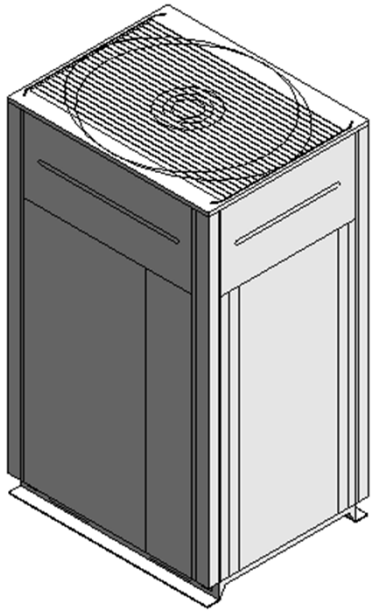
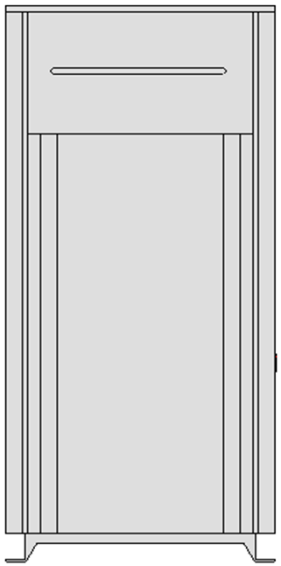
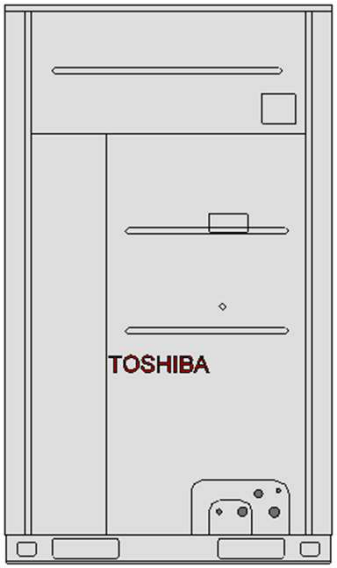
VRF_MMY1HT8P_08-14

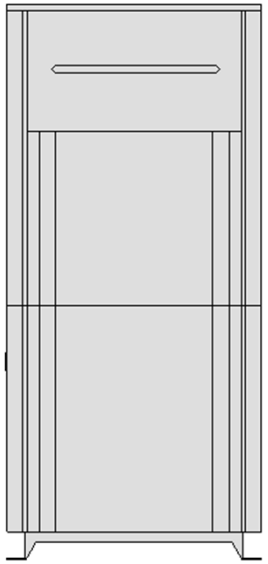
28-01-2021

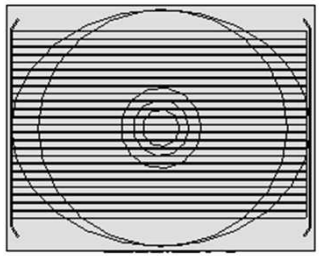
VRF_MMY1HT8P_08-14

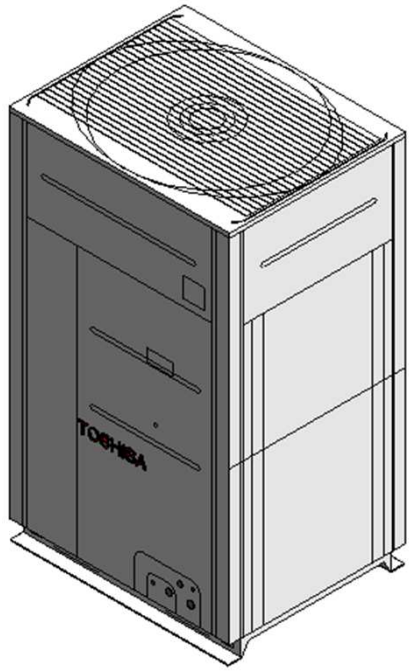




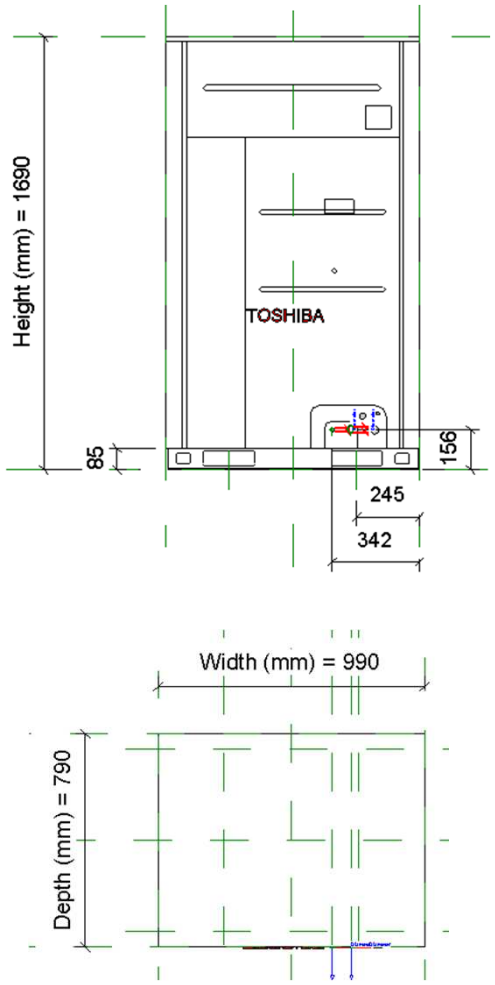




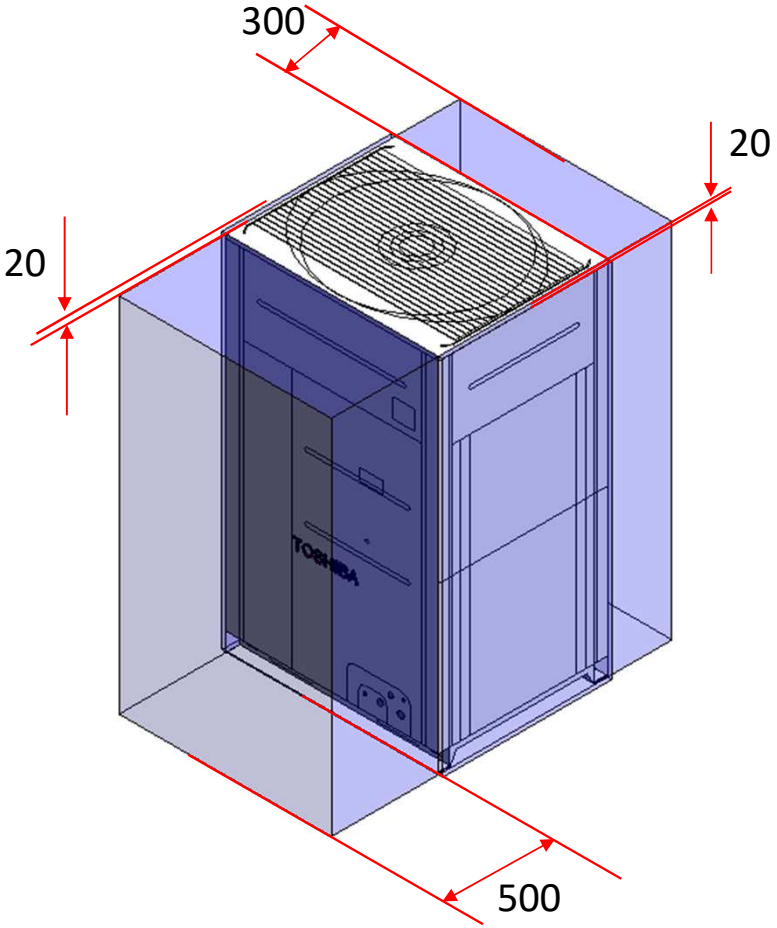




VRF_MMY1HT8P_08-14

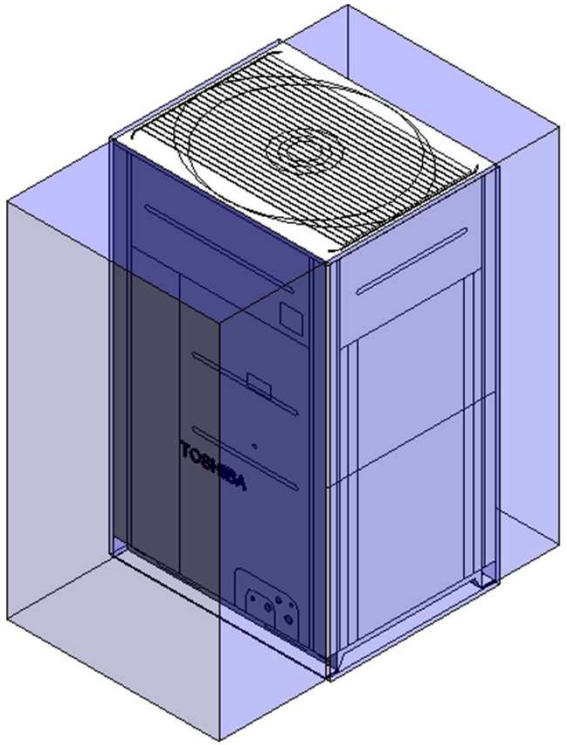


VRF_MMY1HT8P_08-14_ Service Area



VRF_MMY1HT8P_08-14

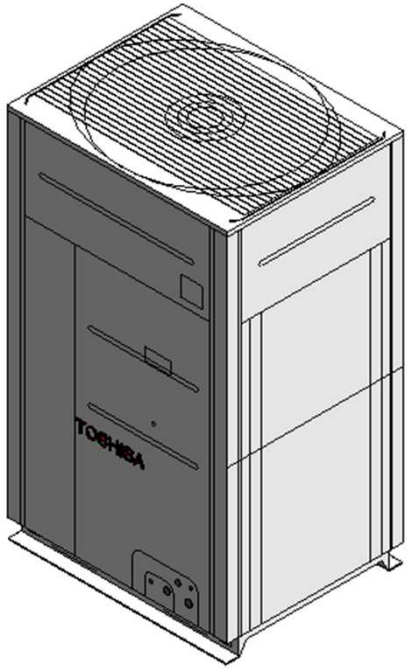
Visibility	
Service Area (default)	☑
Front Clearance (mm) (default)	500.0
Rear Clearance (mm) (default)	300.0
Right Side Clearance (mm) (default)	20.0
Left Side Clearance (mm)	20



Service Clearance ON

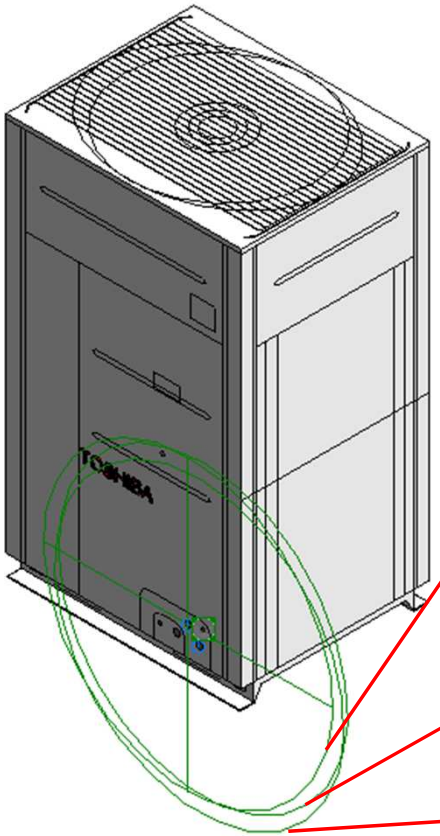
VRF_MMY1HT8P_08-14

Visibility	
Service Area (default)	☐
Front Clearance (mm) (default)	500.0
Rear Clearance (mm) (default)	300.0
Right Side Clearance (mm) (default)	20.0
Left Side Clearance (mm)	20



Service Clearance OFF

Electrical Connector



Properties	
Connector Element (1)	
Electrical - Loads	
System Type	Controls
Identity Data	
Utility	☐
Connector Descrip...	CONTROL CABLE-1

Properties	
Connector Element (1)	
Electrical - Loads	
System Type	Power - Unbalanced
Number of Poles	1
Power Factor State	Lagging
Load Classification	Other
Load Sub-Classification M...	☐
Voltage	230.00 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	POWER CABLE

Properties	
Connector Element (1)	Edit Ty
Electrical - Loads	
System Type	Controls
Identity Data	
Utility	☐
Connector Description	CONTROL CABLE-2

Pipe Connectors

Properties

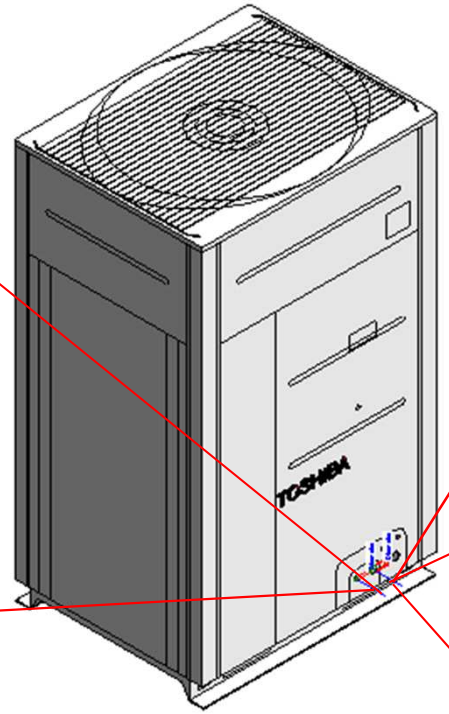
Connector Element (1)

Dimensions	
Diameter	15.9
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	Refrigerant Pipe Connecting Port-Liquid (dia 15.9mm)

Properties

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	☐
System Classification	Hydronic Supply
Mechanical - Flow	
Flow	0.00 L/s
Pressure Drop	0.00 Pa
Identity Data	
Utility	☐
Connector Description	Refrigerant Pipe Connecting Port-Liquid (dia 12.7mm)



Properties

Connector Element (1)

Dimensions	
Diameter	28.6
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	Refrigerant Pipe Connecting Port-Gas (dia 28.6mm)

Properties

Connector Element (1)

Dimensions	
Diameter	19.1
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	Refrigerant Pipe Connecting Port-Gas (dia 19.1mm)

Properties

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	☐
System Classification	Hydronic Return
Mechanical - Flow	
Flow	0.00 L/s
Pressure Drop	0.00 Pa
Identity Data	
Utility	☐
Connector Description	Refrigerant Pipe Connecting Port-Gas (dia 22.2mm)

MMY-MUP0801HT8P-E

Family Types

Type name: MMY-MUP0801HT8P-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-255 000 000	=
White	Colour RGB-255 255 255	=
Electrical		
MOCP (A)	20	=
MCA (A)	17	=
Running current - Cooling	9.15	=
Power consumption - Cooling	5.64	=
Running current - Heating(Rated/ Max)	8.56 / 9.73	=
Power consumption - Heating(Rated/ Max)	5.28 / 6.00	=
Frequency (Hz)	3Phase , 50Hz	=
Voltage (V)	380 - 415V	=
Starting current	Soft Start	=
Dimensions		
Height (mm)	1690.0	=
Width (mm)	990.0	=
Depth (mm)	790.0	=
Piping diameter(mm)-Gas	19.1	=
Piping diameter(mm)-Liquid	12.7	=
Duct diameters(mm)	-	=
Water pipe	-	=
Mechanical - Flow		
Static pressure	-	=
Sound pressure - Cooling (dB)(A)	53	=
Sound pressure - Heating (dB)(A)	56	=
Airflow (m3/h)	9900	=
Mechanical - Loads		
Rated efficiency - EER / COP	3.97 / 4.24	=
Part load	30-100%	=
Capacities-Cooling (kW)	22.4	=
Capacities-Heating kW(Rated/ Max)	22.4 / 25.0	=
Energy Analysis		
SEER	7.44	=
SCOP	4.5	=
Rated efficiency	-	=

Family Types

Type name: MMY-MUP0801HT8P-E

Search parameters

Parameter	Value	Formula
Visibility		
Service Area (default)	☐	=
Front Clearance (mm) (default)	500.0	=
Rear Clearance (mm) (default)	300.0	=
Right Side Clearance (mm) (default)	20.0	=
Left Side Clearance (mm)	20	=
Other		
Connectivity	-	=
Compressor detail - Type	Hermetic twin rotary compressor	=
Compressor detail - Motor output (kW)	5.31	=
Operating range - Cooling (°C)	-10 - 52	=
Operating range - Heating (°C)	-25 - 15.5	=
Refrigerrant Type	R410A	=
Weight (Kg)	228	=
Identity Data		
Article Description	SMMSu heatpump	=
Article Type	MMY-MUP0801HT8P-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	="www.hcltech.com"
Copyright	©Toshiba / HCL	="©Toshiba / HCL"
Cost		=
Description	SMMSu heatpump	=
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.	MMY-MUP0801HT8P-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	MMY-MUP0801HT8P-E	=
Product Line	TCTC	="TCTC"
Revit Version	2017	="2017"
Stabu Code		=
Type Comments		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Type Image		=
Watermarked By		=

MMY-MUP1001HT8P-E

Family Types

Type name: MMY-MUP1001HT8P-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-255 000 000	=
White	Colour RGB-255 255 255	=
Electrical		
MOCP (A)	32	=
MCA (A)	23	=
Running current - Cooling	13.4	=
Power consumption - Cooling	8.36	=
Running current - Heating(Rated/ Max)	11.5 / 13.3	=
Power consumption - Heating(Rated/ Max)	7.20 / 8.29	=
Frequency (Hz)	3Phase , 50Hz	=
Voltage (V)	380 - 415V	=
Starting current	Soft Start	=
Dimensions		
Height (mm)	1690.0	=
Width (mm)	990.0	=
Depth (mm)	790.0	=
Piping diameter(mm)-Gas	22.2	=
Piping diameter(mm)-Liquid	12.7	=
Duct diameters(mm)	-	=
Water pipe	-	=
Mechanical - Flow		
Static pressure	-	=
Sound pressure - Cooling (dB)(A)	55	=
Sound pressure - Heating (dB)(A)	58	=
Airflow (m3/h)	10500	=
Mechanical - Loads		
Rated efficiency - EER / COP	3.35 / 3.89	=
Part load	30-100%	=
Capacities-Cooling (kW)	28	=
Capacities-Heating kW(Rated/ Max)	28.0 / 31.5	=
Energy Analysis		
SEER	7.73	=
SCOP	4.78	=
Rated efficiency	-	=

Family Types

Type name: MMY-MUP1001HT8P-E

Search parameters

Parameter	Value	Formula
Visibility		
Service Area (default)	☐	=
Front Clearance (mm) (default)	500.0	=
Rear Clearance (mm) (default)	300.0	=
Right Side Clearance (mm) (default)	20.0	=
Left Side Clearance (mm)	20	=
Other		
Connectivity	-	=
Compressor detail - Type	Hermetic twin rotary compressor	=
Compressor detail - Motor output (kW)	6.44	=
Operating range - Cooling (°C)	-10 - 52	=
Operating range - Heating (°C)	-25 - 15.5	=
Refrigerrant Type	R410A	=
Weight (Kg)	228	=
Identity Data		
Article Description	SMMSu heatpump	=
Article Type	MMY-MUP1001HT8P-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	="www.hcltech.com"
Copyright	©Toshiba / HCL	="©Toshiba / HCL"
Cost		=
Description	SMMSu heatpump	=
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.	MMY-MUP1001HT8P-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	MMY-MUP1001HT8P-E	=
Product Line	TCTC	="TCTC"
Revit Version	2017	="2017"
Stabu Code		=
Type Comments		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Type Image		=
Watermarked By		=

MMY-MUP1201HT8P-E

Family Types

Type name: MMY-MUP1201HT8P-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-255 000 000	=
White	Colour RGB-255 255 255	=
Electrical		
MOCP (A)	32	=
MCA (A)	27	=
Running current - Cooling	16	=
Power consumption - Cooling	10.34	=
Running current - Heating(Rated/ Max)	12.1/ 13.8	=
Power consumption - Heating(Rated/ Max)	7.77 / 8.87	=
Frequency (Hz)	3Phase , 50Hz	=
Voltage (V)	380 - 415V	=
Starting current	Soft Start	=
Dimensions		
Height (mm)	1690.0	=
Width (mm)	990.0	=
Depth (mm)	790.0	=
Piping diameter(mm)-Gas	28.6	=
Piping diameter(mm)-Liquid	12.7	=
Duct diameters(mm)	-	=
Water pipe	-	=
Mechanical - Flow		
Static pressure	-	=
Sound pressure - Cooling (dB)(A)	58	=
Sound pressure - Heating (dB)(A)	62	=
Airflow (m3/h)	11700	=
Mechanical - Loads		
Rated efficiency - EER / COP	3.24 / 4.31	=
Part load	30-100%	=
Capacities-Cooling (kW)	33.5	=
Capacities-Heating kW(Rated/ Max)	33.5 / 37.5	=
Energy Analysis		
SEER	7.32	=
SCOP	4.75	=
Rated efficiency	-	=

Family Types

Type name: MMY-MUP1201HT8P-E

Search parameters

Parameter	Value	Formula
Visibility		
Service Area (default)	☐	=
Front Clearance (mm) (default)	500.0	=
Rear Clearance (mm) (default)	300.0	=
Right Side Clearance (mm) (default)	20.0	=
Left Side Clearance (mm)	20	=
Other		
Connectivity	-	=
Compressor detail - Type	Hermetic twin rotary compressor	=
Compressor detail - Motor output (kW)	8.23	=
Operating range - Cooling (°C)	-10 - 52	=
Operating range - Heating (°C)	-25 - 15.5	=
Refrigerrant Type	R410A	=
Weight (Kg)	228	=
Identity Data		
Article Description	SMMSu heatpump	=
Article Type	MMY-MUP1201HT8P-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	= "www.hcltech.com"
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Cost		=
Description	SMMSu heatpump	=
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.	MMY-MUP1201HT8P-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	MMY-MUP1201HT8P-E	=
Product Line	TCTC	= "TCTC"
Revit Version	2017	= "2017"
Stabu Code		=
Type Comments		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Type Image		=
Watermarked By		=

MMY-MUP1401HT8P-E

Family Types

Type name: MMY-MUP1401HT8P-E

Search parameters

Parameter	Value	Formula
Materials and Finishes		
Red	Colour RGB-255 000 000	=
White	Colour RGB-255 255 255	=
Electrical		
MOCP (A)	40	=
MCA (A)	31	=
Running current - Cooling	22.6	=
Power consumption - Cooling	14.55	=
Running current - Heating(Rated/ Max)	15.5/ 18.8	=
Power consumption - Heating(Rated/ Max)	10.00/ 12.13	=
Frequency (Hz)	3Phase , 50Hz	=
Voltage (V)	380 - 415V	=
Starting current	Soft Start	=
Dimensions		
Height (mm)	1690.0	=
Width (mm)	990.0	=
Depth (mm)	790.0	=
Piping diameter(mm)-Gas	28.6	=
Piping diameter(mm)-Liquid	15.9	=
Duct diameters(mm)	-	=
Water pipe	-	=
Mechanical - Flow		
Static pressure	-	=
Sound pressure - Cooling (dB)(A)	58	=
Sound pressure - Heating (dB)(A)	62	=
Airflow (m3/h)	11880	=
Mechanical - Loads		
Rated efficiency - EER / COP	2.75 / 4.00	=
Part load	30-100%	=
Capacities-Cooling (kW)	40	=
Capacities-Heating kW(Rated/ Max)	40.0 / 45.0	=
Energy Analysis		
SEER	7.05	=
SCOP	4.6	=
Rated efficiency	-	=

Family Types

Type name: MMY-MUP1401HT8P-E

Search parameters

Parameter	Value	Formula
Visibility		
Service Area (default)	☐	=
Front Clearance (mm) (default)	500.0	=
Rear Clearance (mm) (default)	300.0	=
Right Side Clearance (mm) (default)	20.0	=
Left Side Clearance (mm)	20	=
Other		
Connectivity	-	=
Compressor detail - Type	Hermetic twin rotary compressor	=
Compressor detail - Motor output (kW)	10.8	=
Operating range - Cooling (°C)	-10 - 52	=
Operating range - Heating (°C)	-25 - 15.5	=
Refrigerrant Type	R410A	=
Weight (Kg)	228	=
Identity Data		
Article Description	SMMSu heatpump	=
Article Type	MMY-MUP1401HT8P-E	=
Assembly Code		=
Base Family Version		=
CB-NL Class		=
Content Supplier URL	www.hcltech.com	= "www.hcltech.com"
Copyright	©Toshiba / HCL	= "©Toshiba / HCL"
Cost		=
Description	SMMSu heatpump	=
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.	MMY-MUP1401HT8P-E	=
Manufacturer URL	https://www.toshiba-carrier.co.jp/global/	=
Model	MMY-MUP1401HT8P-E	=
Product Line	TCTC	= "TCTC"
Revit Version	2017	= "2017"
Stabu Code		=
Type Comments		=
URL	https://www.toshiba-carrier.co.jp/global/	=
Type Image		=
Watermarked By		=



Thank You