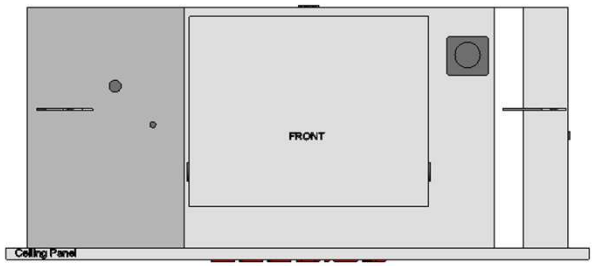
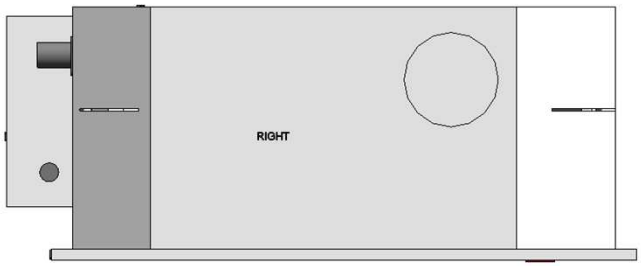
VRF_MMU1MH_5-18_136

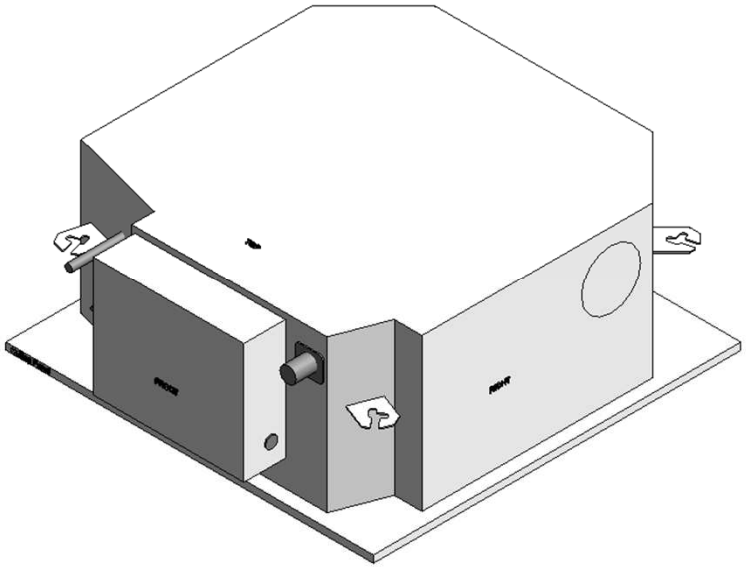
27-01-2021

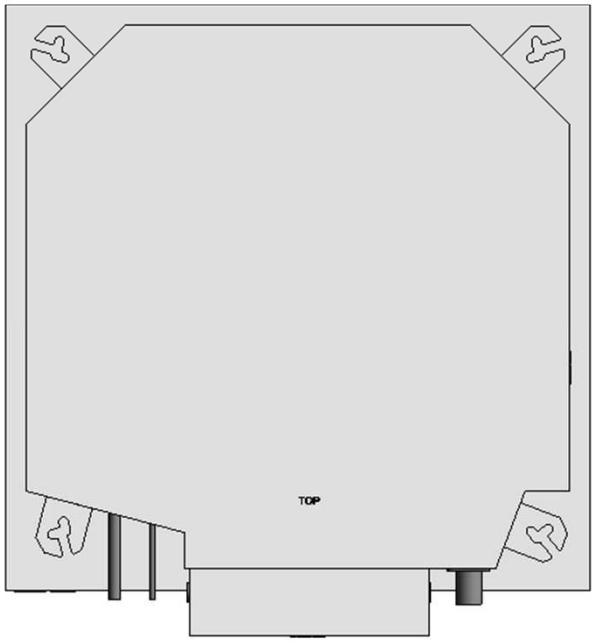
VRF_MMU1MH_5-18_136

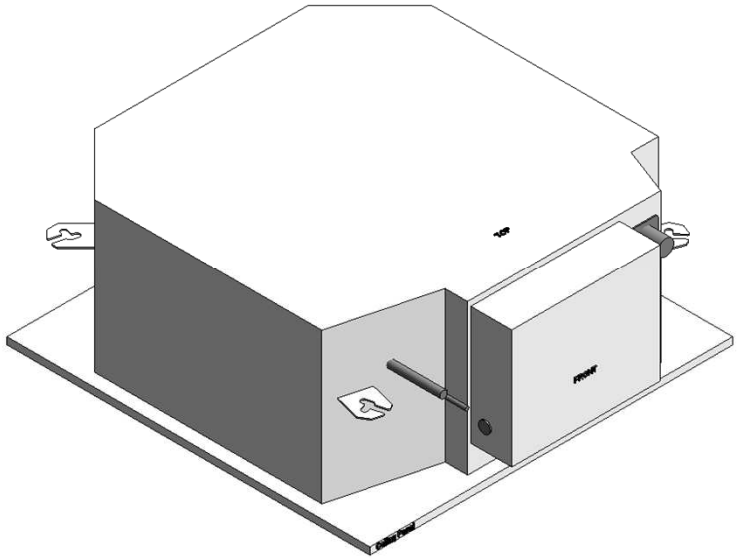




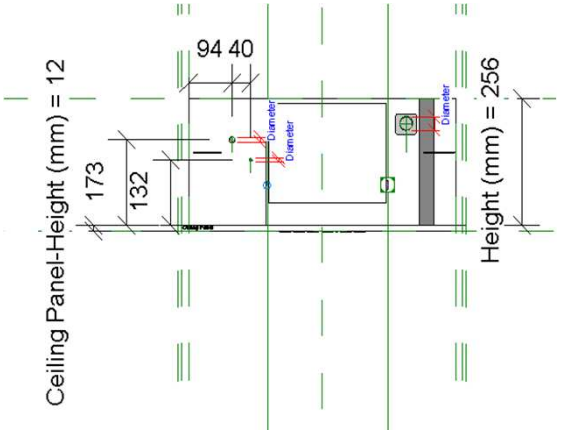


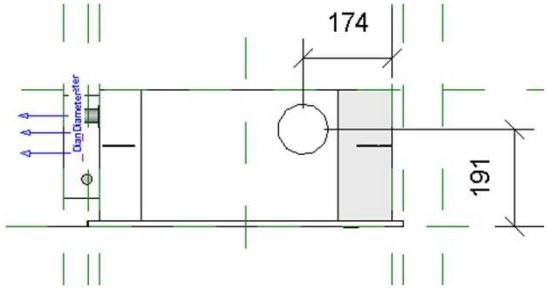


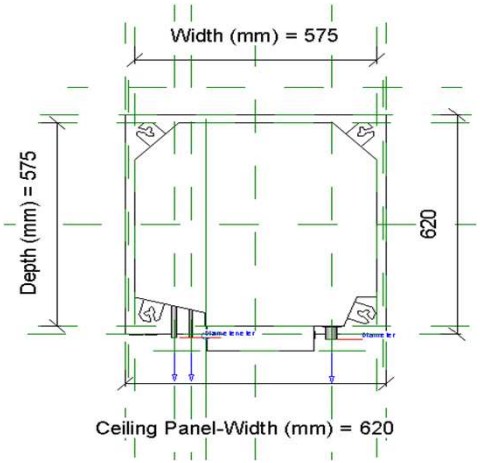




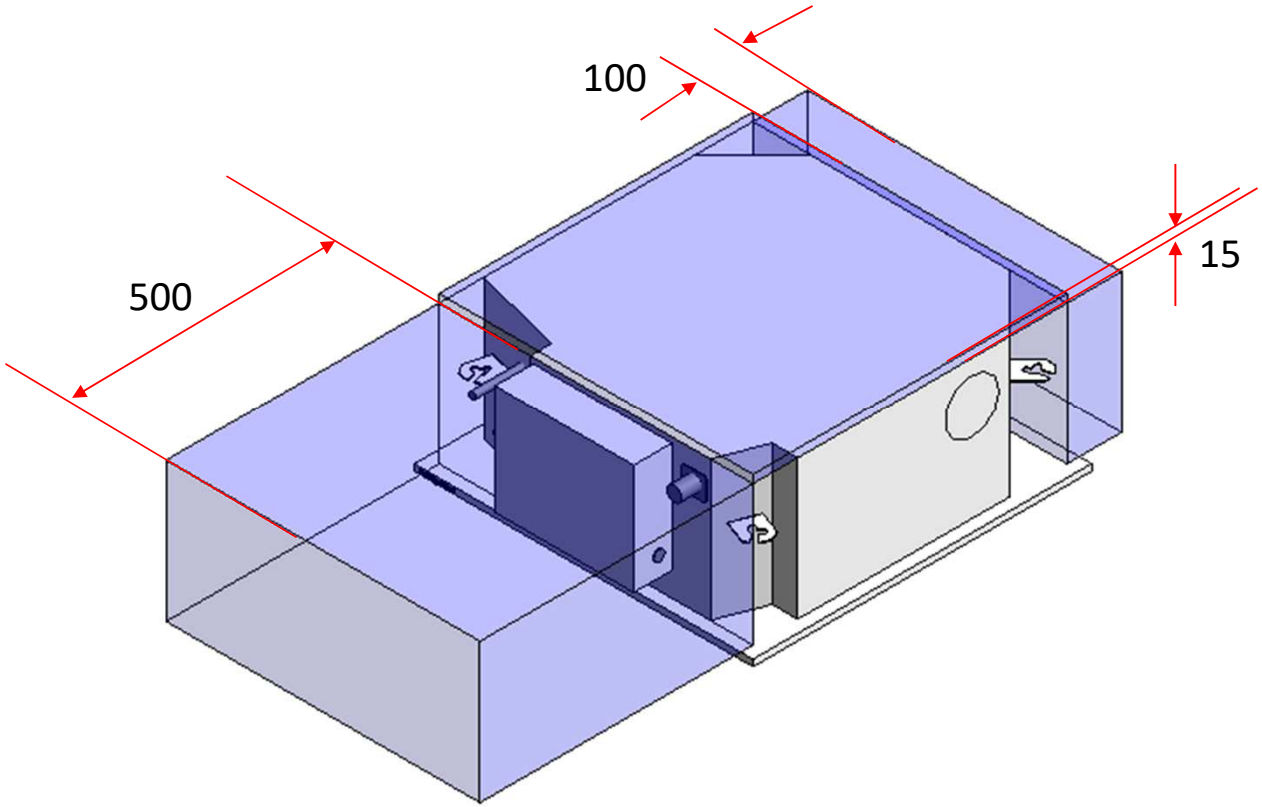
VRF_MMU1MH_5-18_136





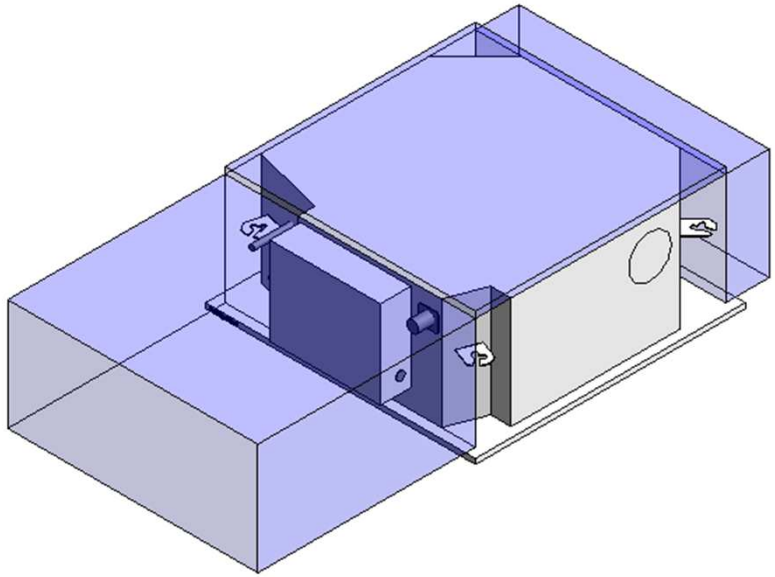


VRF_MMU1MH_5-18_136_Service Area



VRF_MMU1MH_5-18_136

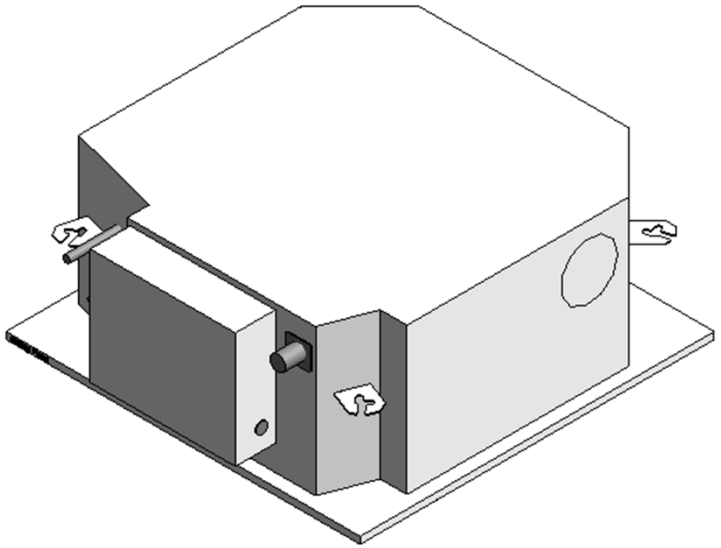
Visibility	
Service Area (default)	☑
Top Clearance (mm) (default)	15.0
Front Clearance (mm) (default)	500.0
Back Clearance (mm) (default)	100.0



Service Clearance ON

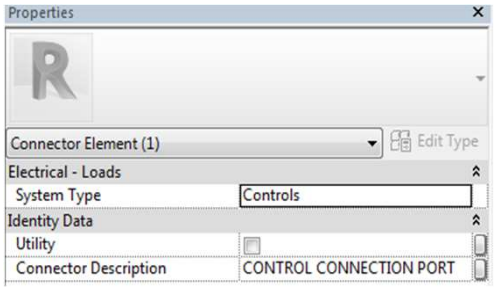
VRF_MMU1MH_5-18_136

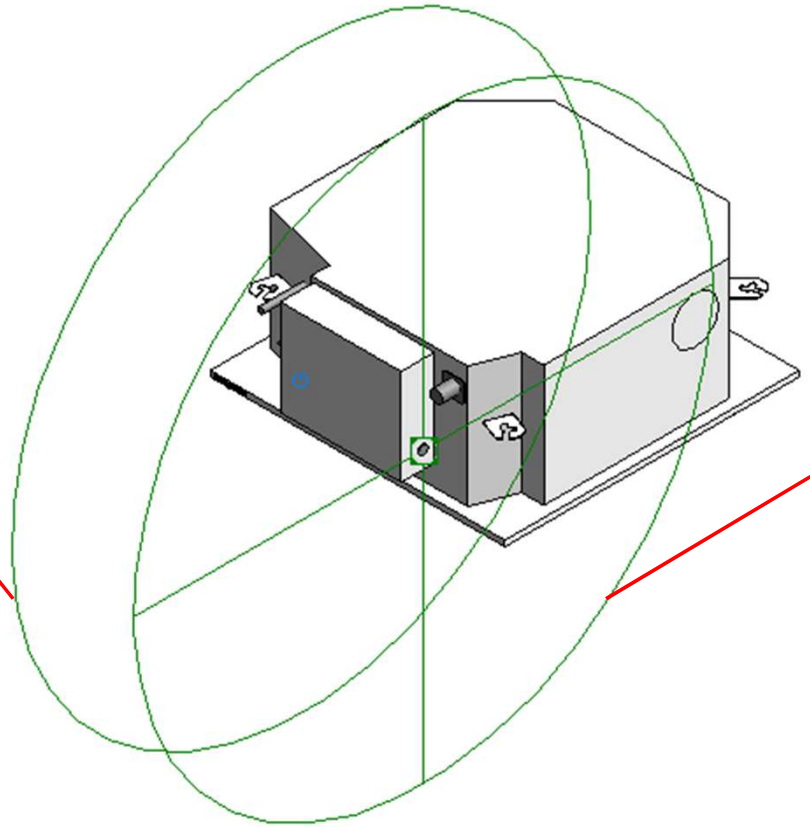
Visibility	
Service Area (default)	☐
Top Clearance (mm) (default)	15.0
Front Clearance (mm) (default)	500.0
Back Clearance (mm) (default)	100.0

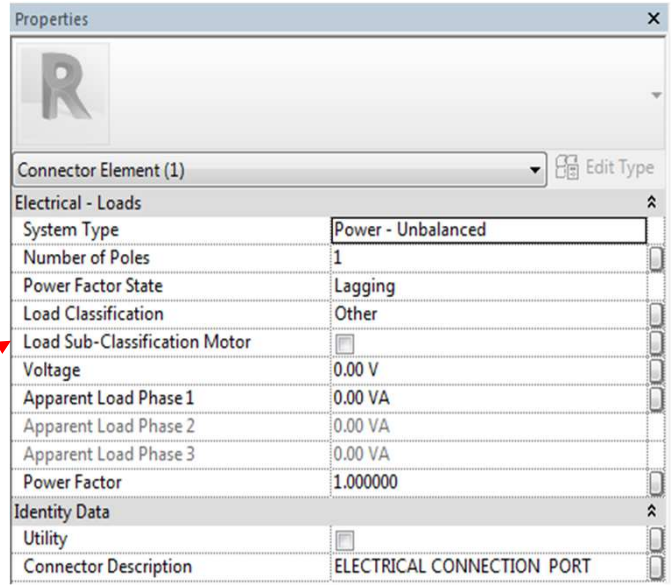


Service Clearance OFF

Electrical Connector





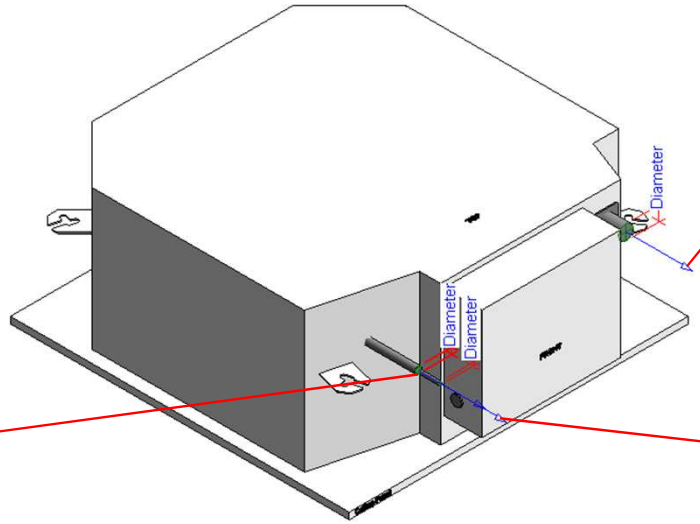


Pipe Connectors

Properties

Connector Element (1)

Dimensions	
Diameter	9.5
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 @ 9.5mm



Properties

Connector Element (1)

Dimensions	
Diameter	27.0
Mechanical	
K Coefficient	0.000000
Flow Factor	0.000000
Flow Configuration	Calculated
Flow Direction	Out
Loss Method	Not Defined
Allow Slope Adjustments	☐
System Classification	Vent
Mechanical - Flow	
Flow	0.00 L/s
Pressure Drop	0.00 Pa
Identity Data	
Utility	☐
Connector Description	DRAIN PORT @ 27mm

Properties

Connector Element (1)

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

MMU-UP0051MH-E

Family Types

Type name: MMU-UP0051MH-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-255 000 000	=
White	Colour- RGB -255 255 255	=
Electrical		
MOCP (A)	15.0	=
MCA (A)	0.23	=
Running current-Cooling (A)	0.16	=
Power consumption-Cooling (Kw)	0.016	=
Running current-Heating	-	=
Power consumption-Heating	-	=
Frequency (Hz)	50Hz 220-240V	=
Voltage (V)	60Hz 208-230V	=
Starting current	0.28	=
Dimensions		
Height (mm)	256.0	=
Width (mm)	575.0	=
Depth (mm)	575.0	=
Piping diameter (mm)-Gas side	9.5	=
Piping diameter (mm)-Liquid side	6.4	=
Drain Pipe Diameter (mm)	VP20 (OD:26)	=
Duct diameters(mm)	-	=
Mechanical - Flow		
Sound pressure - High (dB)	32	=
Sound pressure - Mid+ (dB)	31	=
Sound pressure - Mid (dB)	30	=
Sound pressure - Low+ (dB)	29	=
Sound pressure - Low (dB)	29	=
Airflow - High (m3/h)	430	=
Airflow - Mid+ (m3/h)	415	=
Airflow - Mid (m3/h)	400	=
Airflow - Low+ (m3/h)	385	=
Airflow - Low (m3/h)	365	=
Power Consumption - High (W)	16	=
Power Consumption - Mid+ (W)	14	=
Power Consumption - Mid (W)	14	=
Power Consumption - Low+ (W)	13	=
Power Consumption - Low (W)	13	=
Mechanical - Loads		
Seasonal & Rated efficiency	-	=
Part load	-	=
Capacities - Cooling (kW)	1.7	=
Capacities - Heating (kW)	1.9	=

Family Types

Type name: MMU-UP0051MH-E

Search parameters

Parameter	Value	Formula
Visibility		
Service Area (default)	☐	=
Top Clearance (mm) (default)	15.0	=
Front Clearance (mm) (default)	500.0	=
Back Clearance (mm) (default)	100.0	=
Other		
Ceiling Panel (Sold Separetely) - Model name	RBC-UM21PG(W)-E	=
Ceiling Panel-Height (mm)	12.0	=
Ceiling Panel-Width (mm)	620.0	=
Ceiling Panel-Depth (mm)	620.0	=
Refrigerant Information	R410A	=
Weight (Kg)	15	=
Identity Data		
Article Description	Cassette 4-way compact	=
Article Type	MMU-UP0051MH-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	=
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Cost		=
Description	Cassette 4-way compact	=
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.	MMU-UP0051MH-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	MMU-UP0051MH-E	=
Product Line	TCC	= "TCC"
Revit Version	2017	= "2017"
Stabu Code		=
Type Comments		=
Type Image		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Watermarked By		=
Wholesaler		=
Wholesaler Art. No.		=

MMU-UP0071MH-E

Family Types

Type name: MMU-UP0071MH-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-255 000 000	=
White	Colour- RGB -255 255 255	=
Electrical		
MOCP (A)	15.0	=
MCA (A)	0.33	=
Running current-Cooling (A)	0.23	=
Power consumption-Cooling (Kw)	0.023	=
Running current-Heating	-	=
Power consumption-Heating	-	=
Frequency (Hz)	50Hz 220-240V	=
Voltage (V)	60Hz 208-230V	=
Starting current	0.41	=
Dimensions		
Height (mm)	256.0	=
Width (mm)	575.0	=
Depth (mm)	575.0	=
Piping diameter (mm)-Gas side	9.5	=
Piping diameter (mm)-Liquid side	6.4	=
Drain Pipe Diameter (mm)	VP20 (OD:26)	=
Duct diameters(mm)	-	=
Mechanical - Flow		
Sound pressure - High (dB)	37	=
Sound pressure - Mid+ (dB)	34	=
Sound pressure - Mid (dB)	33	=
Sound pressure - Low+ (dB)	30	=
Sound pressure - Low (dB)	29	=
Airflow - High (m3/h)	552	=
Airflow - Mid+ (m3/h)	500	=
Airflow - Mid (m3/h)	462	=
Airflow - Low+ (m3/h)	395	=
Airflow - Low (m3/h)	378	=
Power Consumption - High (W)	23	=
Power Consumption - Mid+ (W)	18	=
Power Consumption - Mid (W)	16	=
Power Consumption - Low+ (W)	14	=
Power Consumption - Low (W)	13	=
Mechanical - Loads		
Seasonal & Rated efficiency	-	=
Part load	-	=
Capacities - Cooling (kW)	2.2	=
Capacities - Heating (kW)	2.5	=

Family Types

Type name: MMU-UP0071MH-E

Search parameters

Parameter	Value	Formula
Visibility		
Service Area (default)	☐	=
Top Clearance (mm) (default)	15.0	=
Front Clearance (mm) (default)	500.0	=
Back Clearance (mm) (default)	100.0	=
Other		
Ceiling Panel (Sold Separetely) - Model name	RBC-UM21PG(W)-E	=
Ceiling Panel-Height (mm)	12.0	=
Ceiling Panel-Width (mm)	620.0	=
Ceiling Panel-Depth (mm)	620.0	=
Refrigerant Information	R410A	=
Weight (Kg)	15	=
Identity Data		
Article Description	Cassette 4-way compact	=
Article Type	MMU-UP0071MH-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	=
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Cost		=
Description	Cassette 4-way compact	=
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.	MMU-UP0071MH-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	MMU-UP0071MH-E	=
Product Line	TCC	= "TCC"
Revit Version	2017	= "2017"
Stabu Code		=
Type Comments		=
Type Image		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Watermarked By		=
Wholesaler		=
Wholesaler Art. No.		=

MMU-UP0091MH-E

Family Types

Type name: MMU-UP0091MH-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-255 000 000	=
White	Colour- RGB -255 255 255	=
Electrical		
MOCP (A)	15.0	=
MCA (A)	0.35	=
Running current-Cooling (A)	0.24	=
Power consumption-Cooling (Kw)	0.025	=
Running current-Heating	-	=
Power consumption-Heating	-	=
Frequency (Hz)	50Hz 220-240V	=
Voltage (V)	60Hz 208-230V	=
Starting current	0.43	=
Dimensions		
Height (mm)	256.0	=
Width (mm)	575.0	=
Depth (mm)	575.0	=
Piping diameter (mm)-Gas side	9.5	=
Piping diameter (mm)-Liquid side	6.4	=
Drain Pipe Diameter (mm)	VP20 (OD:26)	=
Duct diameters(mm)	-	=
Mechanical - Flow		
Sound pressure - High (dB)	38	=
Sound pressure - Mid+ (dB)	35	=
Sound pressure - Mid (dB)	33	=
Sound pressure - Low+ (dB)	30	=
Sound pressure - Low (dB)	29	=
Airflow - High (m3/h)	570	=
Airflow - Mid+ (m3/h)	520	=
Airflow - Mid (m3/h)	468	=
Airflow - Low+ (m3/h)	395	=
Airflow - Low (m3/h)	378	=
Power Consumption - High (W)	25	=
Power Consumption - Mid+ (W)	19	=
Power Consumption - Mid (W)	16	=
Power Consumption - Low+ (W)	14	=
Power Consumption - Low (W)	13	=
Mechanical - Loads		
Seasonal & Rated efficiency	-	=
Part load	-	=
Capacities - Cooling (kW)	2.8	=
Capacities - Heating (kW)	3.2	=

Family Types

Type name: MMU-UP0091MH-E

Search parameters

Parameter	Value	Formula
Visibility		
Service Area (default)	☑	=
Top Clearance (mm) (default)	15.0	=
Front Clearance (mm) (default)	500.0	=
Back Clearance (mm) (default)	100.0	=
Other		
Ceiling Panel (Sold Separetely) - Model name	RBC-UM21PG(W)-E	=
Ceiling Panel-Height (mm)	12.0	=
Ceiling Panel-Width (mm)	620.0	=
Ceiling Panel-Depth (mm)	620.0	=
Refrigerant Information	R410A	=
Weight (Kg)	15	=
Identity Data		
Article Description	Cassette 4-way compact	=
Article Type	MMU-UP0091MH-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	=
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Cost		=
Description	Cassette 4-way compact	=
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.	MMU-UP0091MH-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	MMU-UP0091MH-E	=
Product Line	TCC	= "TCC"
Revit Version	2017	= "2017"
Stabu Code		=
Type Comments		=
Type Image		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Watermarked By		=
Wholesaler		=
Wholesaler Art. No.		=

MMU-UP0121MH-E

Family Types

Type name: MMU-UP0121MH-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-255 000 000	=
White	Colour- RGB -255 255 255	=
Electrical		
MOCP (A)	15.0	=
MCA (A)	0.36	=
Running current-Cooling (A)	0.25	=
Power consumption-Cooling (Kw)	0.027	=
Running current-Heating	-	=
Power consumption-Heating	-	=
Frequency (Hz)	50Hz 220-240V	=
Voltage (V)	60Hz 208-230V	=
Starting current	0.44	=
Dimensions		
Height (mm)	256.0	=
Width (mm)	575.0	=
Depth (mm)	575.0	=
Piping diameter (mm)-Gas side	9.5	=
Piping diameter (mm)-Liquid side	6.4	=
Drain Pipe Diameter (mm)	VP20 (OD:26)	=
Duct diameters(mm)	-	=
Mechanical - Flow		
Sound pressure - High (dB)	38	=
Sound pressure - Mid+ (dB)	36	=
Sound pressure - Mid (dB)	34	=
Sound pressure - Low+ (dB)	31	=
Sound pressure - Low (dB)	30	=
Airflow - High (m3/h)	594	=
Airflow - Mid+ (m3/h)	550	=
Airflow - Mid (m3/h)	504	=
Airflow - Low+ (m3/h)	420	=
Airflow - Low (m3/h)	402	=
Power Consumption - High (W)	27	=
Power Consumption - Mid+ (W)	21	=
Power Consumption - Mid (W)	18	=
Power Consumption - Low+ (W)	15	=
Power Consumption - Low (W)	14	=
Mechanical - Loads		
Seasonal & Rated efficiency	-	=
Part load	-	=
Capacities - Cooling (kW)	3.6	=
Capacities - Heating (kW)	4.0	=

Family Types

Type name: MMU-UP0121MH-E

Search parameters

Parameter	Value	Formula
Visibility		
Service Area (default)	☑	=
Top Clearance (mm) (default)	15.0	=
Front Clearance (mm) (default)	500.0	=
Back Clearance (mm) (default)	100.0	=
Other		
Ceiling Panel (Sold Separetely) - Model name	RBC-UM21PG(W)-E	=
Ceiling Panel-Height (mm)	12.0	=
Ceiling Panel-Width (mm)	620.0	=
Ceiling Panel-Depth (mm)	620.0	=
Refrigerant Information	R410A	=
Weight (Kg)	15	=
Identity Data		
Article Description	Cassette 4-way compact	=
Article Type	MMU-UP0121MH-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	=
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Cost		=
Description	Cassette 4-way compact	=
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.	MMU-UP0121MH-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	MMU-UP0121MH-E	=
Product Line	TCC	= "TCC"
Revit Version	2017	= "2017"
Stabu Code		=
Type Comments		=
Type Image		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Watermarked By		=
Wholesaler		=
Wholesaler Art. No.		=



Thank You