

Project Name: Kroměříž Velké nám 33

Created Date: 13.02.2023

Client Name: elipssis

Prepared By: elipssis s.r.o.

Project Ref No:

Project Ref Text:

Project Revision:



Kroměříž Velké nám 33Outdoor Units

Model	Quantity	Description
MMY-MUP2001HT8P-E	1	Super Modular Multi System (SMMS-u)

Indoor Units

Model	Quantity	Description
MMK-UP0071HP-E	12	0,8HP High Wall Standard
MMK-UP0091HP-E	2	1,0HP High Wall Standard
MMK-UP0121HP-E	2	1,3HP High Wall Standard
MMK-UP0151HP-E	1	1,7HP High Wall Standard
MMK-UP0181HP-E	2	2,0HP High Wall Standard

Y Joints

Model	Quantity	Description
RBM-BY55E	13	Y-Joint
RBM-BY105E	4	Y-Joint
RBM-BY205E	1	Y-Joint

Piping Length

Pipe Diameter	Total Length	Gas Side	Discharge Side	Liquid Side
6,4mm	65,00 m	0,00 m	0,00 m	65,00 m
9,5mm	106,00 m	61,00 m	0,00 m	45,00 m
12,7mm	44,00 m	16,00 m	0,00 m	28,00 m
15,9mm	39,00 m	33,00 m	0,00 m	6,00 m
22,2mm	28,00 m	28,00 m	0,00 m	0,00 m
28,6mm	6,00 m	6,00 m	0,00 m	0,00 m

Total Refrigerant Charge Amount

Refrigerant (R410A)	Amount	Description
Outdoor Unit	9,000 kg	Refrigerant amount charged in factory
Additional Refrigerant	16,400 kg	Amount needed for the pipes at the site
<b>TOTAL:</b>	<b>25,400 kg</b>	

Outdoor Design Temperature

System	Mode	Description	Temperature
Kroměříž Velké nám 33	Cooling	Dry Bulb temperature	35,0 °C
	Heating	Wet Bulb temperature	6,0 °C

## Kroměříž Velké nám 33

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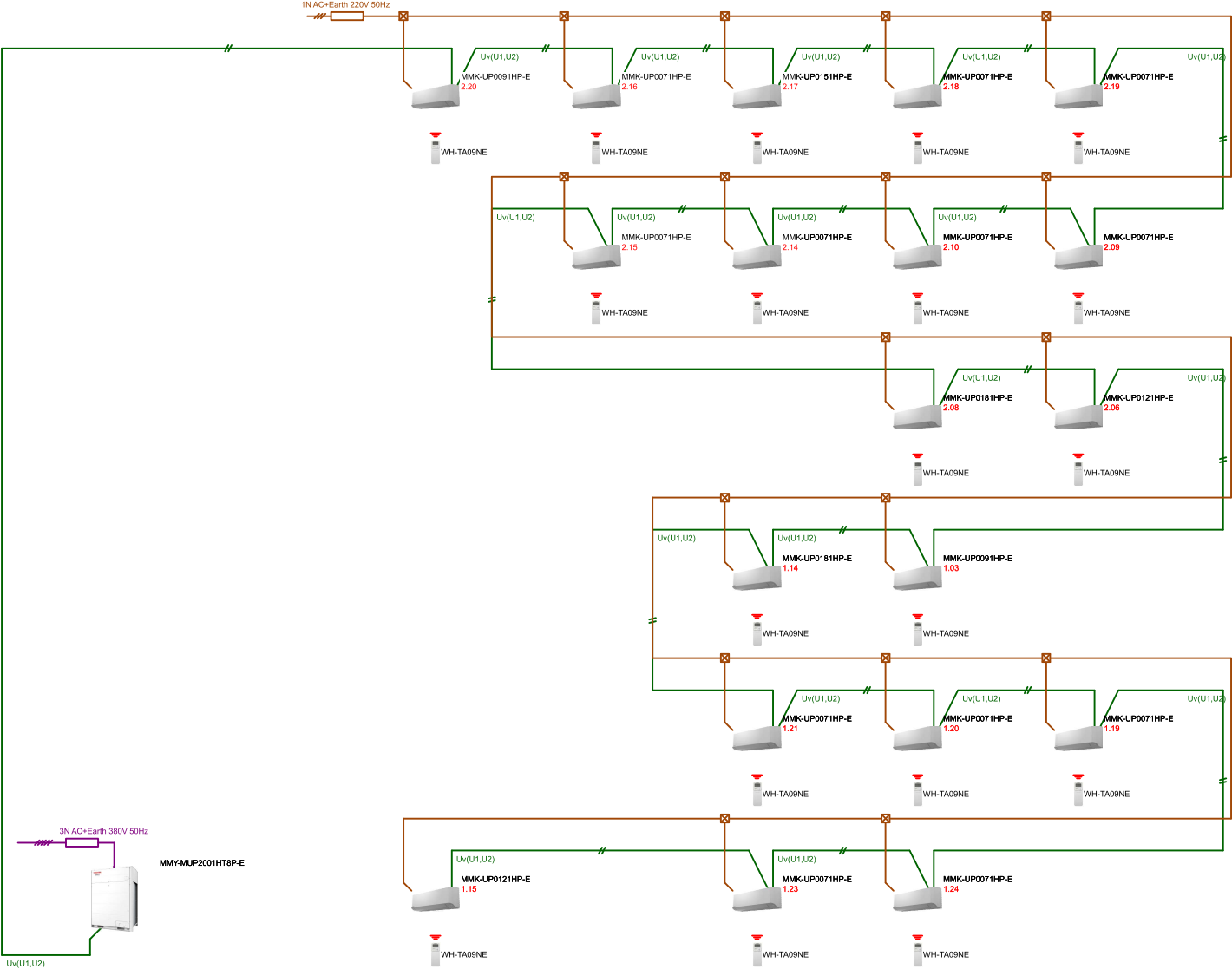
**Electronic Information(OutdoorUnits)**

Property	Value	Description
MOCP(A)	50	Maximum Overcurrent Protection
MCA(A)	40	Minimum Circuit Amps
Protection Device Size(A)		Follow applicable local standard as needed
Wire(cable size)(mm <sup>2</sup> ) or AWG(#)		Follow applicable local standard as needed

**Electronic Information(IndoorUnits)**

Property	Value	Description
Total MCA(A)	0	
Protection Device Size(A)		Follow applicable local standard as needed
Wire(cable size)(mm <sup>2</sup> ) or AWG(#)		Follow applicable local standard as needed

Kroměříž Velké nám 33



**Control Wiring Legend**  
Outdoor - Indoor Control Wiring\*  
Central Control Wiring\*  
Outdoor Units Control Wiring\*  
Remote Controller Wiring\*

**Label**  
Uv(U1,U2)  
Uh  
Uc  
A,B

**Wiring Size and Length**  
1,25mm<sup>2</sup> up to 1000m & 2,0mm<sup>2</sup> up to 2000m  
1.0-1.5mm<sup>2</sup> up to 1000m & 2,0mm<sup>2</sup> up to 2000m  
1,0mm<sup>2</sup> to 1,5mm<sup>2</sup> up to 1000m  
0,5mm<sup>2</sup> to 2,0mm<sup>2</sup> up to 500m (Wireless Remote Controller up to 400m). Group Control wiring is up to 200m

\* 2 core, no polarity, shielded  
Note: Power Wiring should comply with Local, National and International Regulation.

**Symbol Legend**

Control

Power

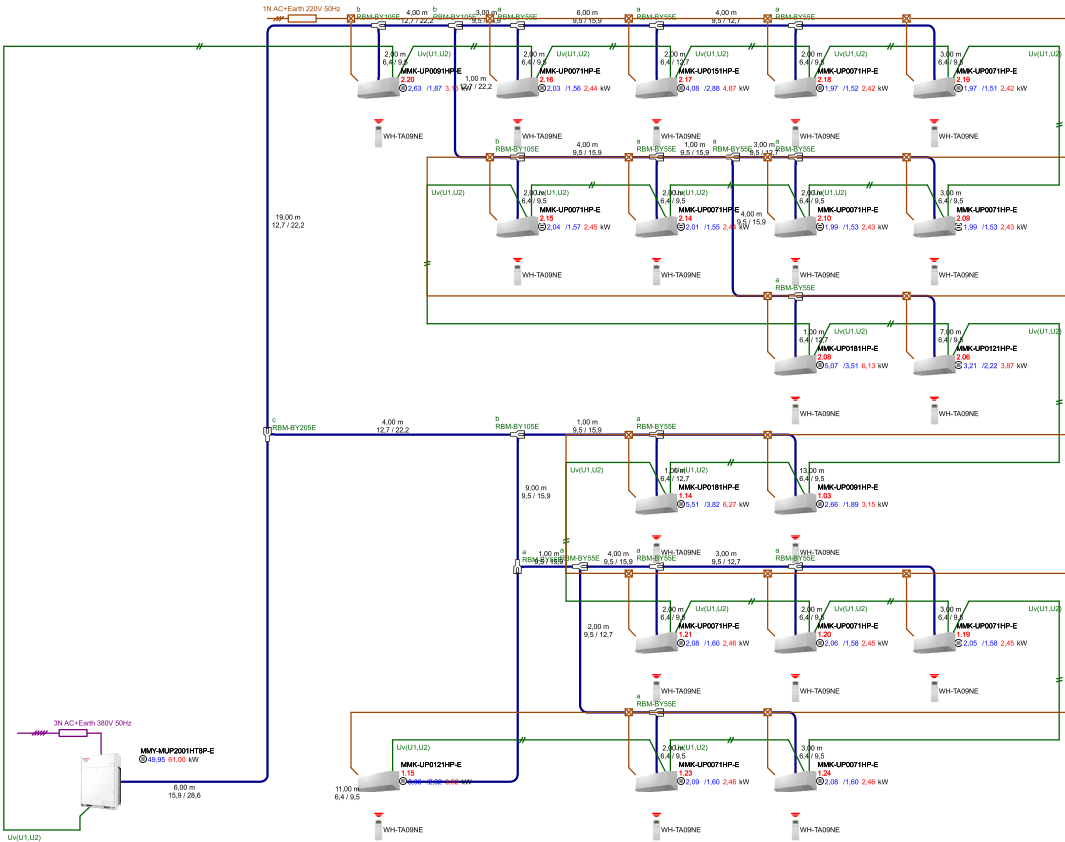
Remote Control

Signal

Piping\*

\*Note: Pipe diameters in mm

Kroměříž Velké nám 33



**Branches Legend**

RBM-BY55E

RBM-BY105E

RBM-BY205E

a

b

c

(x13)

(x4)

(x1)