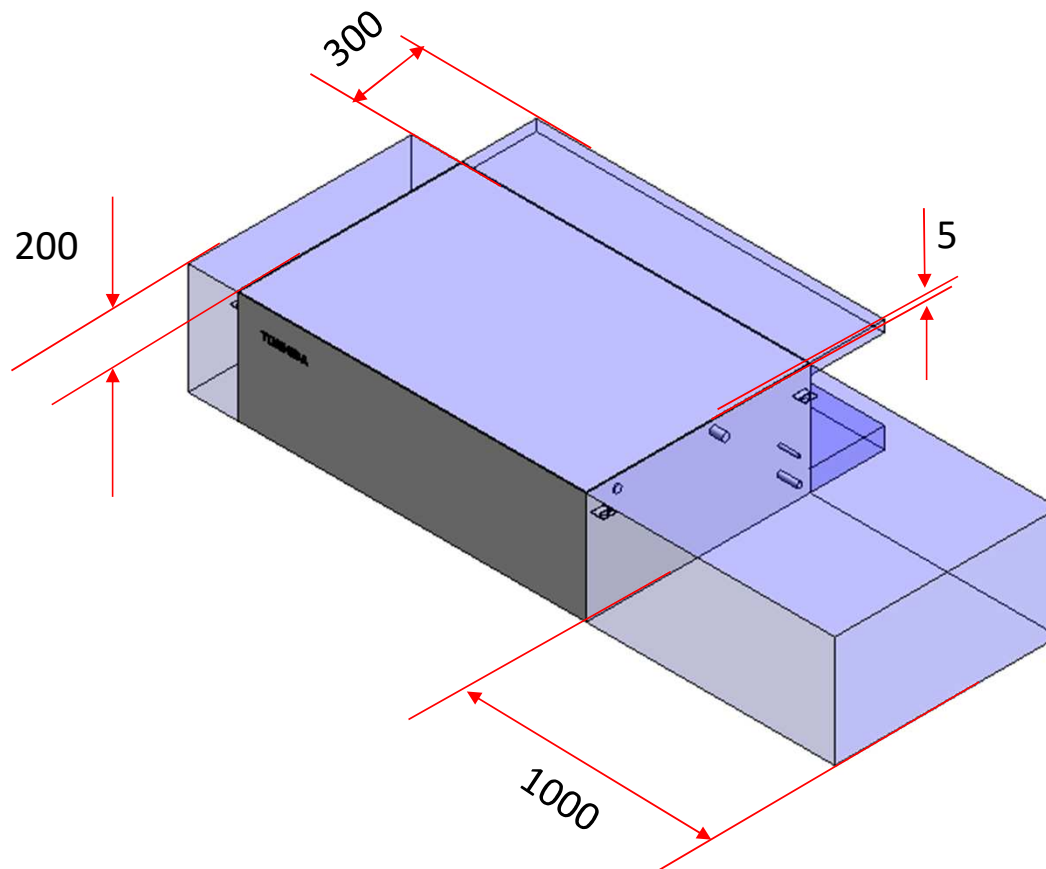
VRF_MMDHP_72-96



VRF_MMDHP_72-96



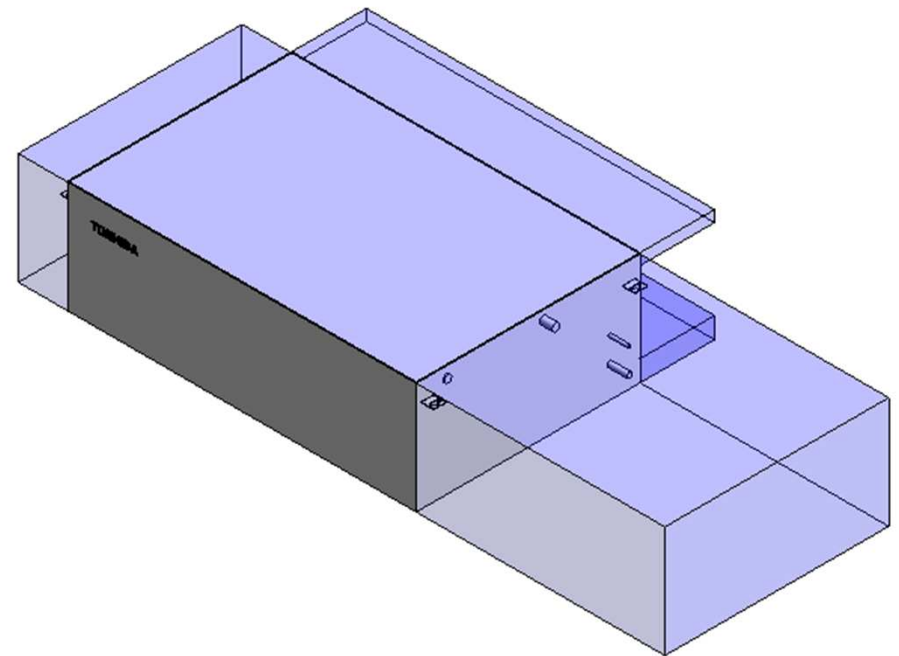
VRF_MMDHP_72-96_Service Area



VRF_MMDHP_72-96

Visibility	
Service Area (default)	<input checked="" type="checkbox"/>
Top Clearance (default)	5.0
Right Side Clearance (default)	1000.0
Left Side Clearance (default)	200.0
Rear side Clearance (default)	300.0

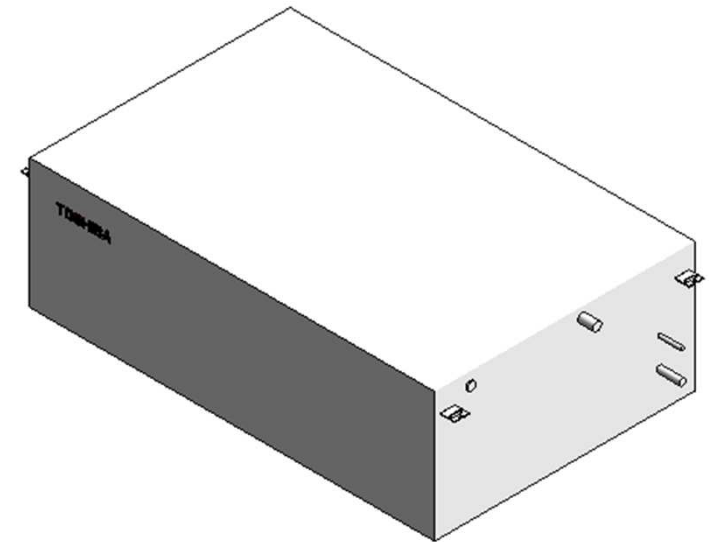
Service Clearance ON



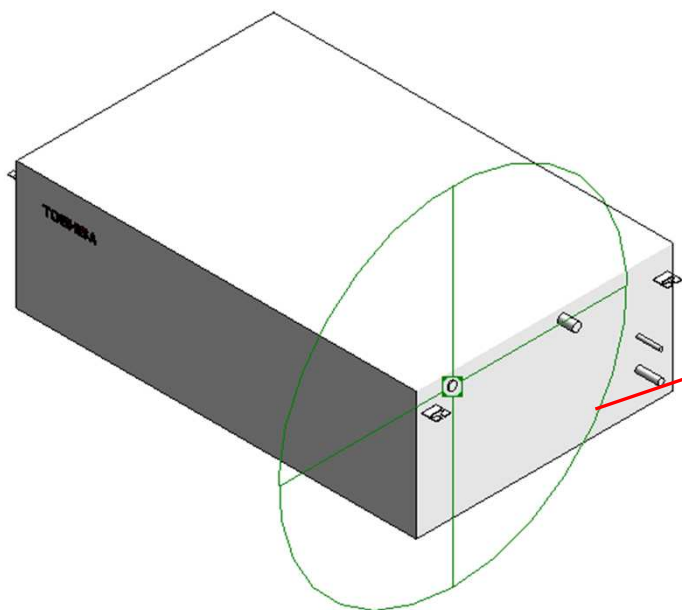
VRF_MMDHP_72-96

Visibility	
Service Area (default)	<input type="checkbox"/>
Top Clearance (default)	5.0
Right Side Clearance (default)	1000.0
Left Side Clearance (default)	200.0
Rear side Clearance (default)	300.0

Service Clearance OFF



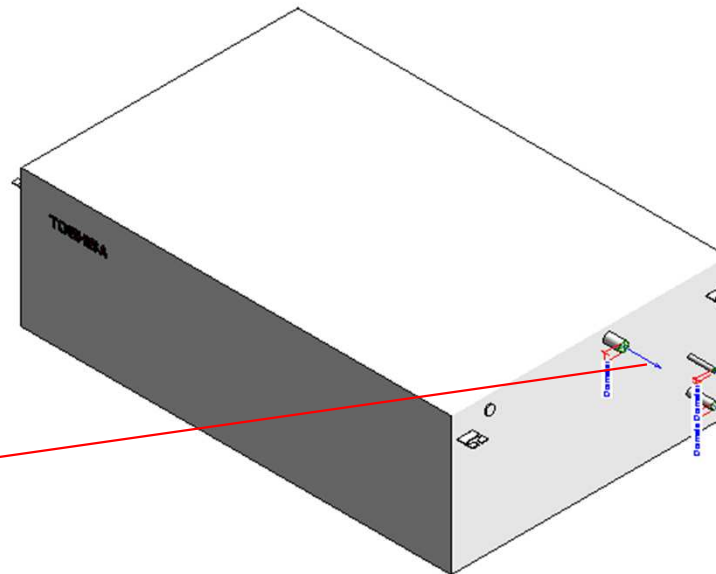
Electrical Connector



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 M...	<input type="checkbox"/>
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	<input type="checkbox"/>
Connector Description	ELECTRICAL CONNECTOR

Pipe Connectors

Properties	
R	
Connector Element (1)	
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 Adjustments	<input type="checkbox"/>
System Classification	Vent
Mechanical - Flow	
Flow	0.00 L/s
Pressure Drop	0.00 Pa
Identity Data	
Utility	<input type="checkbox"/>
Connector Description	Drain pipe connecting port



Properties	
R	
Connector Element (1)	
Dimensions	
Diameter	12.7
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	In
Loss Method	Not Defined
Allow Slope Adjustments	<input type="checkbox"/>
System Classification	Hydronic Supply
Mechanical - Flow	
Flow	0.00 L/s
Pressure Drop	0.00 Pa
Identity Data	
Utility	<input type="checkbox"/>
Connector Description	HYDRONIC SUPPLY (LIQUID) PORT @ 12.7mm

Properties	
R	
Connector Element (1)	
Dimensions	
Diameter	22.2
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	Out
Loss Method	Not Defined
Allow Slope Adjustments	<input type="checkbox"/>
System Classification	Hydronic Return
Mechanical - Flow	
Flow	0.00 L/s
Pressure Drop	0.00 Pa
Identity Data	
Utility	<input type="checkbox"/>
Connector Description	HYDRONIC RETURN (GAS) PORT @ 22.2mm

MMD-UP0721HP-E

Family Types

Type name: MMD-UP0721HP-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)	5.2	=
Running current-Cooling (A)	2.83	=
Power consumption-Cooling (Kw)	0.54	=
Running current-Heating	-	=
Power consumption-Heating	-	=
Frequency (Hz)	50Hz 220-240V	=
Voltage (V)	60Hz 208-220V	=
Starting current	4.9	=
Dimensions		
Height (mm)	448.0	=
Width (mm)	1400.0	=
Depth (mm)	900.0	=
Piping diameter Gas (mm)	22.2	=
Piping diameter Liquid (mm)	12.7	=
Drain pipe(mm)	VP25(OD:32mm)	=
Duct diameters(mm)	-	=
Mechanical - Flow		
Static pressure Pa	50-83-117-150-183-217-250	=
Factory default	150	=
Sound pressure dB(A)- High	44	=
Sound pressure dB(A)- Mid	40	=
Sound pressure dB(A)- Low	36	=
Airflow m3/h- High	3800	=
Airflow m3/h- Mid	3200	=
Airflow m3/h- Low	2500	=
Power Consumption W- High	545	=
Power Consumption W- Mid	300	=
Power Consumption W- Low	169	=
Mechanical - Loads		
Seasonal and Rated Efficiency	-	=
Part Load	-	=
Capacities KW - Cooling	22.4	=
Capacities KW - Heating	25.0	=
Energy Analysis		
Energy class	-	=
Capacity	-	=
Rated efficiency	-	=

Family Types

Type name: MMD-UP0721HP-E

Search parameters

Parameter	Value	Formula
Visibility		
Service Area (default)	<input type="checkbox"/>	=
Top Clearance (default)	5.0	=
Right Side Clearance (default)	1000.0	=
Left Side Clearance (default)	200.0	=
Rear side Clearance (default)	300.0	=
Other		
Refrigerant information	R410A	=
Sold separately parts (Air Filter)	TCB-LK2801DP-E	=
Sold separately parts (Drain Pump)	TCB-DP40DPE	=
Weight (Kg)	97	=
Identity Data		
Article Description	Ducted High static pressure	=
Article Type	MMD-UP0721HP-E	=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	=
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Custom	<input checked="" type="checkbox"/>	=
EMCS	4	= "4"
ETIM Article Class	EC001213	= "EC001213"
Family Version		=
GLN		=
GTIN		=
Internal Art. No.		=
MEPcontent Class	HEATPUMP	= "HEATPUMP"
Manufacturer Art. No.	MMD-UP0721HP-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Product Line	TCTC	= "TCTC"
Revit Version	2017	= "2017"
Stabu Code		=
Type Image		=
Keynote		=
Model	MMD-UP0721HP-E	=
Manufacturer	Toshiba	= "Toshiba"
Type Comments		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Description	Ducted High static pressure	=
Assembly Code		=
Cost		=
Watermarked By		=
Wholesaler		=
Wholesaler Art. No.		=

MMD-UP0961HP-E

Family Types

Type name: MMD-UP0961HP-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)	6.6	#
Running current-Cooling (A)	3.77	#
Power consumption-Cooling (Kw)	0.79	#
Running current-Heating	-	#
Power consumption-Heating	-	#
Frequency (Hz)	50Hz 220-240V	#
Voltage (V)	60Hz 208-220V	#
Starting current	6.74	#
Dimensions		
Height (mm)	448.0	#
Width (mm)	1400.0	#
Depth (mm)	900.0	#
Piping diameter Gas (mm)	22.2	#
Piping diameter Liquid (mm)	12.7	#
Drain pipe(mm)	VP25(OD:32mm)	#
Duct diameters(mm)	-	#
Mechanical - Flow		
Static pressure Pa	50-83-117-150-183-217-250	#
Factory default	150	#
Sound pressure dB(A)- High	46	#
Sound pressure dB(A)- Mid	42	#
Sound pressure dB(A)- Low	38	#
Airflow m3/h- High	4800	#
Airflow m3/h- Mid	4200	#
Airflow m3/h- Low	3500	#
Power Consumption W- High	795	#
Power Consumption W- Mid	474	#
Power Consumption W- Low	311	#
Mechanical - Loads		
Seasonal and Rated Efficiency	-	#
Part Load	-	#
Capacities KW - Cooling	28	#
Capacities KW - Heating	31.5	#
Energy Analysis		
Energy class	-	#
Capacity	-	#
Rated efficiency	-	#

Family Types

Type name: MMD-UP0961HP-E

Search parameters

Parameter	Value	Formula
Visibility		
Service Area (default)	<input type="checkbox"/>	#
Top Clearance (default)	5.0	#
Right Side Clearance (default)	1000.0	#
Left Side Clearance (default)	200.0	#
Rear side Clearance (default)	300.0	#
Other		
Refrigerant information	R410A	#
Sold separately parts (Air Filter)	TCB-LK2801DP-E	#
Sold separately parts (Drain Pump)	TCB-DP40DPE	#
Weight (Kg)	97	#
Identity Data		
Article Description	Ducted High static pressure	#
Article Type	MMD-UP0961HP-E	#
Base Family Version		#
CB-NL Class		#
Content Supplier URL	www.hcltech.com	#
Copyright	©Toshiba / HCL	# "©Toshiba / HCL"
Custom	<input checked="" type="checkbox"/>	#
EMCS	4	# "4"
ETIM Article Class	EC001213	# "EC001213"
Family Version		#
GLN		#
GTIN		#
Internal Art. No.		#
MEPcontent Class	HEATPUMP	# "HEATPUMP"
Manufacturer Art. No.	MMD-UP0961HP-E	#
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	#
Product Line	TCTC	# "TCTC"
Revit Version	2017	# "2017"
Stabu Code		#
Type Image		#
Keynote		#
Model	MMD-UP0961HP-E	#
Manufacturer	Toshiba	# "Toshiba"
Type Comments		#
URL	https://www.toshiba-carrier.co.jp/global/	#
Description	Ducted High static pressure	#
Assembly Code		#
Cost		#
Watermarked By		#
Wholesaler		#
Wholesaler Art. No.		#



Thank You