

# **ANEXO 2 – DIAGRAMAS PROJETO DE AR-CONDICIONADO**

**LISTA DE EQUIPAMENTOS /  
DIMENSIONAMENTO DAS  
TUBULAÇÕES**

**DIAGRAMAS DE TUBULAÇÃO**

**DIAGRAMAS DE FIAÇÃO**



# SISTEMA 1

REFERÊNCIA:TVR Selection Software Report

## LISTA DE EQUIPAMENTOS

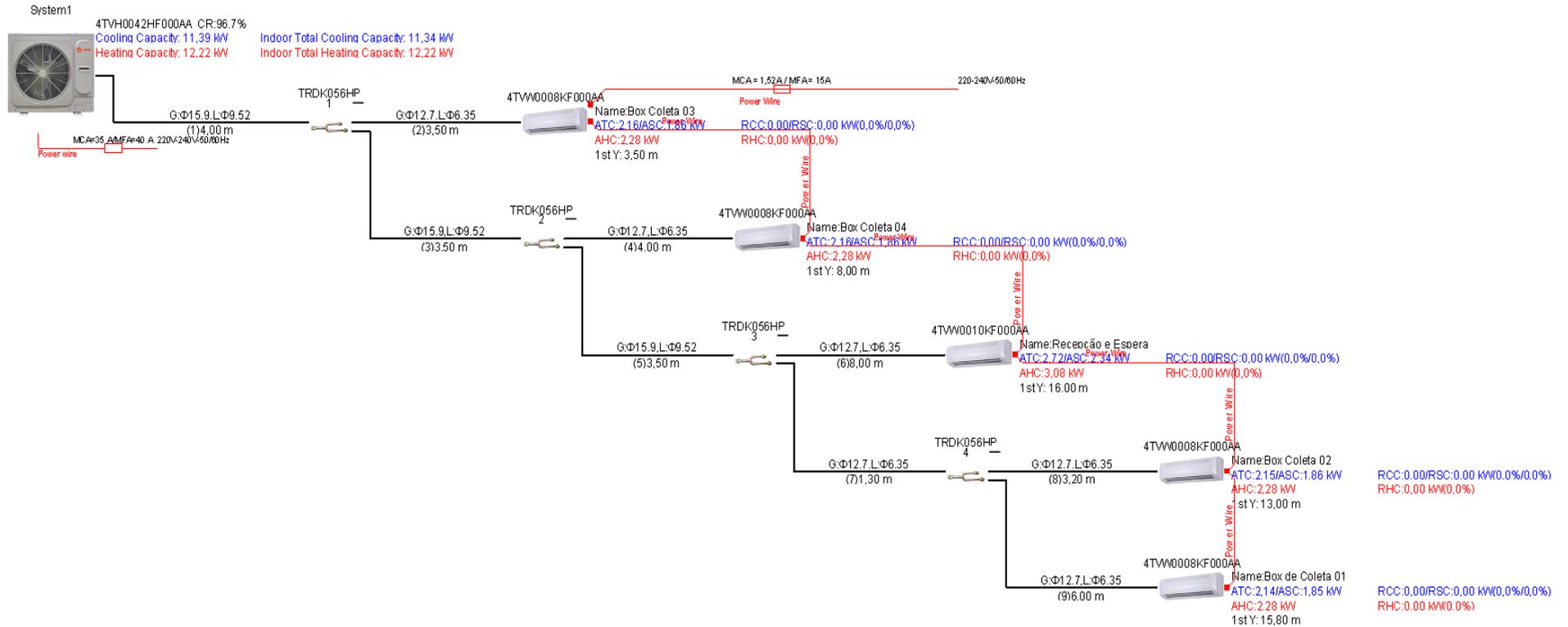
Model	Quantity	Description
4TVH0042HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVW0010KF000AA	1	Wall mounted
4TVW0008KF000AA	4	Wall mounted
TRDK056HP	4	Branch header

Model	Quantity	Unit	Description
4TVH0042HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVW0010KF000AA	1		Wall mounted
4TVW0008KF000AA	4		Wall mounted
TRDK056HP	4		Branch header
R410A	1.3	kg	Extra Refrigerant Added
Φ6.35	26	m	Copper pipe
Φ9.52	11	m	Copper pipe
Φ12.7	26	m	Copper pipe
Φ15.9	11	m	Copper pipe

## Tabela de detalhes da unidade interna

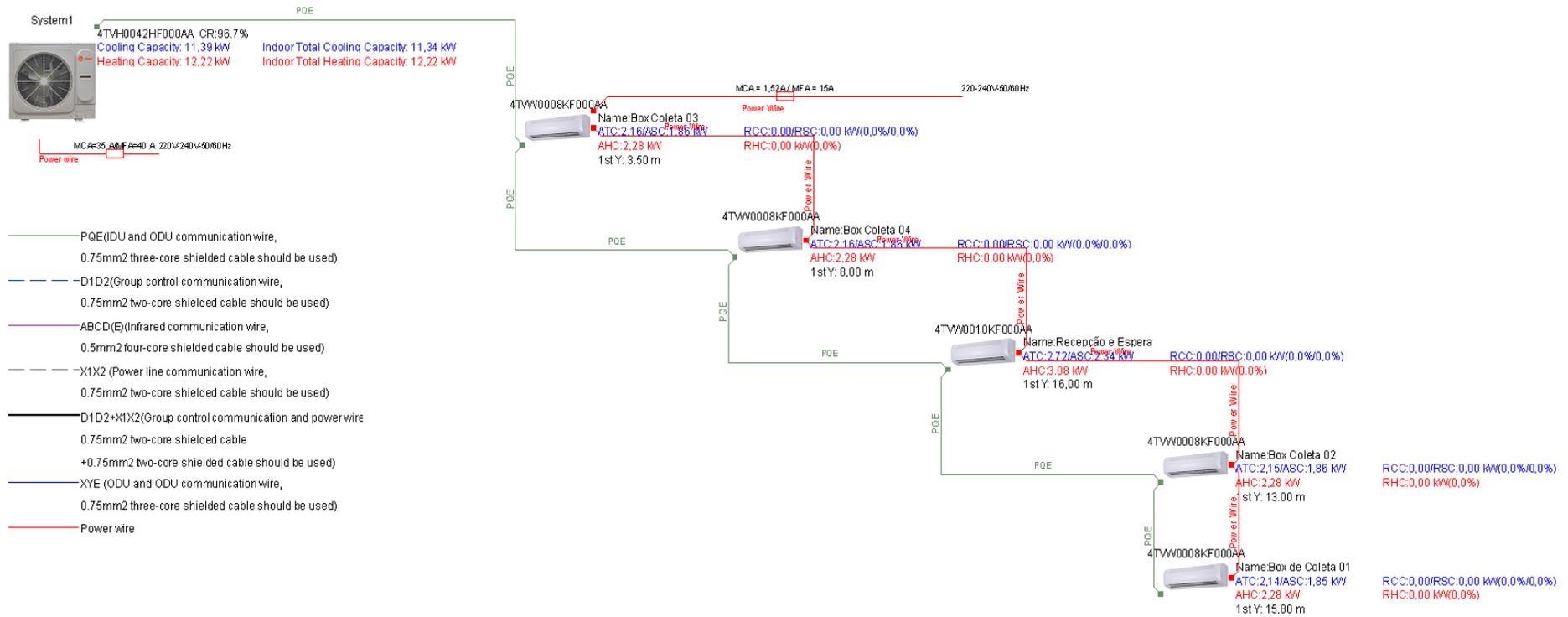
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
Box de Coleta 01	4TVW0008KF000AA	9	750*295*265	220-240V-50/60Hz	0,29	15
Box Coleta 02	4TVW0008KF000AA	9	750*295*265	220-240V-50/60Hz	0,29	15
Recepção e Espera	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15
Box Coleta 04	4TVW0008KF000AA	9	750*295*265	220-240V-50/60Hz	0,29	15
Box Coleta 03	4TVW0008KF000AA	9	750*295*265	220-240V-50/60Hz	0,29	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação



The drawing may differ from actual conditions due to limitations of the software.Please confirm before installation according to the installation manual.



## SISTEMA 2

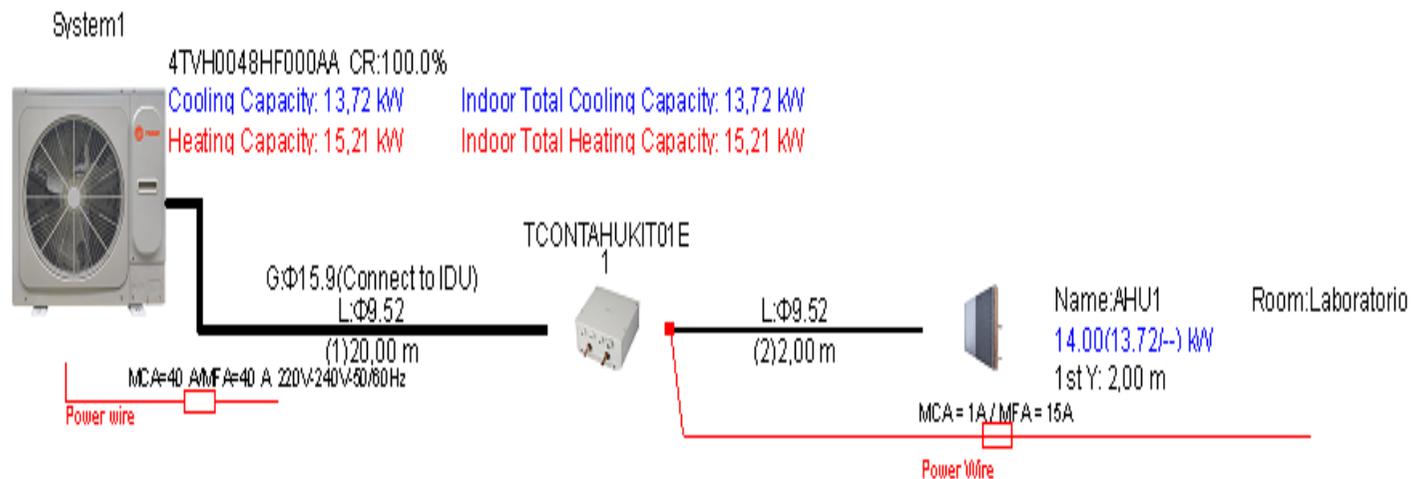
REFERÊNCIA:TVR Selection Software Report

### LISTA DE EQUIPAMENTOS

<b>Model</b>	<b>Quantity</b>	<b>Description</b>
4TVH0048HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
TCONTAHUKIT01E	1	AHU Kit(Standard wired controller TCONTKJRUT86ED)

<b>Model</b>	<b>Quantity</b>	<b>Unit</b>	<b>Description</b>
4TVH0048HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
TCONTAHUKIT01E	1		AHU Kit(Standard wired controller TCONTKJRUT86ED)
R410A	1.34	kg	Extra Refrigerant Added
Φ9.52	22	m	Copper pipe
Φ15.9	20	m	Copper pipe

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software.Please confirm before installation according to the installation manual.

## Diagramas de fiação



- PQE(IDU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
  - D1D2(Group control communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
  - ABCD(E)(Infrared communication wire, 0.5mm<sup>2</sup> four-core shielded cable should be used)
  - X1X2 (Power line communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
  - D1D2+X1X2(Group control communication and power wire 0.75mm<sup>2</sup> two-core shielded cable +0.75mm<sup>2</sup> two-core shielded cable should be used)
  - XYE (ODU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
  - Power wire
- The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.



## SISTEMA 3

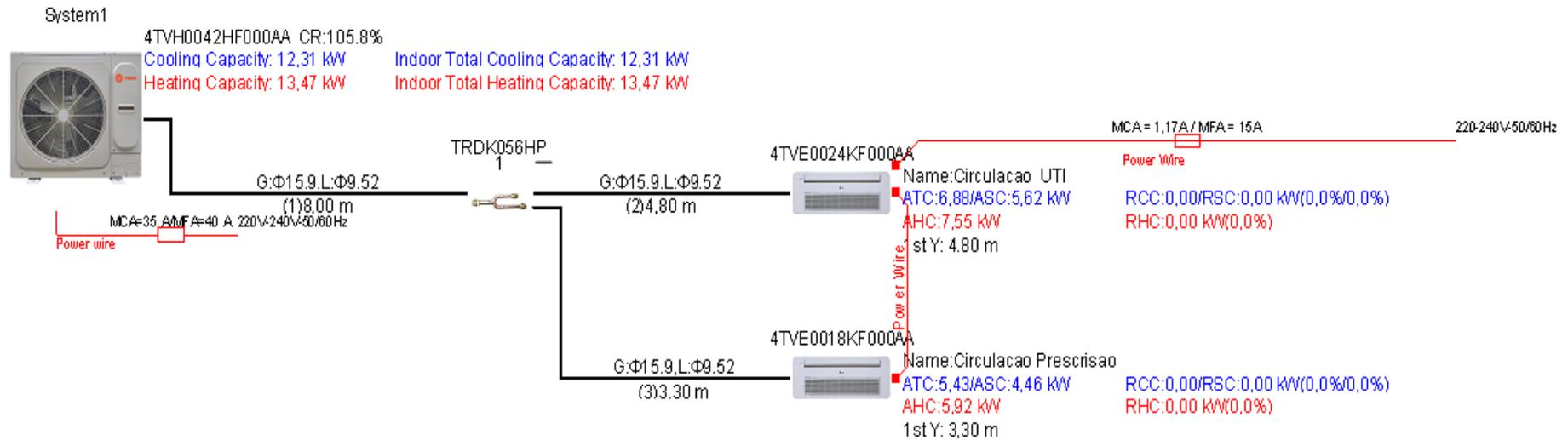
REFERÊNCIA: TVR Selection Software Report

### LISTA DE EQUIPAMENTOS

Model	Quantity	Description
4TVH0042HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVE0024KF000AA	1	One-way Cassette
4TVE0018KF000AA	1	One-way Cassette
TRDK056HP	1	Branch header

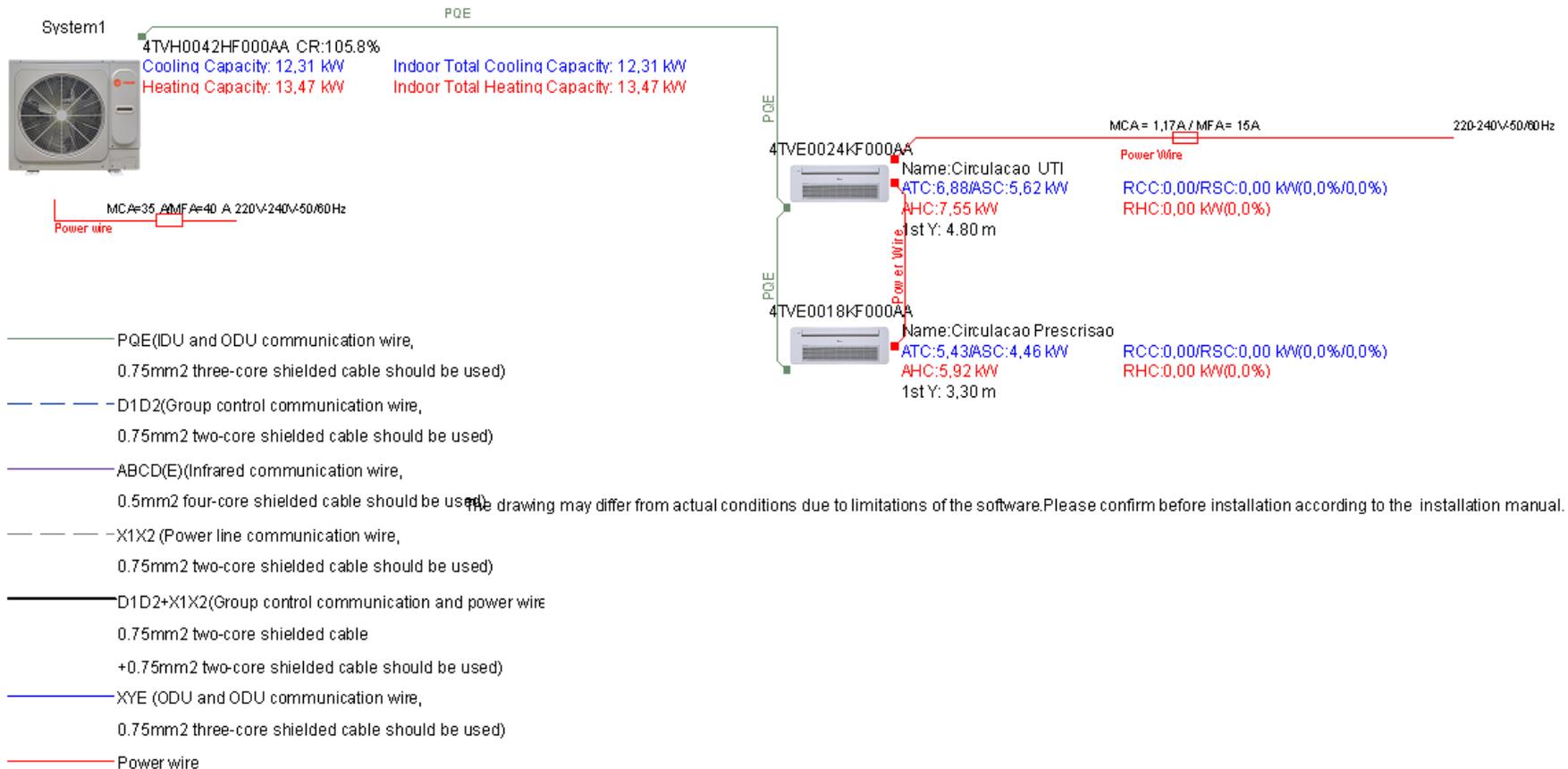
Model	Quantity	Unit	Description
4TVH0042HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVE0024KF000AA	1		One-way Cassette
4TVE0018KF000AA	1		One-way Cassette
TRDK056HP	1		Branch header
R410A	0.95	kg	Extra Refrigerant Added
Φ9.52	16.1	m	Copper pipe
Φ15.9	16.1	m	Copper pipe

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação





## SISTEMA 04

### REFERÊNCIA: TVR Selection Software Report

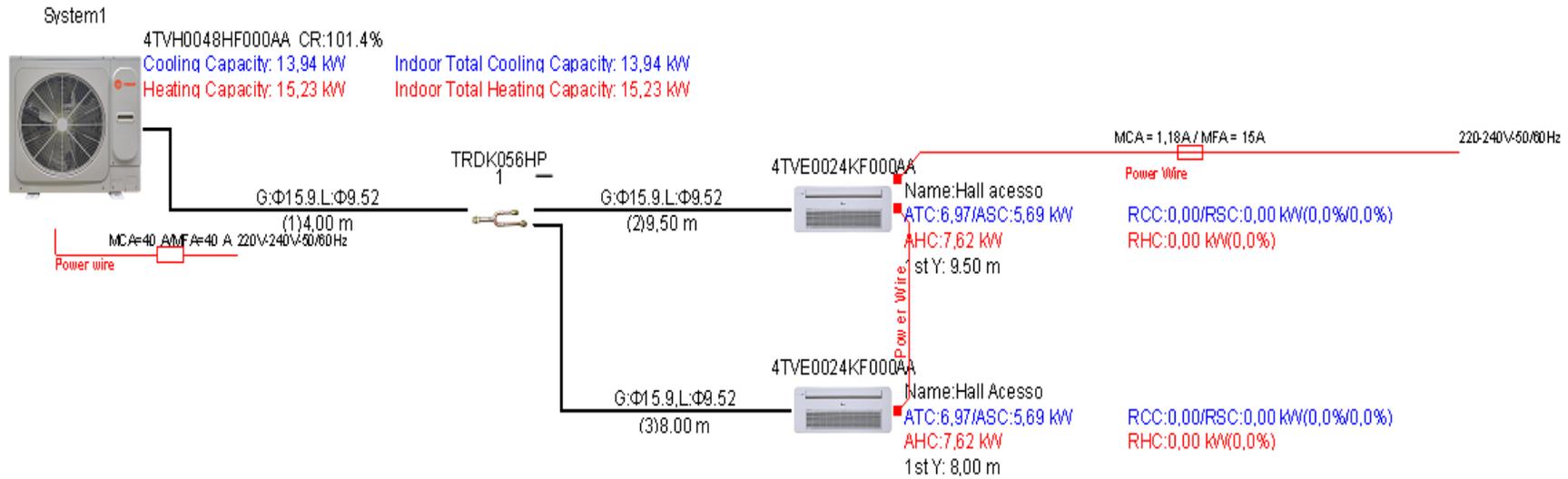
#### LISTA DE EQUIPAMENTO

Model	Quantity	Description
4TVH0048HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVE0024KF000AA	2	One-way Cassette
TRDK056HP	1	Branch header

Model	Quantity	Unit	Description
4TVH0048HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVE0024KF000AA	2		One-way Cassette
TRDK056HP	1		Branch header
R410A	1.25	kg	Extra Refrigerant Added
Φ9.52	21.5	m	Copper pipe
Φ15.9	21.5	m	Copper pipe

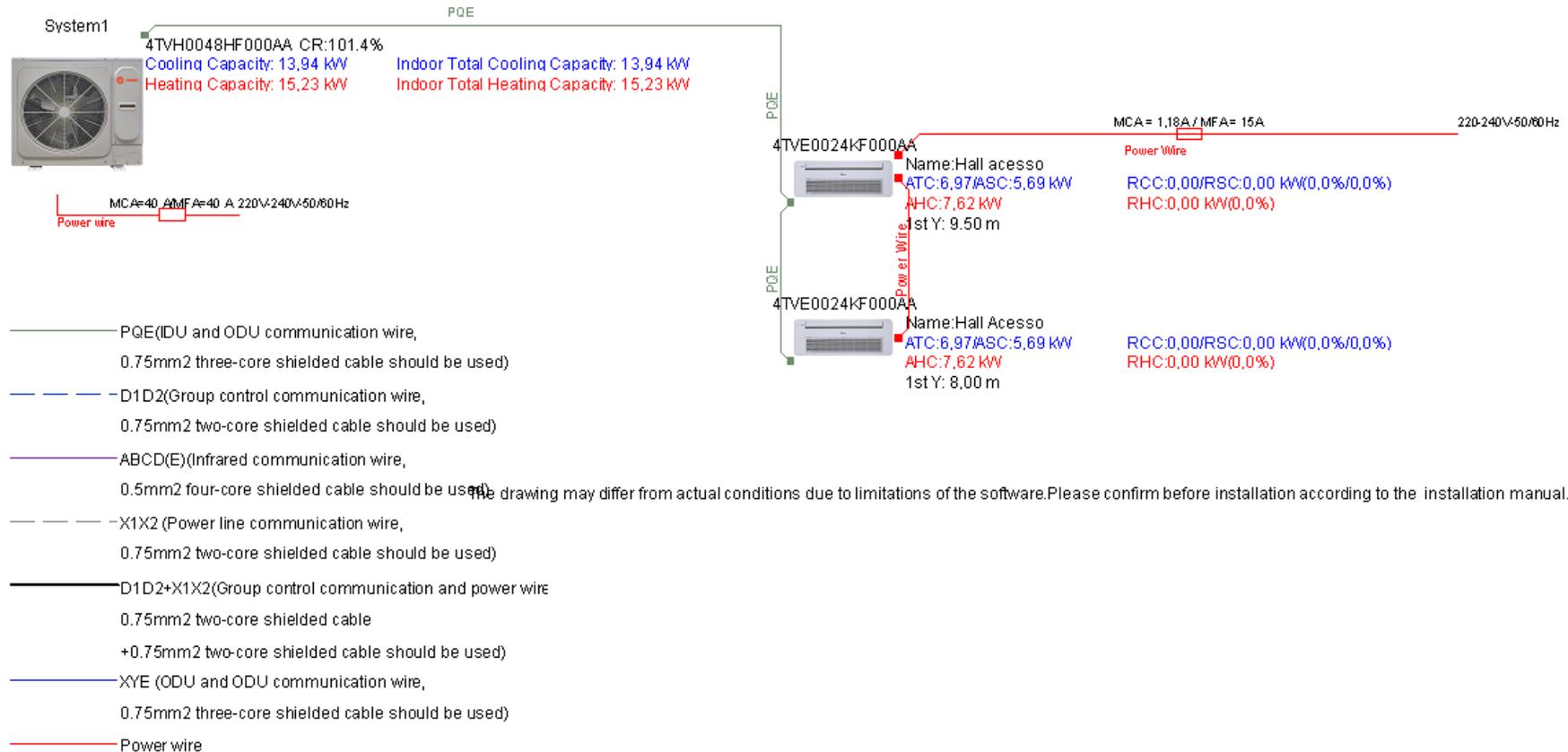
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
Hall acesso	4TVE0024KF000AA	16.9	1275*189*452	220-240V-50/60Hz	0,59	15
Hall Acesso	4TVE0024KF000AA	16.9	1275*189*452	220-240V-50/60Hz	0,59	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação







# SISTEMA 05

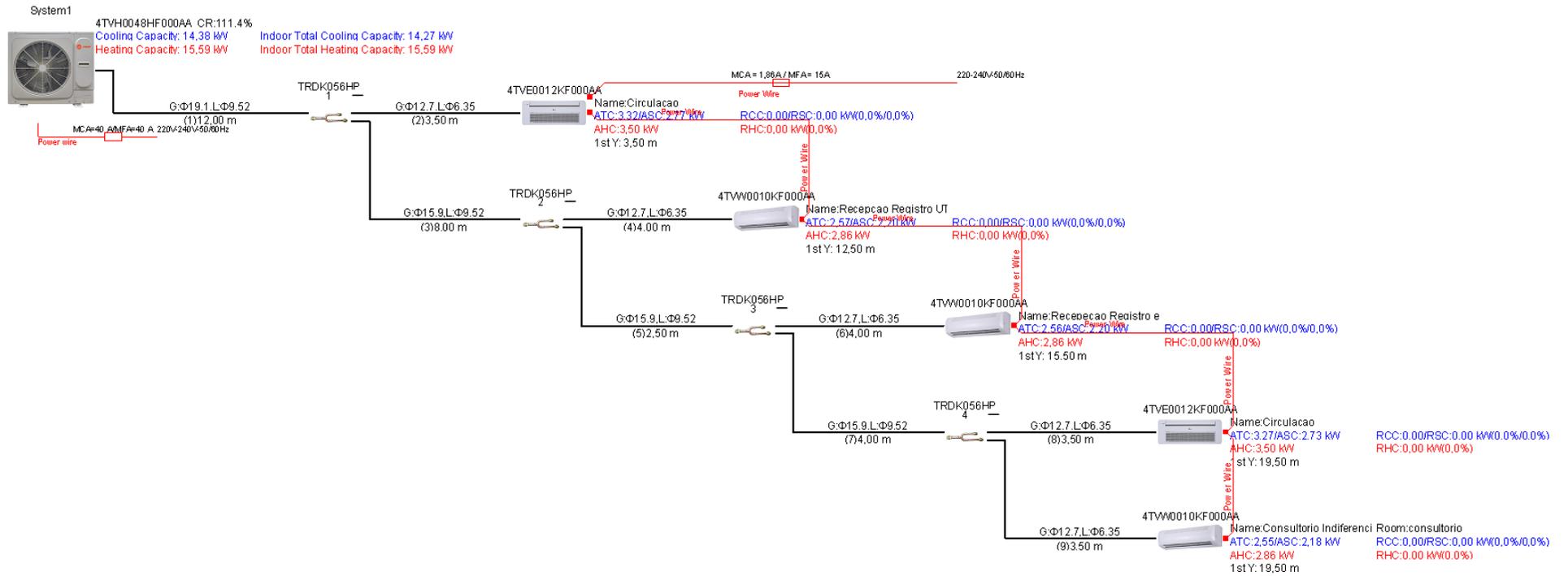
REFERÊNCIA: TVR Selection Software Report

LISTA EQUIPAMENTOS

Model	Quantity	Description	
4TVH0048HF000AA	1	New Gen Mini TVR Plus 27-60 MBH	
4TVE0012KF000AA	2	One-way Cassette	
4TVW0010KF000AA	3	Wall mounted	
TRDK056HP	4	Branch header	
Model	Quantity	Unit	Description
4TVH0048HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVE0012KF000AA	2		One-way Cassette
4TVW0010KF000AA	3		Wall mounted
TRDK056HP	4		Branch header
R410A	2.03	kg	Extra Refrigerant Added
Φ6.35	18.5	m	Copper pipe
Φ9.52	26.5	m	Copper pipe
Φ12.7	18.5	m	Copper pipe
Φ15.9	14.5	m	Copper pipe
Φ19.1	12	m	Copper pipe

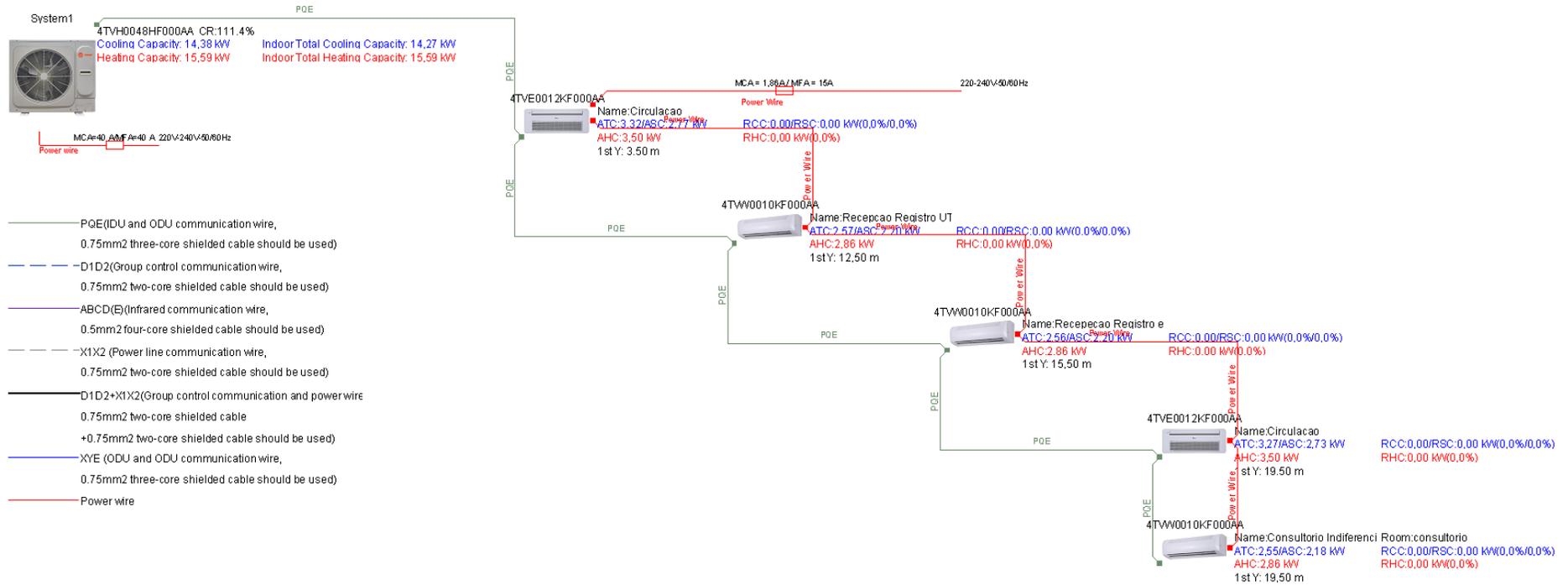
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
Recepecao Registro e triagem de Doadoras	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15
Recepcao Registro UTI Neo Natal	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15
Circulacao	4TVE0012KF000AA	11.8	1054*153*428	220-240V-50/60Hz	0,39	15
consultorio/Consultorio Indiferenciado	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15
Circulacao	4TVE0012KF000AA	11.8	1054*153*428	220-240V-50/60Hz	0,39	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação





## SISTEMA 06

### REFERÊNCIA: TVR Selection Software Report

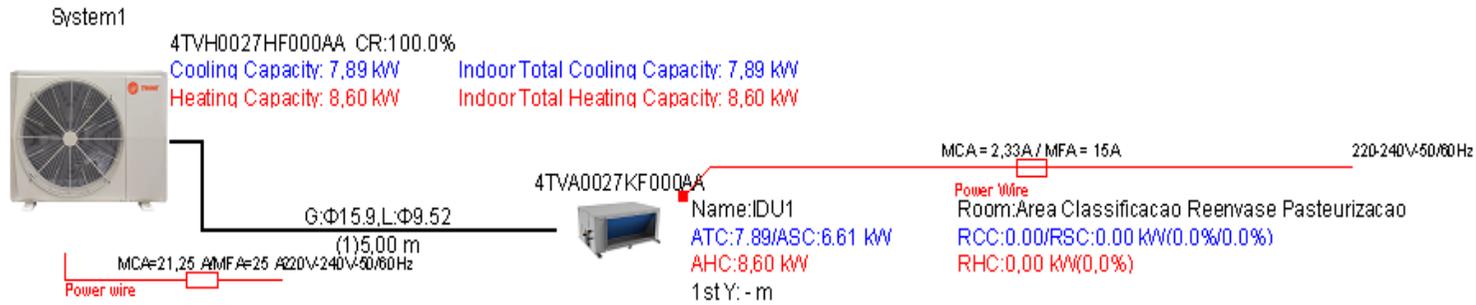
#### LISTA EQUIPAMENTOS

Model	Quantity	Description
4TVH0027HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVA0027KF000AA	1	High Static Pressure Duct

Model	Quantity	Unit	Description
4TVH0027HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVA0027KF000AA	1		High Static Pressure Duct
R410A	0.29	kg	Extra Refrigerant Added
Φ9.52	5	m	Copper pipe
Φ15.9	5	m	Copper pipe

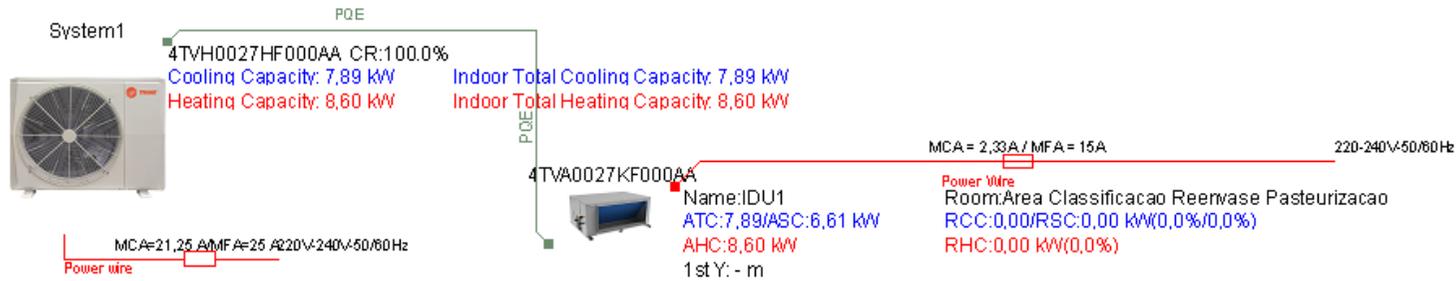
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
Area Classificacao Reenvase Pasteurizacao/IDU1	4TVA0027KF000AA	35	1161*299*770	220-240V-50/60Hz	2,33	15

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

## Diagramas de fiação



- PQE(IDU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used) The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.
- D1D2(Group control communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
- ABCD(E)(Infrared communication wire, 0.5mm<sup>2</sup> four-core shielded cable should be used)
- X1X2 (Power line communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
- D1D2+X1X2(Group control communication and power wire 0.75mm<sup>2</sup> two-core shielded cable +0.75mm<sup>2</sup> two-core shielded cable should be used)
- XYE (ODU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
- Power wire



# SISTEMA 07

REFERÊNCIA: TVR Selection Software Report

## Equipment List

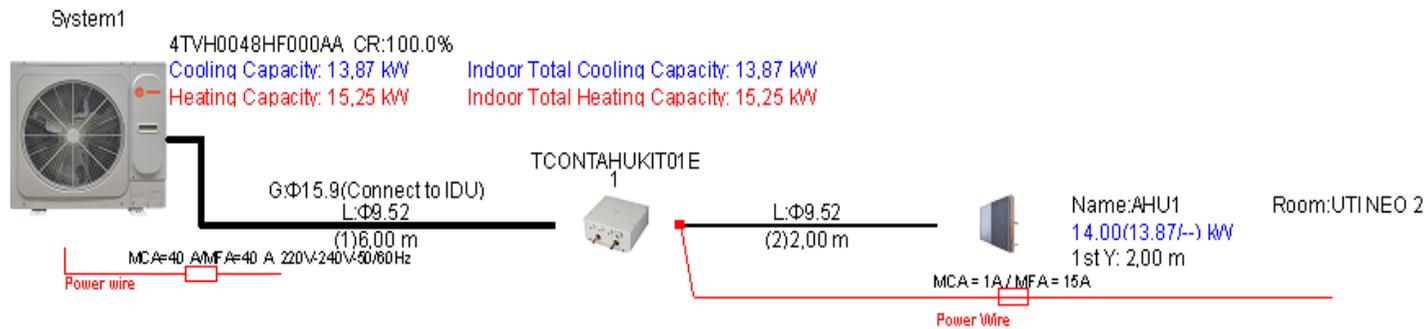
Model	Quantity	Description
4TVH0048HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
TCONTAHUKIT01E	1	AHU Kit(Standard wired controller TCONTKJRUT86ED)

## 4. System1

### 4.1 BOM List (System1)

Model	Quantity	Unit	Description
4TVH0048HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
TCONTAHUKIT01E	1		AHU Kit(Standard wired controller TCONTKJRUT86ED)
R410A	0.46	kg	Extra Refrigerant Added
Φ9.52	8	m	Copper pipe
Φ15.9	6	m	Copper pipe

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

## Diagramas de fiação



- PQE(IDU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
  - D1D2(Group control communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
  - ABCD(E)(Infrared communication wire, 0.5mm<sup>2</sup> four-core shielded cable should be used)
  - X1X2 (Power line communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
  - D1D2+X1X2(Group control communication and power wire 0.75mm<sup>2</sup> two-core shielded cable +0.75mm<sup>2</sup> two-core shielded cable should be used)
  - XYE (ODU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
  - Power wire
- The drawing may differ from actual conditions due to limitations of the software.Please confirm before installation according to the installation manual.



# SISTEMA 08

REFERÊNCIA: TVR Selection Software Report

## LISTA DE EQUIPAMENTOS

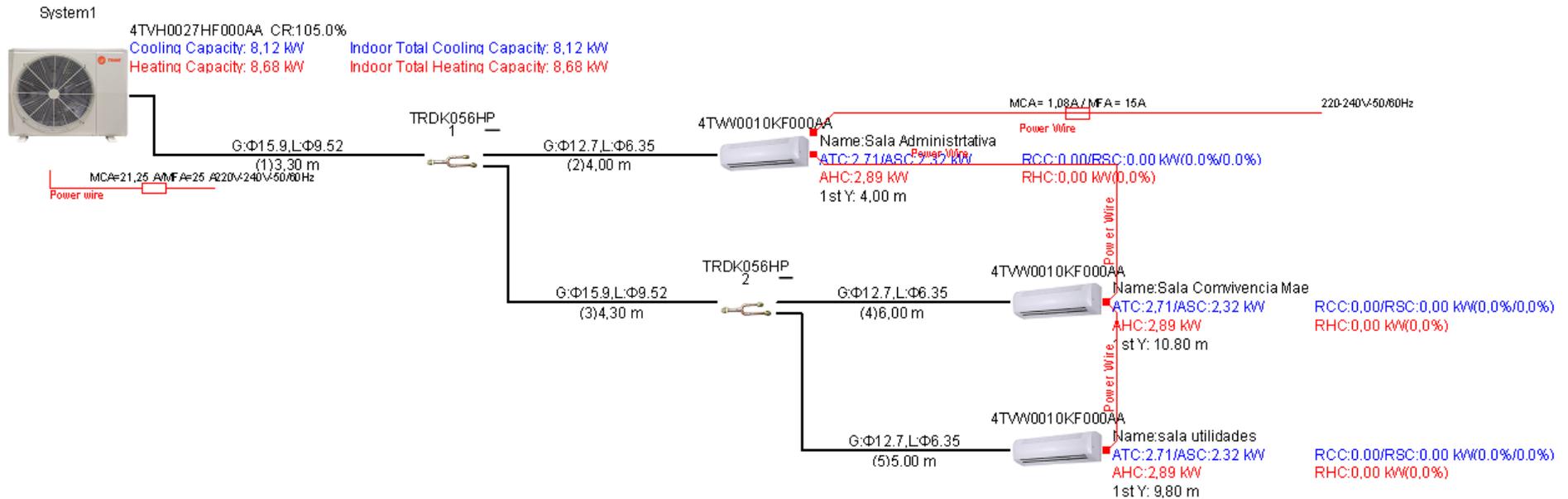
Model	Quantity	Description
4TVH0027HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVW0010KF000AA	3	Wall mounted
TRDK056HP	2	Branch header

### 4.1 BOM List (System1)

Model	Quantity	Unit	Description
4TVH0027HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVW0010KF000AA	3		Wall mounted
TRDK056HP	2		Branch header
R410A	0.82	kg	Extra Refrigerant Added
Φ6.35	15	m	Copper pipe
Φ9.52	7.6	m	Copper pipe
Φ12.7	15	m	Copper pipe
Φ15.9	7.6	m	Copper pipe

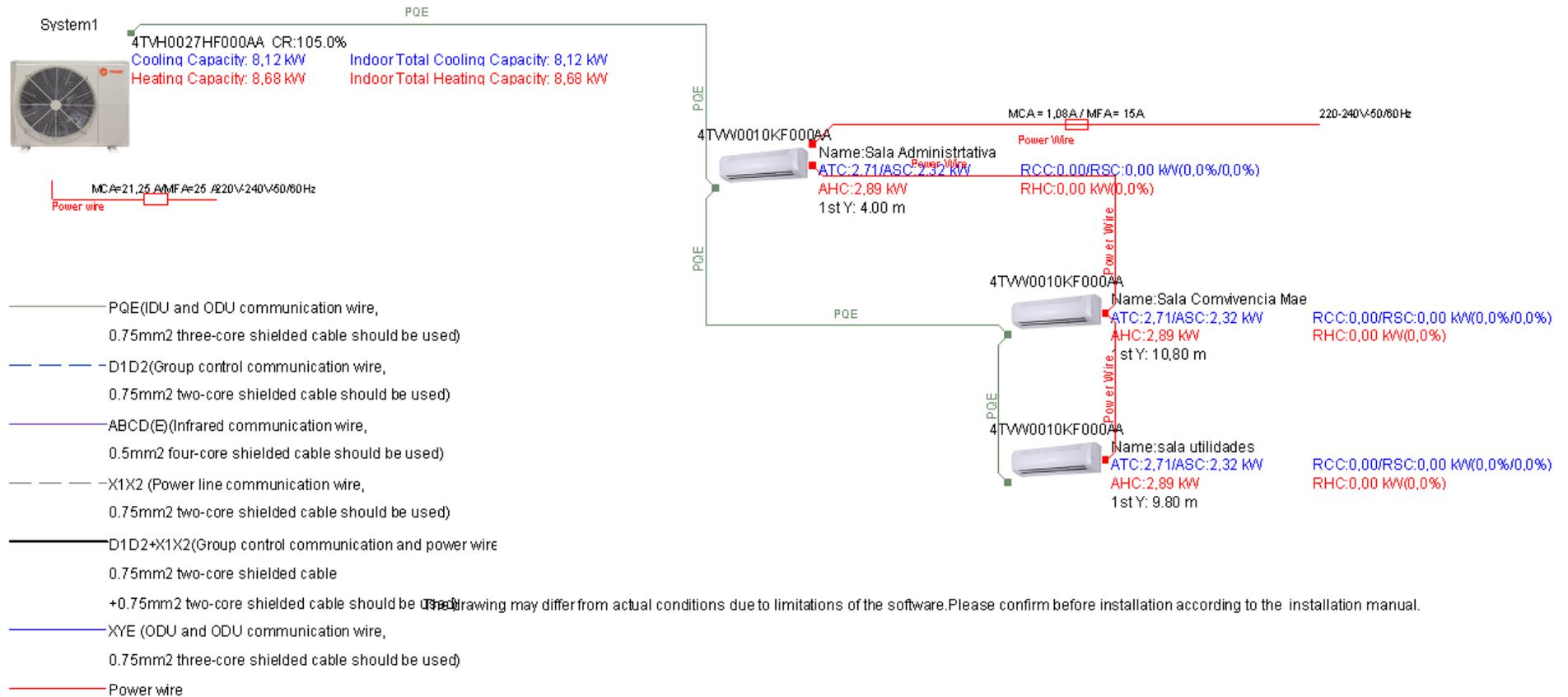
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
sala utilidades	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15
Sala Convivencia Mae	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15
Sala Administrativa	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação



This drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.



## SISTEMA 09

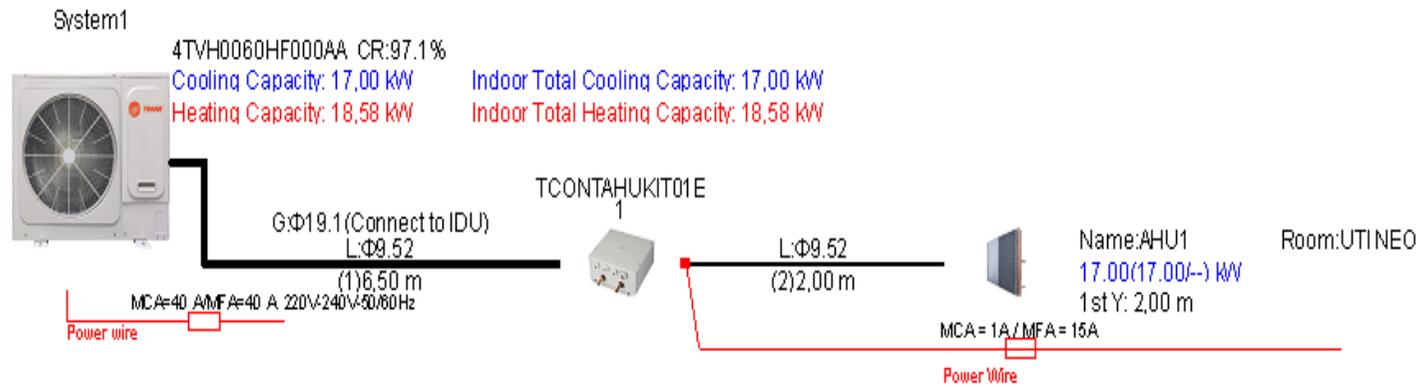
REFERÊNCIA: TVR Selection Software Report

### LISTA DE EQUIPAMENTOS

Model	Quantity	Description
4TVH0060HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
TCONTAHUKIT01E	1	AHU Kit(Standard wired controller TCONTKJRUT86ED)

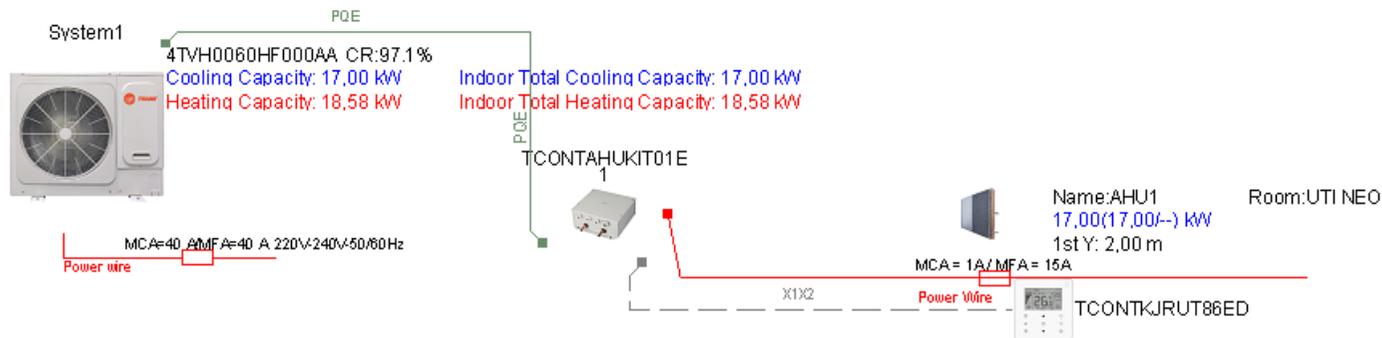
Model	Quantity	Unit	Description
4TVH0060HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
TCONTAHUKIT01E	1		AHU Kit(Standard wired controller TCONTKJRUT86ED)
R410A	0.48	kg	Extra Refrigerant Added
Φ9.52	8.5	m	Copper pipe
Φ19.1	6.5	m	Copper pipe

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software.Please confirm before installation according to the installation manual.

## Diagramas de fiação



- PQE(IDU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used) The drawing may differ from actual conditions due to limitations of the software.Please confirm before installation according to the installation manual.
- - - D1D2(Group control communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
- ABCD(E)(Infrared communication wire, 0.5mm<sup>2</sup> four-core shielded cable should be used)
- - - X1X2 (Power line communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
- D1D2+X1X2(Group control communication and power wire 0.75mm<sup>2</sup> two-core shielded cable +0.75mm<sup>2</sup> two-core shielded cable should be used)
- XYE (ODU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
- Power wire



# SISTEMA 10

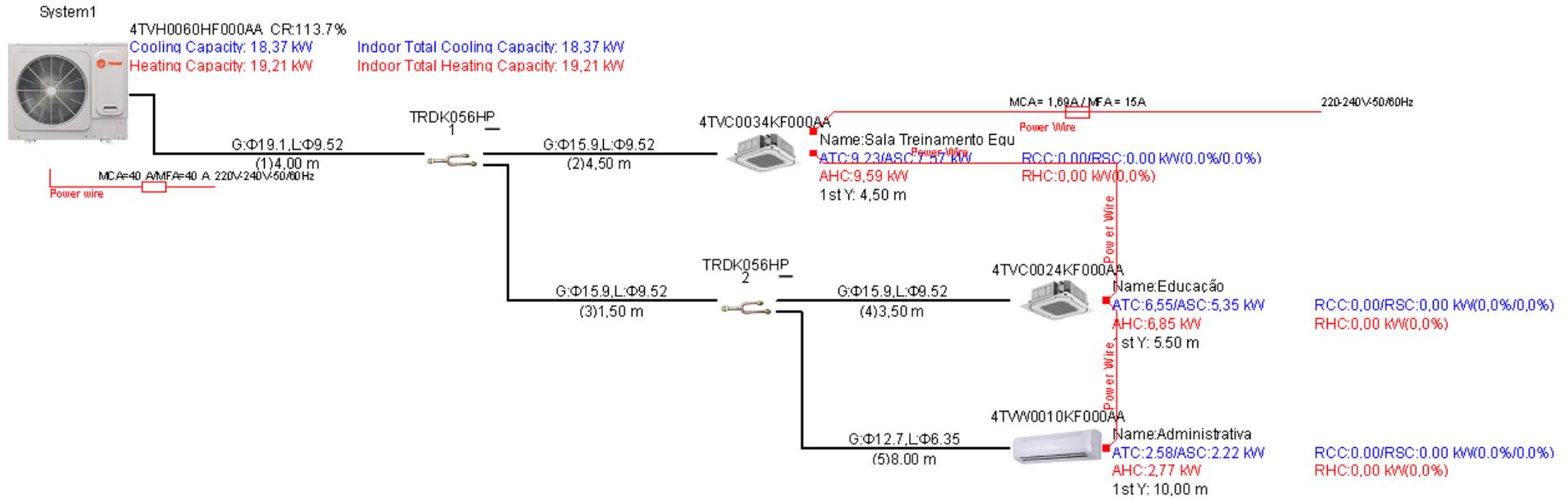
REFERÊNCIA:TVR Selection Software Report

## Equipment List

Model	Quantity	Description	
4TVH0060HF000AA	1	New Gen Mini TVR Plus 27-60 MBH	
4TVC0034KF000AA	1	Four-way Cassette	
4TVC0024KF000AA	1	Four-way Cassette	
4TVW0010KF000AA	1	Wall mounted	
TRDK056HP	2	Branch header	
Model	Quantity	Unit	Description
4TVH0060HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVC0034KF000AA	1		Four-way Cassette
4TVC0024KF000AA	1		Four-way Cassette
4TVW0010KF000AA	1		Wall mounted
TRDK056HP	2		Branch header
R410A	1	kg	Extra Refrigerant Added
Φ6.35	8	m	Copper pipe
Φ9.52	13.5	m	Copper pipe
Φ12.7	8	m	Copper pipe
Φ15.9	9.5	m	Copper pipe
Φ19.1	4	m	Copper pipe

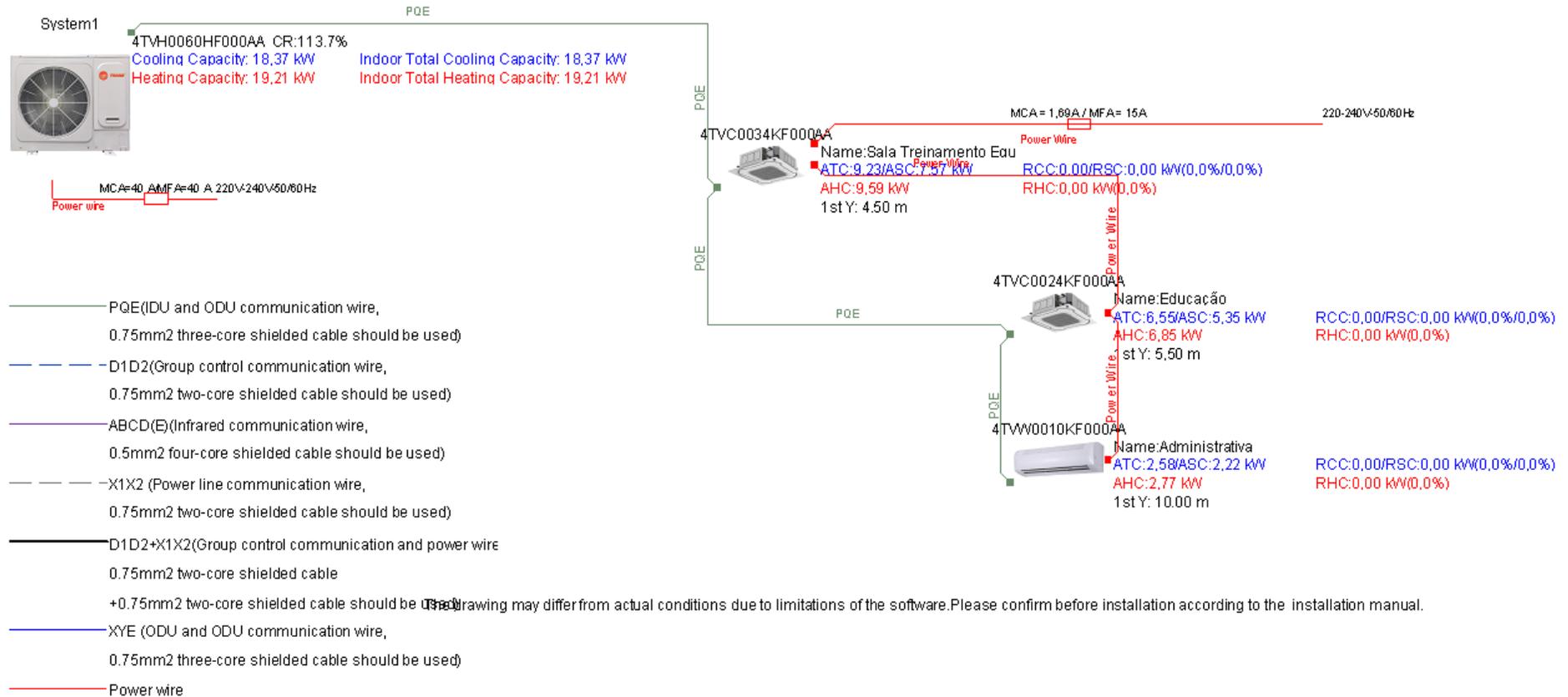
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
Sala Treinamento Equipes	4TVC0034KF000AA	21.5	840*246*840	220-240V-50/60Hz	0,91	15
Educação	4TVC0024KF000AA	19.5	840*204*840	220-240V-50/60Hz	0,42	15
Administrativa	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação



This drawing may differ from actual conditions due to limitations of the software.Please confirm before installation according to the installation manual.



# SISTEMA 11

## REFERÊNCIA: TVR Selection Software Report

### Equipment List

Model	Quantity	Description
4TVH0086EE000AA	1	TVR ULTRA 380V
4TVA0085EF000AA	1	High Static Pressure Duct

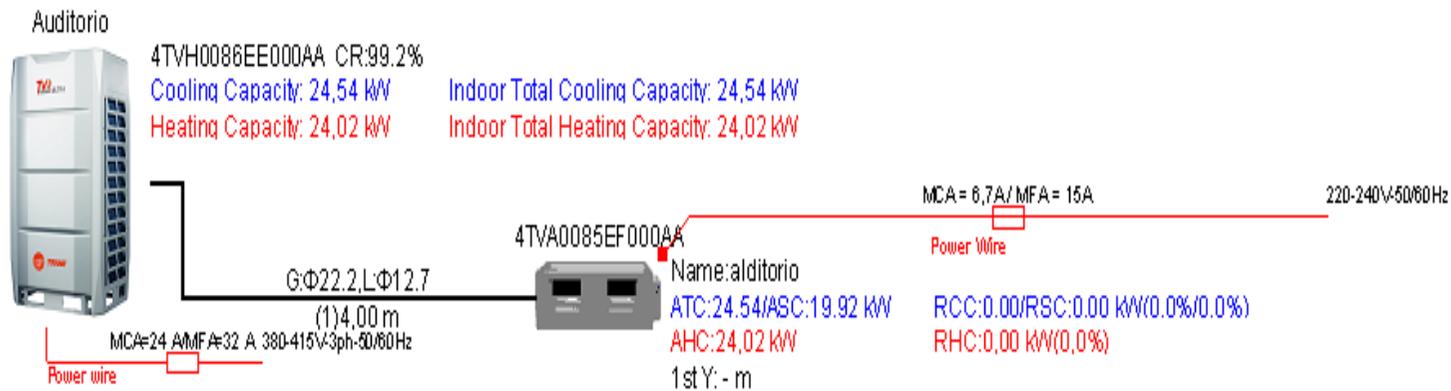
### Auditorio

#### List (Auditorio)

Model	Quantity	Unit	Description
4TVH0086EE000AA	1		TVR ULTRA 380V
4TVA0085EF000AA	1		High Static Pressure Duct
R410A	0.44	kg	Extra Refrigerant Added
Φ12.7	4	m	Copper pipe
Φ22.2	4	m	Copper pipe

IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
alditorio	4TVA0085EF000AA	130	1454*515*931	220-240V-50/60Hz	6,7	15

## (Auditório) Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

## (Auditório) Diagramas de fiação



- PQE(IDU and ODU communication wire, The drawing may differ from actual conditions due to limitations of the software.Please confirm before installation according to the installation manual.  
0.75mm2 three-core shielded cable should be used)
- D1D2(Group control communication wire,  
0.75mm2 two-core shielded cable should be used)
- ABCD(E)(Infrared communication wire,  
0.5mm2 four-core shielded cable should be used)
- X1X2 (Power line communication wire,  
0.75mm2 two-core shielded cable should be used)
- D1D2+X1X2(Group control communication and power wire  
0.75mm2 two-core shielded cable  
+0.75mm2 two-core shielded cable should be used)
- XYE (ODU and ODU communication wire,  
0.75mm2 three-core shielded cable should be used)
- Power wire



# SISTEMA 12

## REFERÊNCIA: TVR Selection Software Report

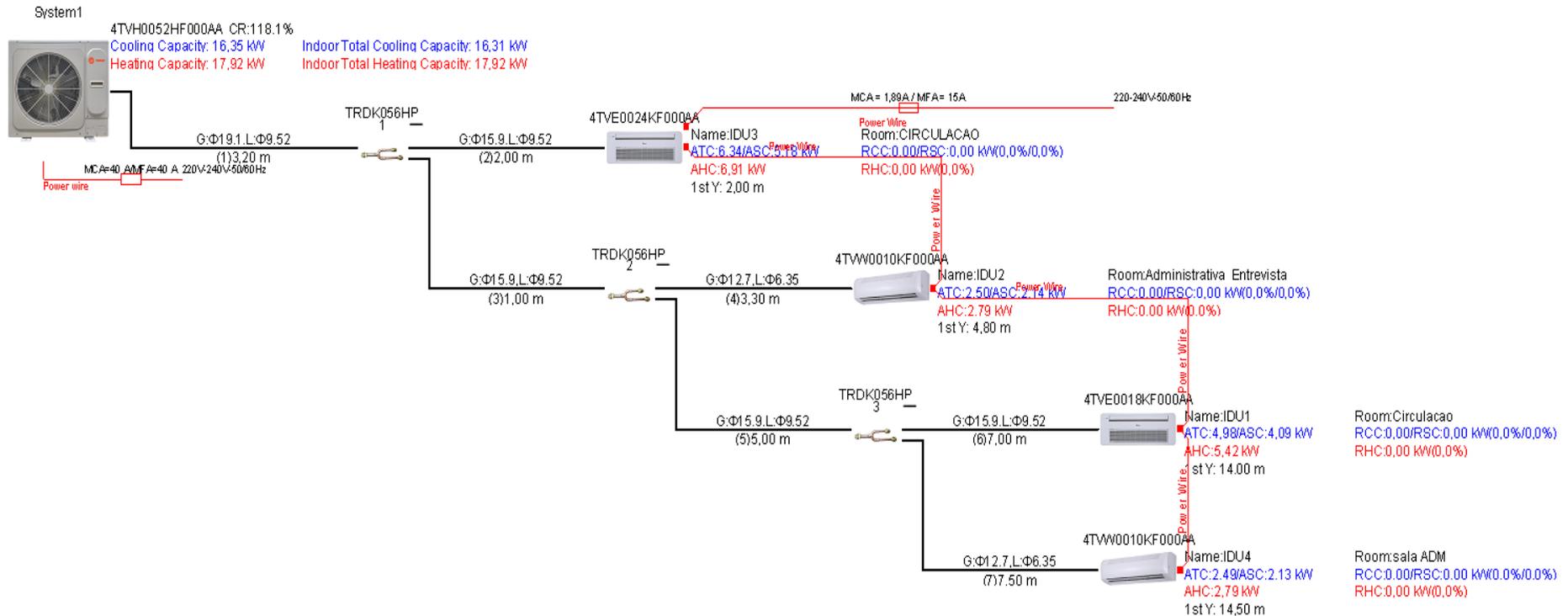
## Equipment List

Model	Quantity	Description
4TVH0052HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVE0024KF000AA	1	One-way Cassette
4TVE0018KF000AA	1	One-way Cassette
4TVW0010KF000AA	2	Wall mounted
TRDK056HP	3	Branch header

Model	Quantity	Unit	Description
4TVH0052HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVE0024KF000AA	1		One-way Cassette
4TVE0018KF000AA	1		One-way Cassette
4TVW0010KF000AA	2		Wall mounted
TRDK056HP	3		Branch header
R410A	1.36	kg	Extra Refrigerant Added
Φ6.35	10.8	m	Copper pipe
Φ9.52	18.2	m	Copper pipe
Φ12.7	10.8	m	Copper pipe
Φ15.9	15	m	Copper pipe
Φ19.1	3.2	m	Copper pipe

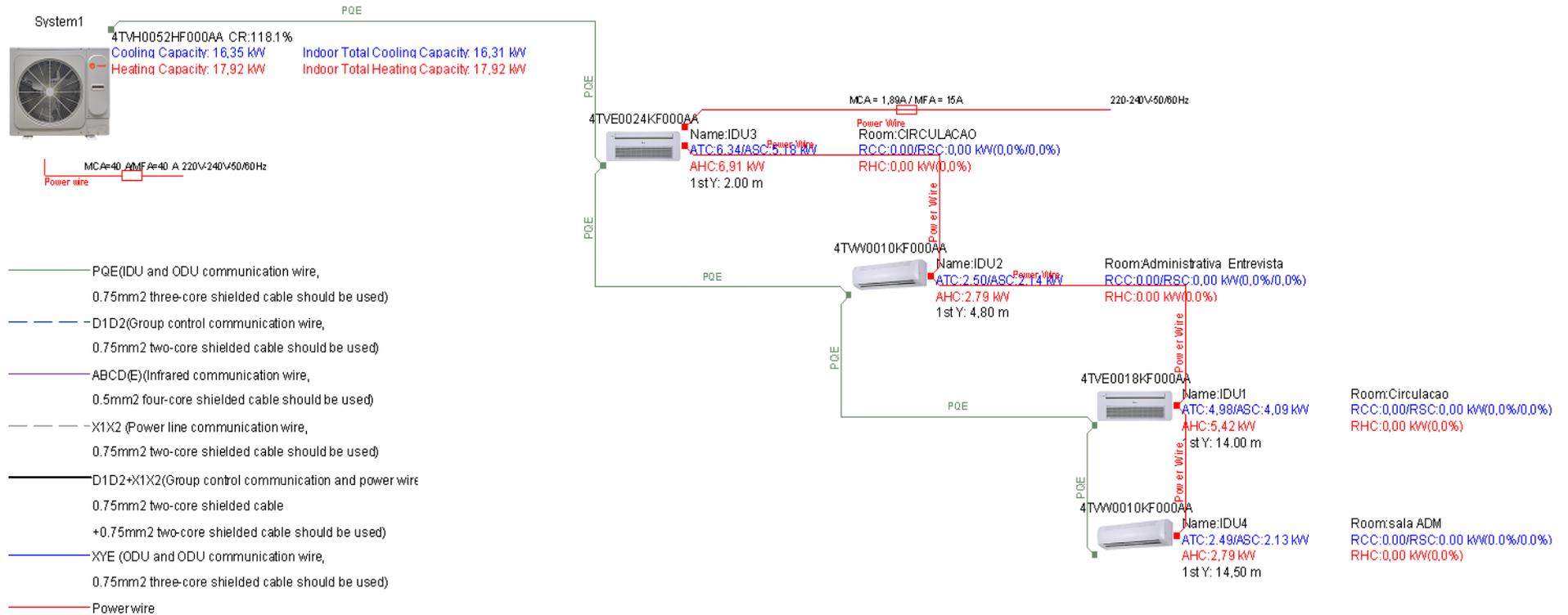
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
Administrativa Entrevista/IDU2	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15
CIRCULACAO /IDU3	4TVE0024KF000AA	16.9	1275*189*452	220-240V-50/60Hz	0,59	15
Circulacao/IDU1	4TVE0018KF000AA	15.8	1275*189*452	220-240V-50/60Hz	0,58	15
sala ADM/IDU4	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.



# SISTEMA 13

## REFERÊNCIA: TVR Selection Software Report

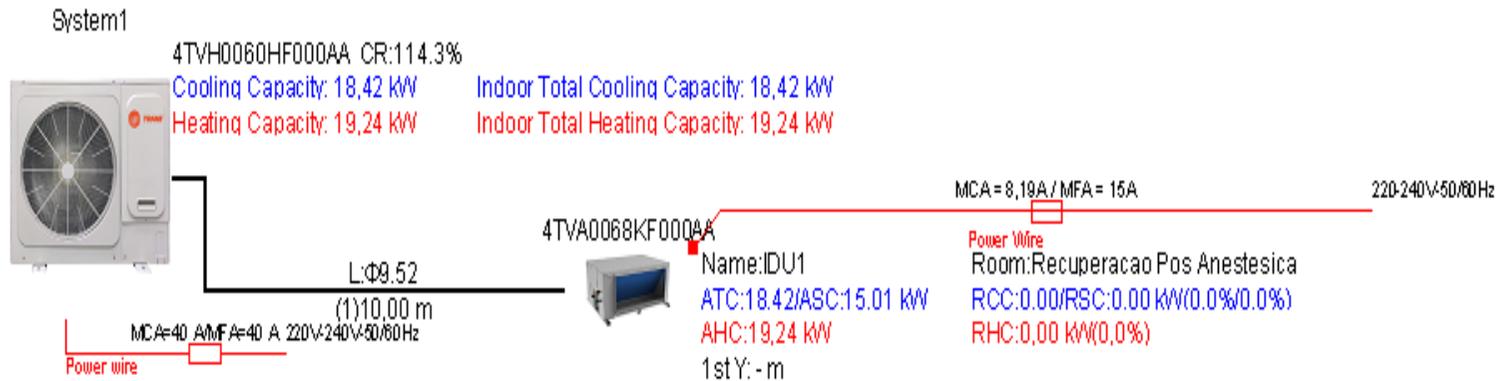
### Equipment List

Model	Quantity	Description
4TVH0060HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVA0068KF000AA	1	High Static Pressure Duct

Model	Quantity	Unit	Description
4TVH0060HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVA0068KF000AA	1		High Static Pressure Duct
R410A	0.57	kg	Extra Refrigerant Added
Φ9.52	10	m	Copper pipe

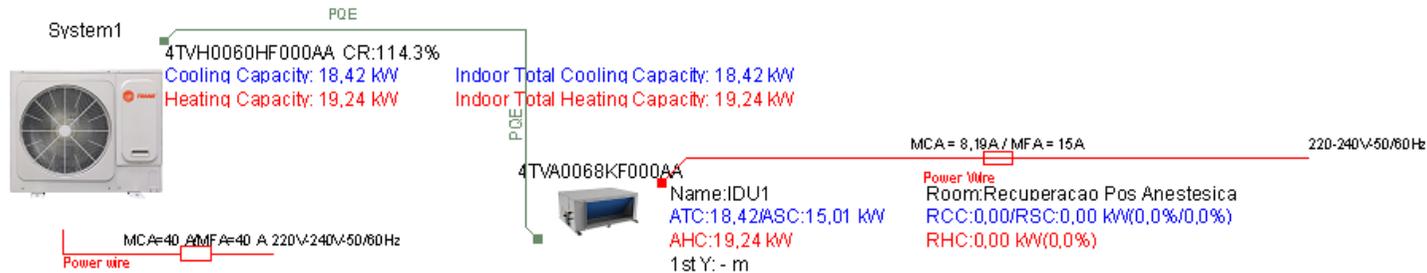
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
Recuperação Pos Anestésica/IDU1	4TVA0068KF000AA	125	1388*580*1050	220-240V-50/60Hz	8,19	30

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

## Diagramas de fiação



- PQE(IDU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used) The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.
- D1D2(Group control communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
- ABCD(E)(Infrared communication wire, 0.5mm<sup>2</sup> four-core shielded cable should be used)
- X1X2 (Power line communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
- D1D2+X1X2(Group control communication and power wire 0.75mm<sup>2</sup> two-core shielded cable +0.75mm<sup>2</sup> two-core shielded cable should be used)
- XYE (ODU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
- Power wire



# SISTEMA 14

REFERENCIA: TVR Selection Software Report

## Equipment List

Model	Quantity	Description
4TVH0060HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVA0068KF000AA	1	High Static Pressure Duct

Model	Quantity	Unit	Description
4TVH0060HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVA0068KF000AA	1		High Static Pressure Duct
R410A	0.57	kg	Extra Refrigerant Added
Φ9.52	10	m	Copper pipe

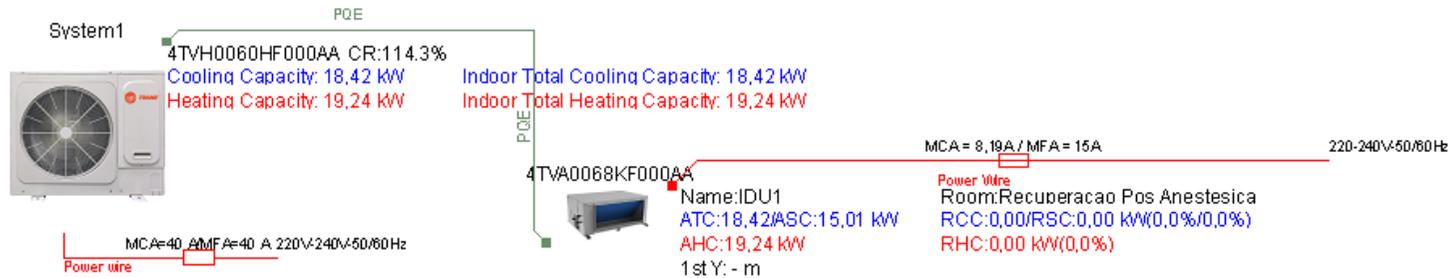
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
Recuperacao Pos Anestesia/IDU1	4TVA0068KF000AA	125	1388*580*1050	220-240V-50/60Hz	8,19	30

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

## Diagramas de fiação



- PQE(IDU and ODU communication wire, The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.  
0.75mm<sup>2</sup> three-core shielded cable should be used)
- D1D2(Group control communication wire,  
0.75mm<sup>2</sup> two-core shielded cable should be used)
- ABCD(E)(Infrared communication wire,  
0.5mm<sup>2</sup> four-core shielded cable should be used)
- X1X2 (Power line communication wire,  
0.75mm<sup>2</sup> two-core shielded cable should be used)
- D1D2+X1X2(Group control communication and power wire  
0.75mm<sup>2</sup> two-core shielded cable  
+0.75mm<sup>2</sup> two-core shielded cable should be used)
- XYE (ODU and ODU communication wire,  
0.75mm<sup>2</sup> three-core shielded cable should be used)
- Power wire





# SISTEMA 15

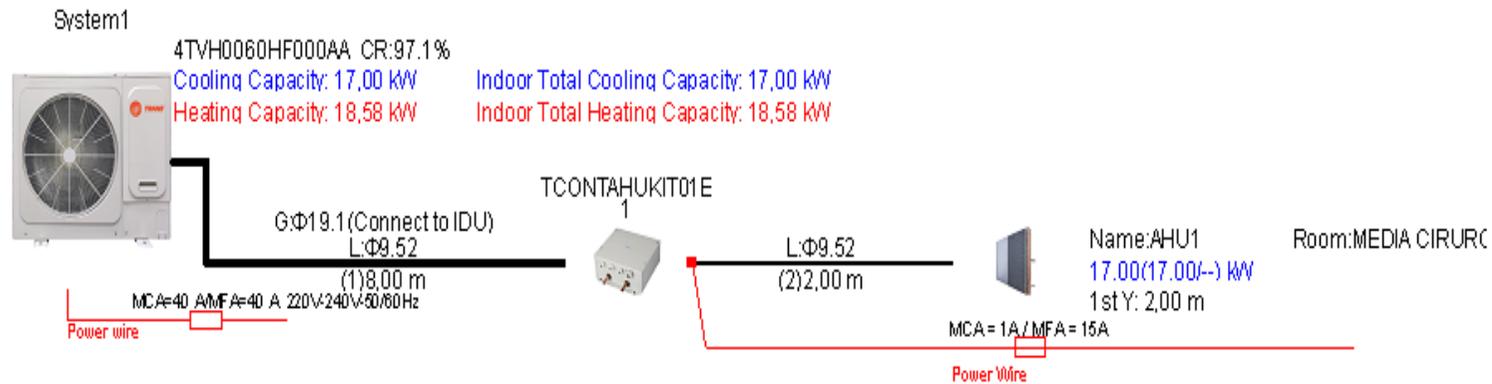
## TVR Selection Software Report

### Equipment List

Model	Quantity	Description
4TVH0060HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
TCONTAHUKIT01E	1	AHU Kit(Standard wired controller TCONTKJRUT86ED)

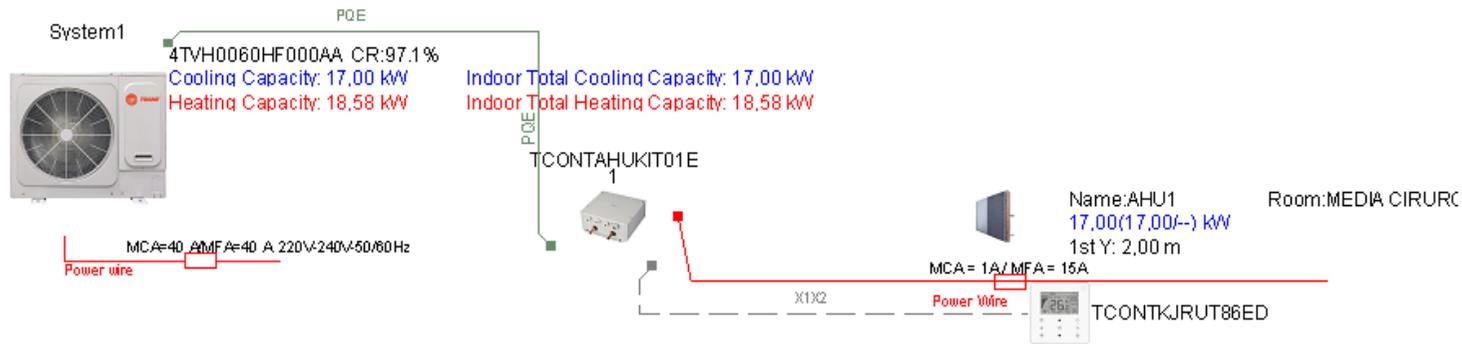
Model	Quantity	Unit	Description
4TVH0060HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
TCONTAHUKIT01E	1		AHU Kit(Standard wired controller TCONTKJRUT86ED)
R410A	0.57	kg	Extra Refrigerant Added
Φ9.52	10	m	Copper pipe
Φ19.1	8	m	Copper pipe

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

## Diagramas de fiação



- PQE(IDU and ODU communication wire, The drawing may differ from actual conditions due to limitations of the software.Please confirm before installation according to the installation manual.  
0.75mm<sup>2</sup> three-core shielded cable should be used)
- — — — D1D2(Group control communication wire,  
0.75mm<sup>2</sup> two-core shielded cable should be used)
- — — — ABCD(E)(Infrared communication wire,  
0.5mm<sup>2</sup> four-core shielded cable should be used)
- — — — X1X2 (Power line communication wire,  
0.75mm<sup>2</sup> two-core shielded cable should be used)
- D1D2+X1X2(Group control communication and power wire  
0.75mm<sup>2</sup> two-core shielded cable  
+0.75mm<sup>2</sup> two-core shielded cable should be used)
- — — — XYE (ODU and ODU communication wire,  
0.75mm<sup>2</sup> three-core shielded cable should be used)
- Power wire



# SISTEMA 16

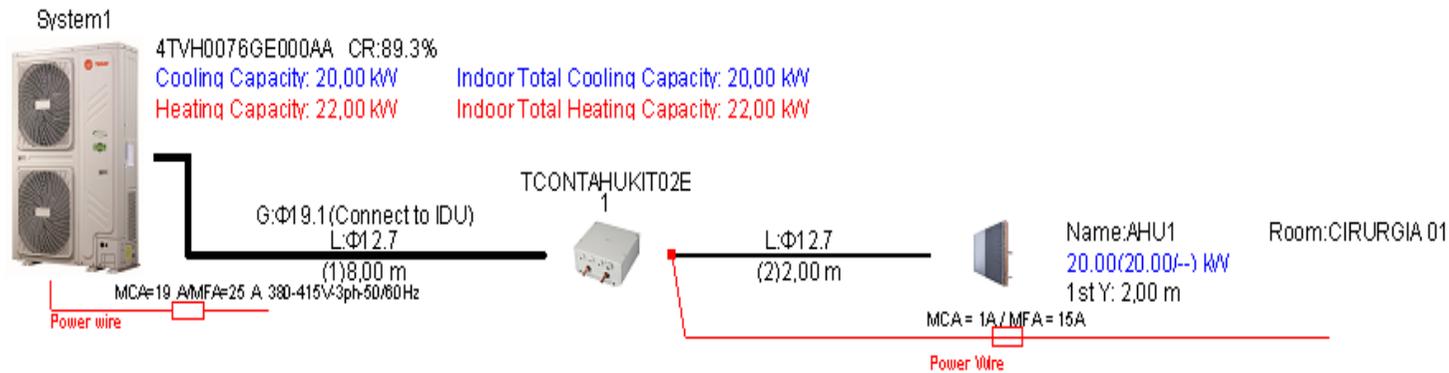
## REFERÊNCIA: TVR Selection Software Report

### Equipment List

<b>Model</b>	<b>Quantity</b>	<b>Description</b>
4TVH0076GE000AA	1	Mini TVR Plus 76-115MBH (Ultra Platform)
TCONTAHUKIT02E	1	AHU Kit(Standard wired controller TCONTKJRUT86ED)

<b>Model</b>	<b>Quantity</b>	<b>Unit</b>	<b>Description</b>
4TVH0076GE000AA	1		Mini TVR Plus 76-115MBH (Ultra Platform)
TCONTAHUKIT02E	1		AHU Kit(Standard wired controller TCONTKJRUT86ED)
R410A	1.1	kg	Extra Refrigerant Added
Φ12.7	10	m	Copper pipe
Φ19.1	8	m	Copper pipe

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

## Diagramas de fiação



- PQE (IDU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
  - D1D2 (Group control communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
  - ABCD(E) (Infrared communication wire, 0.5mm<sup>2</sup> four-core shielded cable should be used)
  - X1X2 (Power line communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
  - D1D2+X1X2 (Group control communication and power wire, 0.75mm<sup>2</sup> two-core shielded cable + 0.75mm<sup>2</sup> two-core shielded cable should be used)
  - XYE (ODU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
  - Power wire
- The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.



# SISTEMA 17

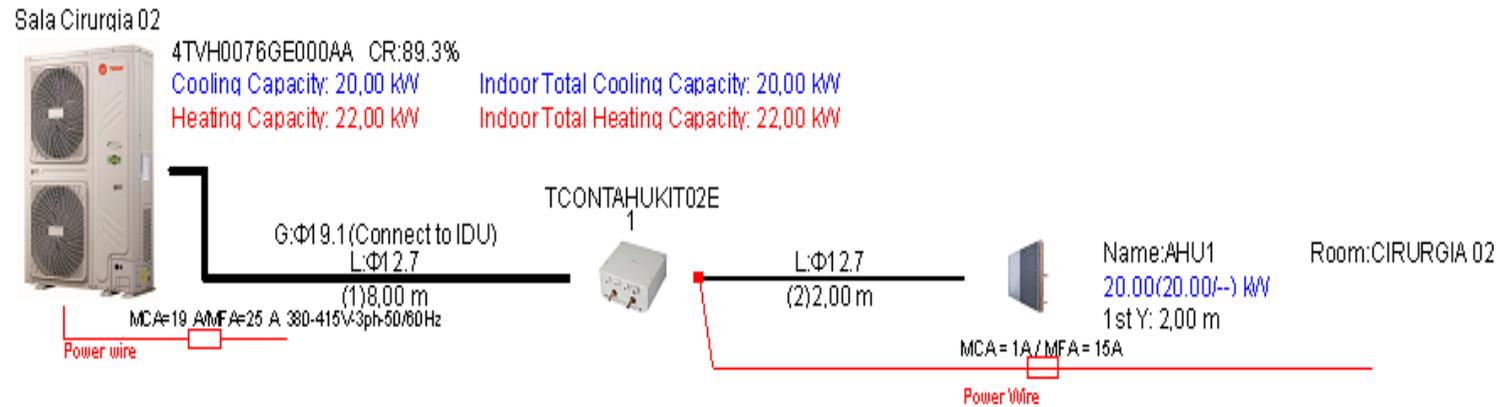
## REFERÊNCIA: TVR Selection Software Report

### Equipment List

<b>Model</b>	<b>Quantity</b>	<b>Description</b>
4TVH0076GE000AA	1	Mini TVR Plus 76-115MBH (Ultra Platform)
TCONTAHUKIT02E	1	AHU Kit(Standard wired controller TCONTKJRUT86ED)

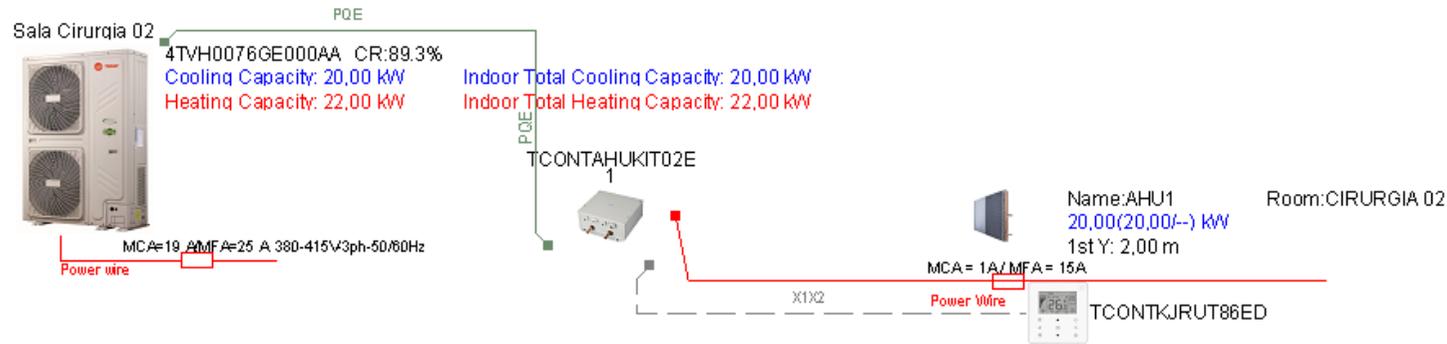
<b>Model</b>	<b>Quantity</b>	<b>Unit</b>	<b>Description</b>
4TVH0076GE000AA	1		Mini TVR Plus 76-115MBH (Ultra Platform)
TCONTAHUKIT02E	1		AHU Kit(Standard wired controller TCONTKJRUT86ED)
R410A	1.1	kg	Extra Refrigerant Added
Φ12.7	10	m	Copper pipe
Φ19.1	8	m	Copper pipe

## (Sala Cirurgia 02) Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

## (Sala Cirurgia 02) Diagramas de fiação



- PQE (IDU and ODU communication wire, The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.  
 0.75mm<sup>2</sup> three-core shielded cable should be used)
- — — — D1D2 (Group control communication wire,  
 0.75mm<sup>2</sup> two-core shielded cable should be used)
- — — — ABCD(E) (Infrared communication wire,  
 0.5mm<sup>2</sup> four-core shielded cable should be used)
- — — — X1X2 (Power line communication wire,  
 0.75mm<sup>2</sup> two-core shielded cable should be used)
- D1D2+X1X2 (Group control communication and power wire  
 0.75mm<sup>2</sup> two-core shielded cable  
 +0.75mm<sup>2</sup> two-core shielded cable should be used)
- XYE (ODU and ODU communication wire,  
 0.75mm<sup>2</sup> three-core shielded cable should be used)
- Power wire



# SISTEMA 18

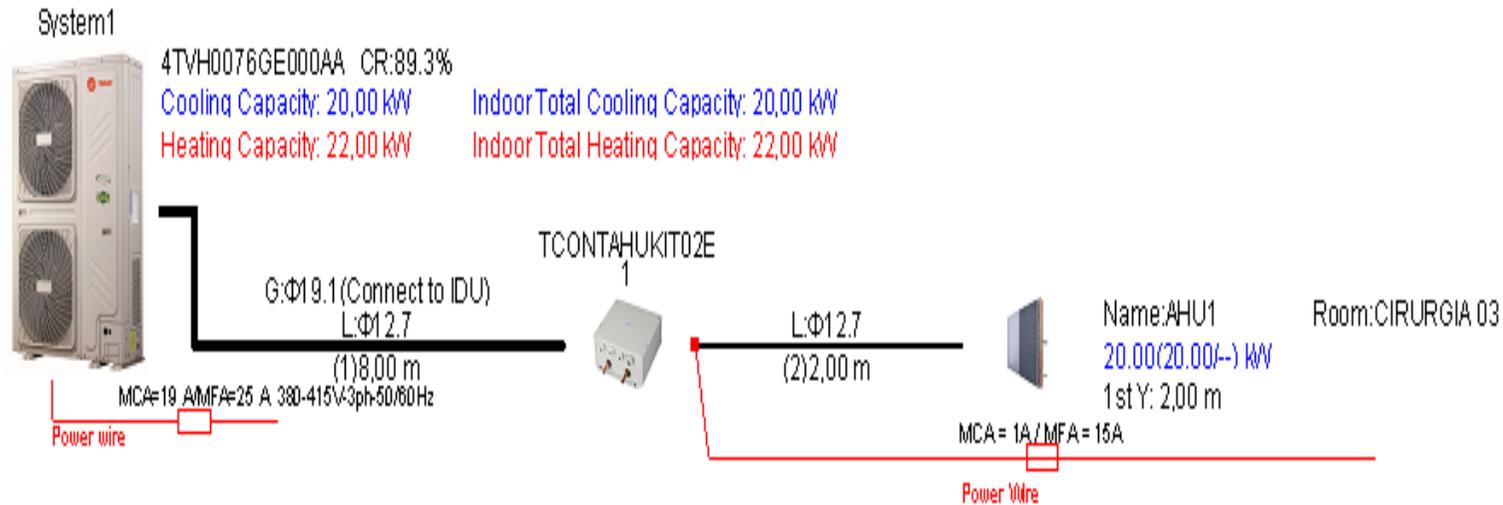
## REFERÊNCIA: TVR Selection Software Report

### Equipment List

<b>Model</b>	<b>Quantity</b>	<b>Description</b>
4TVH0076GE000AA	1	Mini TVR Plus 76-115MBH (Ultra Platform)
TCONTAHUKIT02E	1	AHU Kit(Standard wired controller TCONTKJRUT86ED)

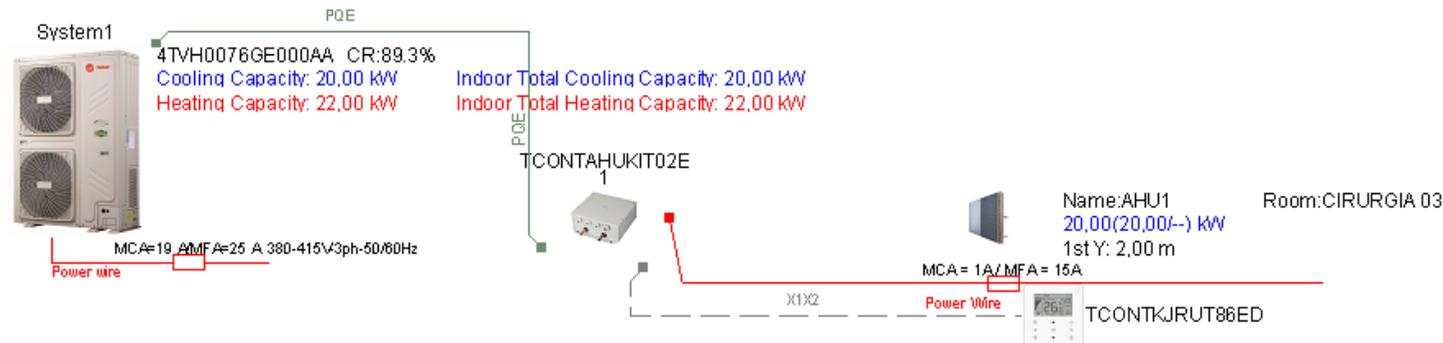
<b>Model</b>	<b>Quantity</b>	<b>Unit</b>	<b>Description</b>
4TVH0076GE000AA	1		Mini TVR Plus 76-115MBH (Ultra Platform)
TCONTAHUKIT02E	1		AHU Kit(Standard wired controller TCONTKJRUT86ED)
R410A	1.1	kg	Extra Refrigerant Added
Φ12.7	10	m	Copper pipe
Φ19.1	8	m	Copper pipe

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

## Diagramas de fiação



- PQE(IDU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
- — — — D1D2(Group control communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
- — — — ABCD(E)(Infrared communication wire, 0.5mm<sup>2</sup> four-core shielded cable should be used)
- — — — X1X2 (Power line communication wire, 0.75mm<sup>2</sup> two-core shielded cable should be used)
- D1D2+X1X2(Group control communication and power wire 0.75mm<sup>2</sup> two-core shielded cable +0.75mm<sup>2</sup> two-core shielded cable should be used)
- XYE (ODU and ODU communication wire, 0.75mm<sup>2</sup> three-core shielded cable should be used)
- Power wire
- The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.



## SISTEMA 19

REFERÊNCIA: TVR Selection Software Report

### Equipment List

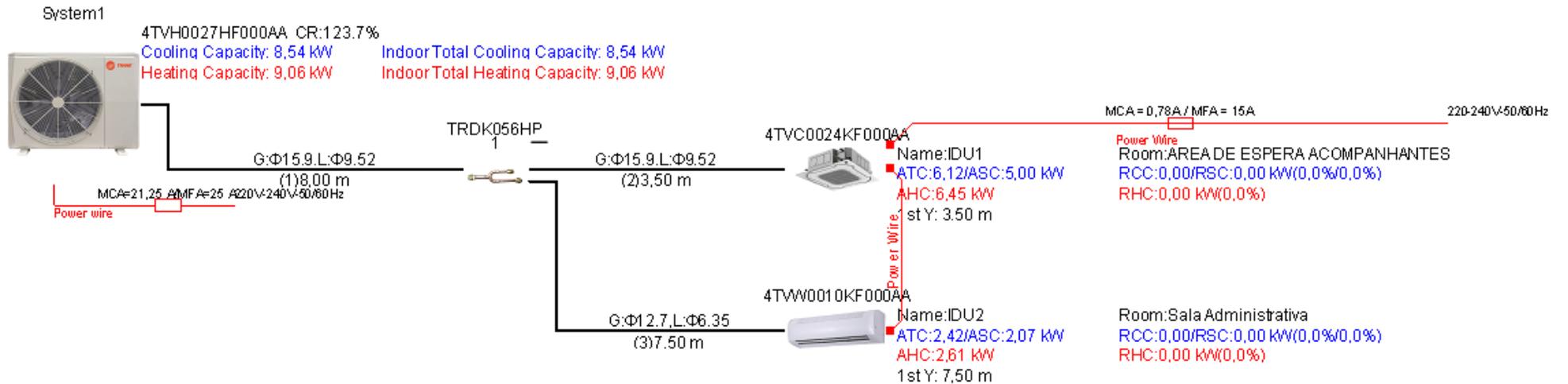
Model	Quantity	Description
4TVH0027HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVC0024KF000AA	1	Four-way Cassette
4TVW0010KF000AA	1	Wall mounted
TRDK056HP	1	Branch header

Model	Quantity	Unit	Description
4TVH0027HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVC0024KF000AA	1		Four-way Cassette
4TVW0010KF000AA	1		Wall mounted
TRDK056HP	1		Branch header
R410A	0.85	kg	Extra Refrigerant Added
Φ6.35	7.5	m	Copper pipe
Φ9.52	11.5	m	Copper pipe
Φ12.7	7.5	m	Copper pipe
Φ15.9	11.5	m	Copper pipe

4

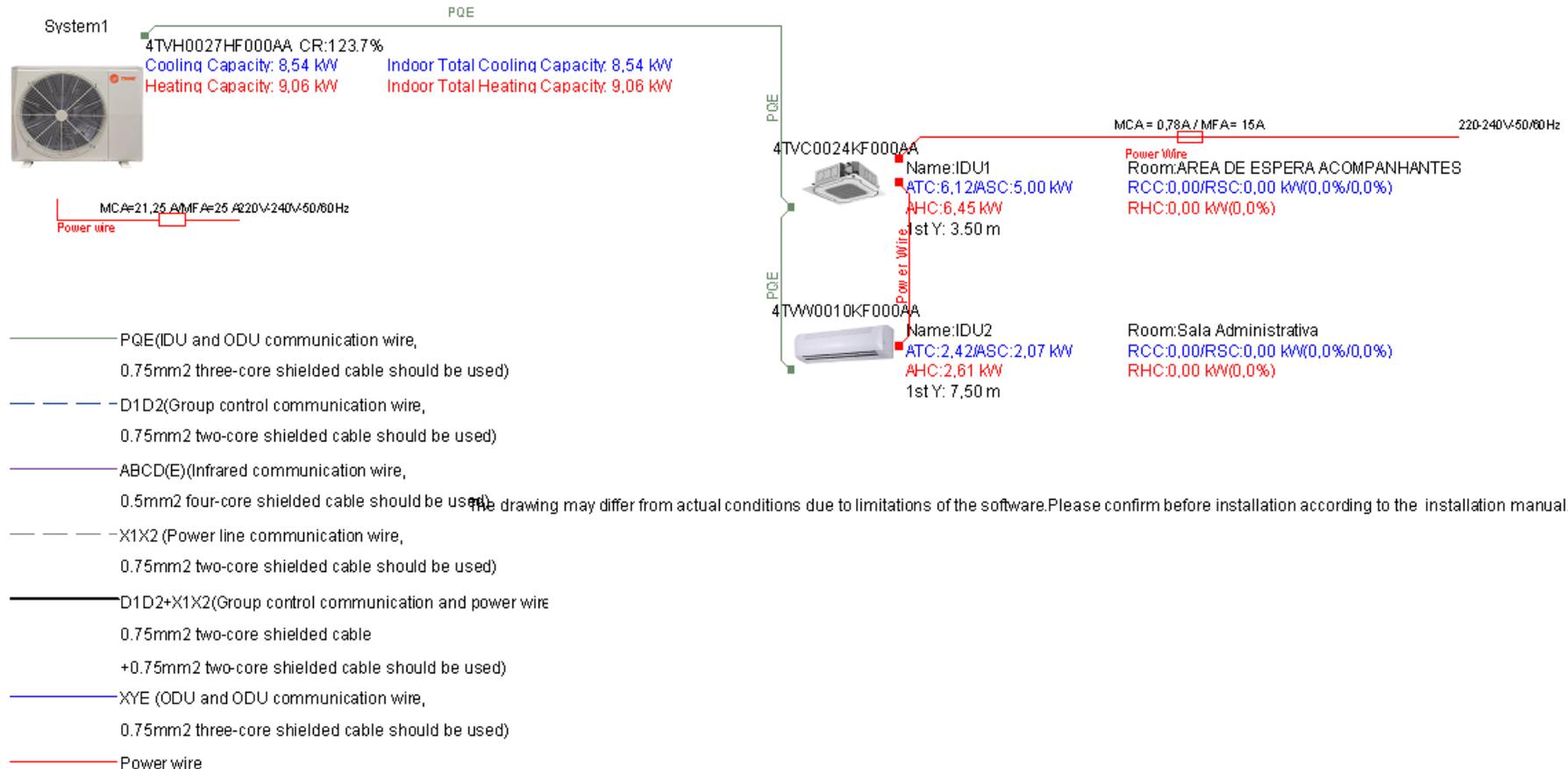
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
AREA DE ESPERA ACOMPANHANTES /IDU1	4TVC0024KF000AA	19.5	840*204*840	220-240V-50/60Hz	0,42	15
Sala Administrativa/IDU2	4TVW0010KF000AA	10	750*295*265	220-240V-50/60Hz	0,36	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.



# SISTEMA 20

## REFERÊNCIA: TVR Selection Software Report

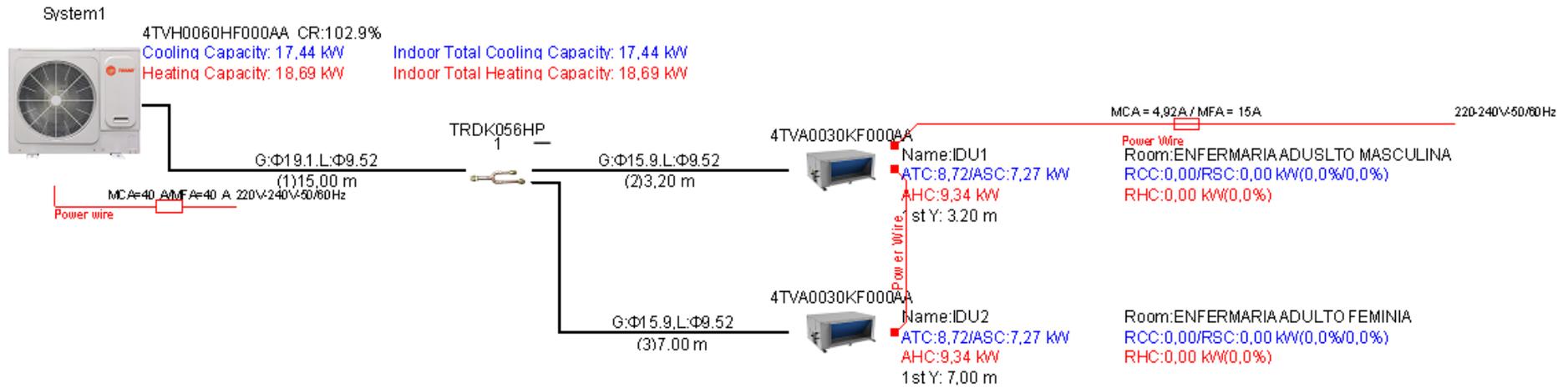
### Equipment List

Model	Quantity	Description
4TVH0060HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVA0030KF000AA	2	High Static Pressure Duct
TRDK056HP	1	Branch header

Model	Quantity	Unit	Description
4TVH0060HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVA0030KF000AA	2		High Static Pressure Duct
TRDK056HP	1		Branch header
R410A	1.46	kg	Extra Refrigerant Added
Φ9.52	25.2	m	Copper pipe
Φ15.9	10.2	m	Copper pipe
Φ19.1	15	m	Copper pipe

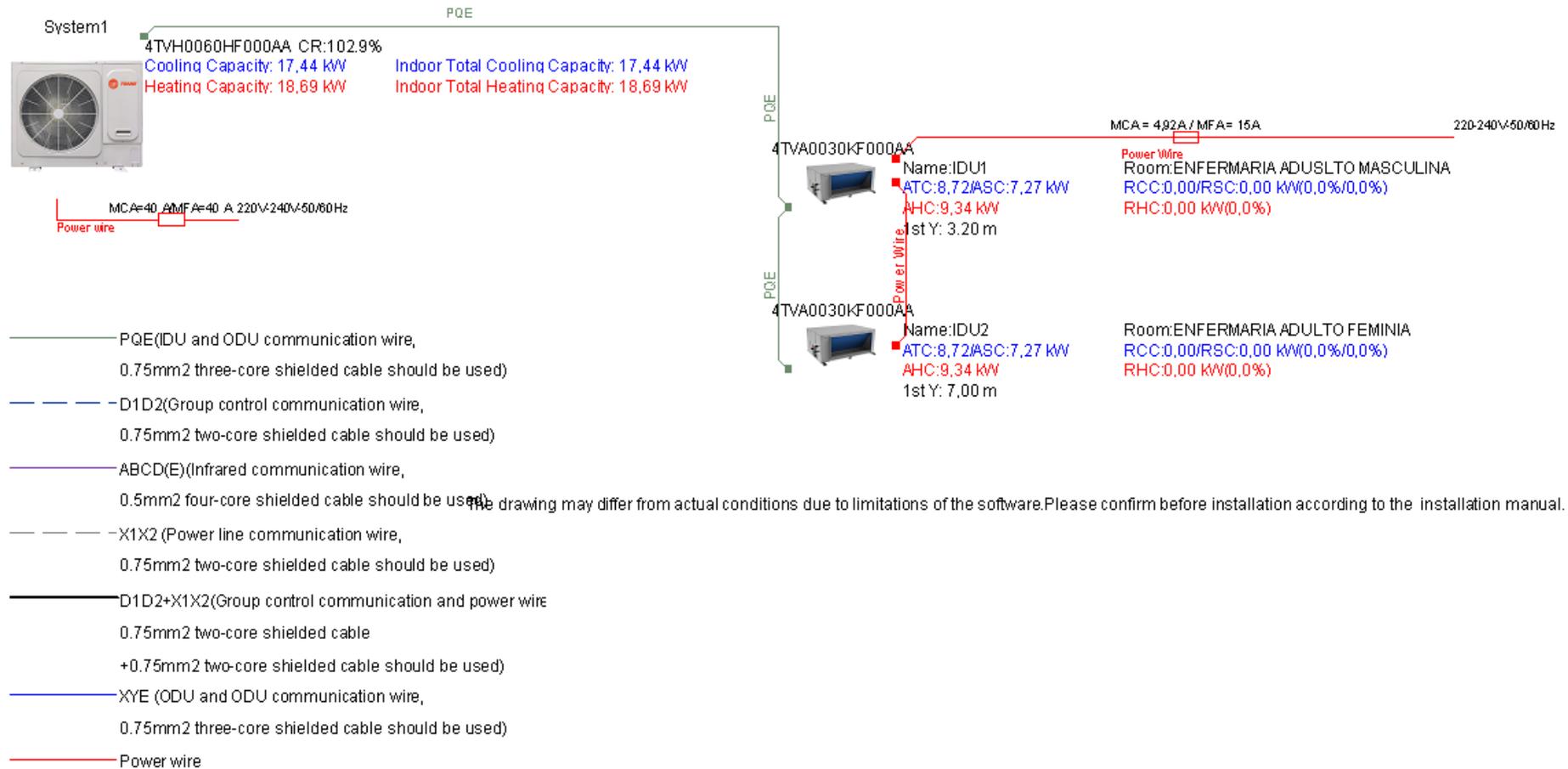
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
ENFERMARIA ADUSLTO MASCULINA /IDU1	4TVA0030KF000AA	35	1161*299*770	220-240V-50/60Hz	2,46	15
ENFERMARIA ADULTO FEMINIA /IDU2	4TVA0030KF000AA	35	1161*299*770	220-240V-50/60Hz	2,46	15

## Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação







# SISTEMA 21

## REFERÊNCIA: TVR Selection Software Report

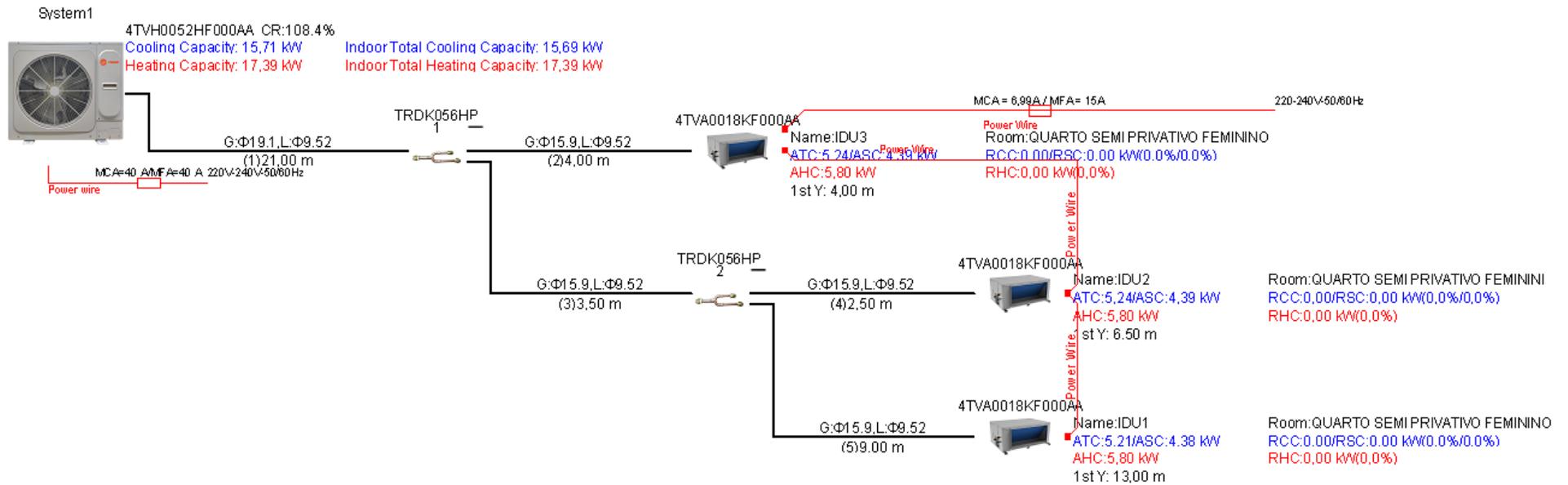
### Equipment List

Model	Quantity	Description
4TVH0052HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVA0018KF000AA	3	High Static Pressure Duct
TRDK056HP	2	Branch header

Model	Quantity	Unit	Description
4TVH0052HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVA0018KF000AA	3		High Static Pressure Duct
TRDK056HP	2		Branch header
R410A	2.34	kg	Extra Refrigerant Added
Φ9.52	40	m	Copper pipe
Φ15.9	19	m	Copper pipe
Φ19.1	21	m	Copper pipe

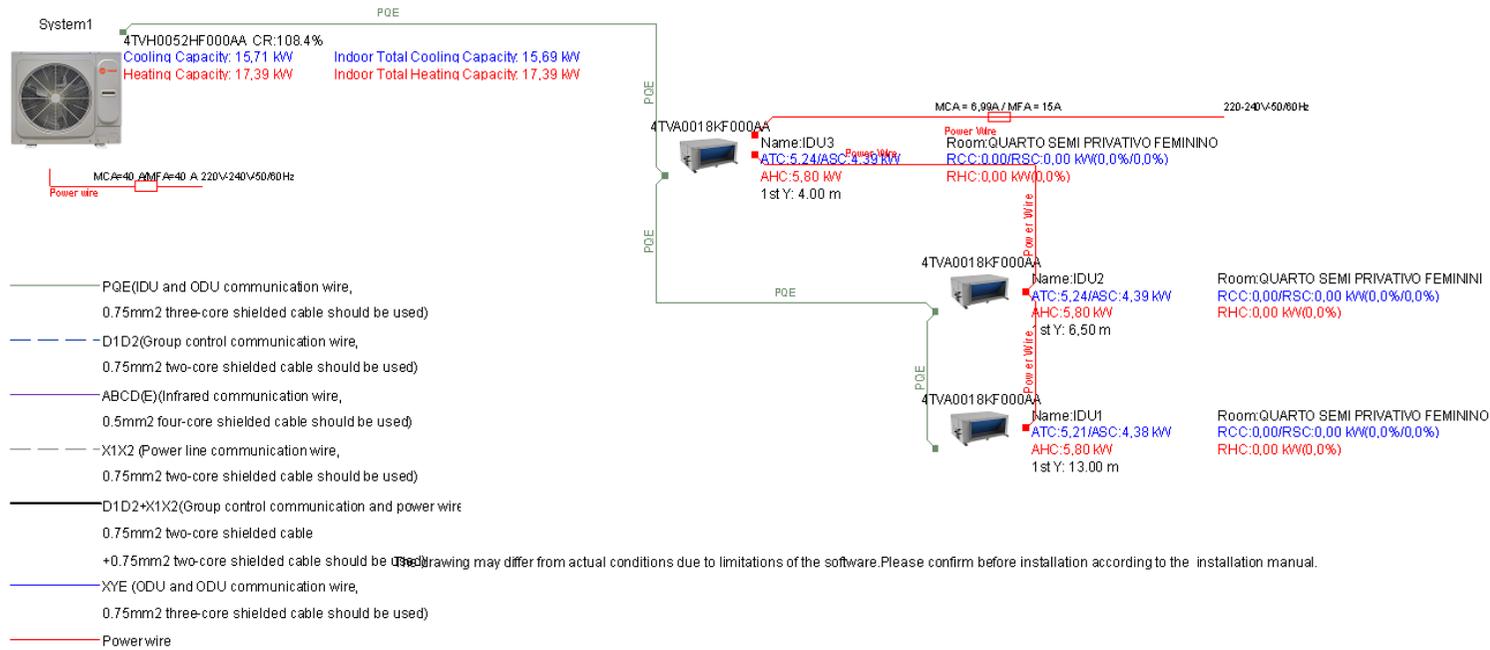
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
QUARTO SEMI PRIVATIVO FEMININO/IDU1	4TVA0018KF000AA	35	1161*299*770	220-240V-50/60Hz	2,33	15
QUARTO SEMI PRIVATIVO FEMININI/IDU2	4TVA0018KF000AA	35	1161*299*770	220-240V-50/60Hz	2,33	15
QUARTO SEMI PRIVATIVO FEMININO/IDU3	4TVA0018KF000AA	35	1161*299*770	220-240V-50/60Hz	2,33	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação





# SISTEMA 22

## REFERÊNCIA: TVR Selection Software Report

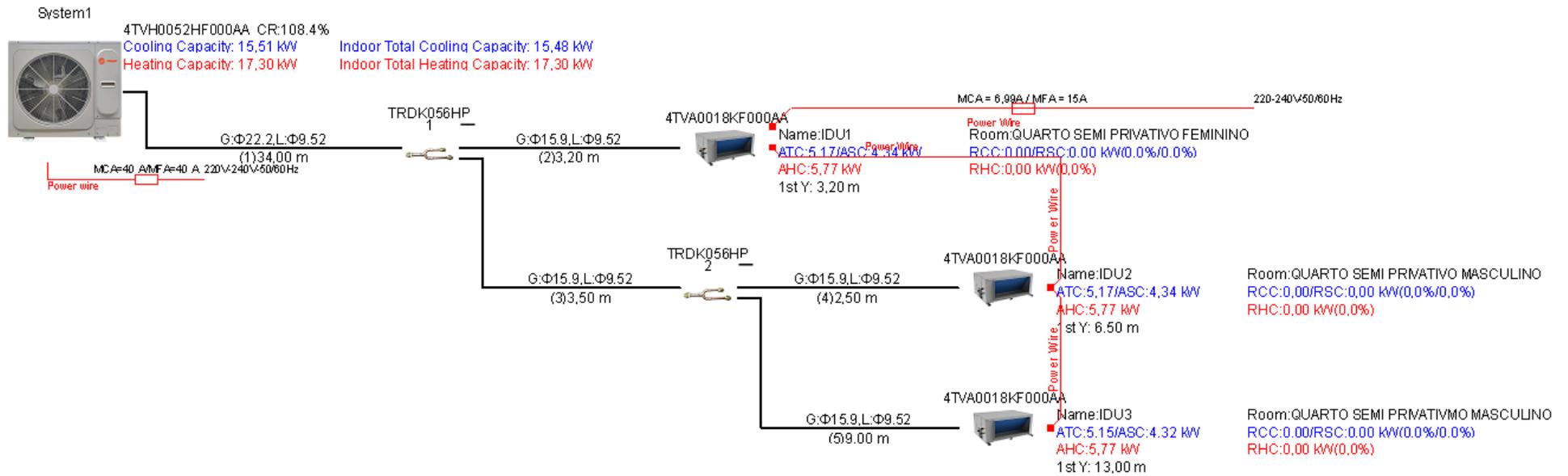
### Equipment List

Model	Quantity	Description
4TVH0052HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVA0018KF000AA	3	High Static Pressure Duct
TRDK056HP	2	Branch header

Model	Quantity	Unit	Description
4TVH0052HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVA0018KF000AA	3		High Static Pressure Duct
TRDK056HP	2		Branch header
R410A	3.03	kg	Extra Refrigerant Added
Φ9.52	52.2	m	Copper pipe
Φ15.9	18.2	m	Copper pipe
Φ22.2	34	m	Copper pipe

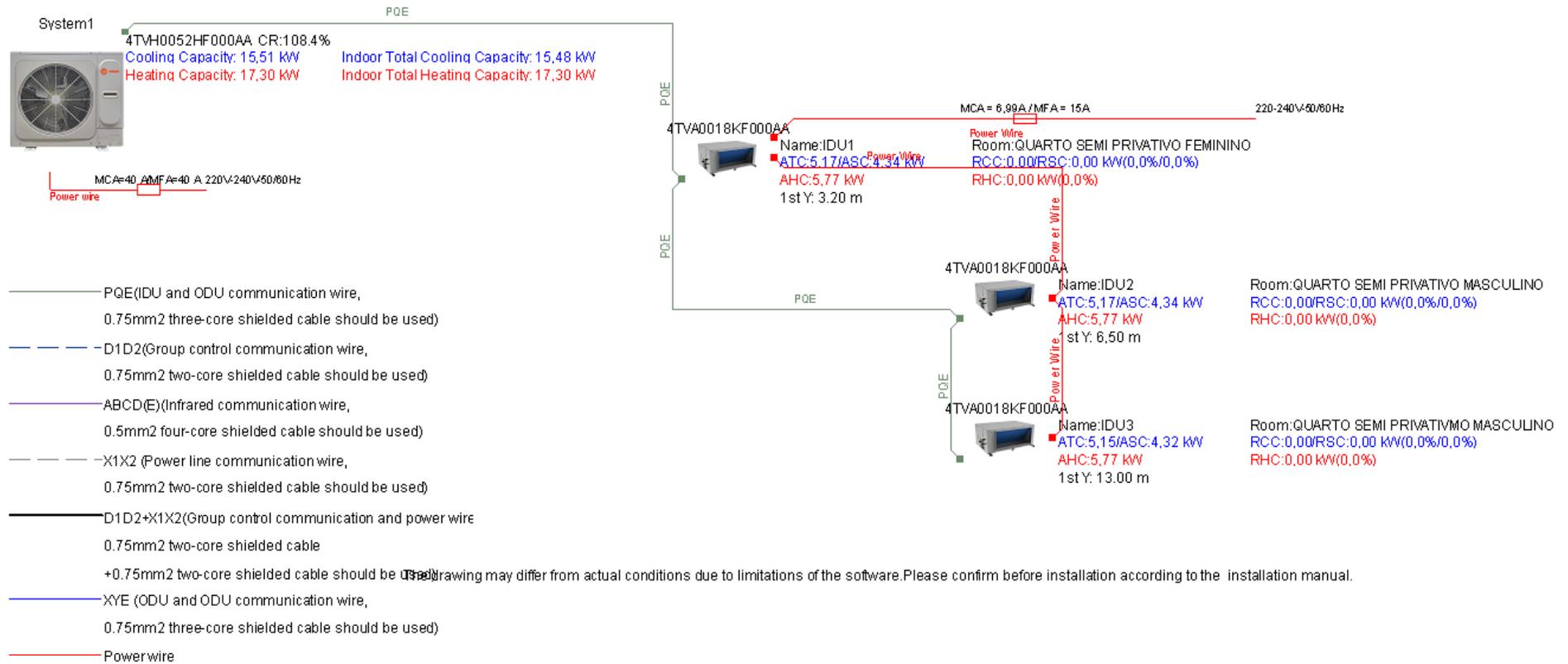
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
QUARTO SEMI PRIVATIVO FEMININO/IDU1	4TVA0018KF000AA	35	1161*299*770	220-240V-50/60Hz	2,33	15
QUARTO SEMI PRIVATIVO MASCULINO/IDU2	4TVA0018KF000AA	35	1161*299*770	220-240V-50/60Hz	2,33	15
QUARTO SEMI PRIVATIVMO MASCULINO/IDU3	4TVA0018KF000AA	35	1161*299*770	220-240V-50/60Hz	2,33	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação





# SISTEMA 23

## REFERÊNCIA: TVR Selection Software Report

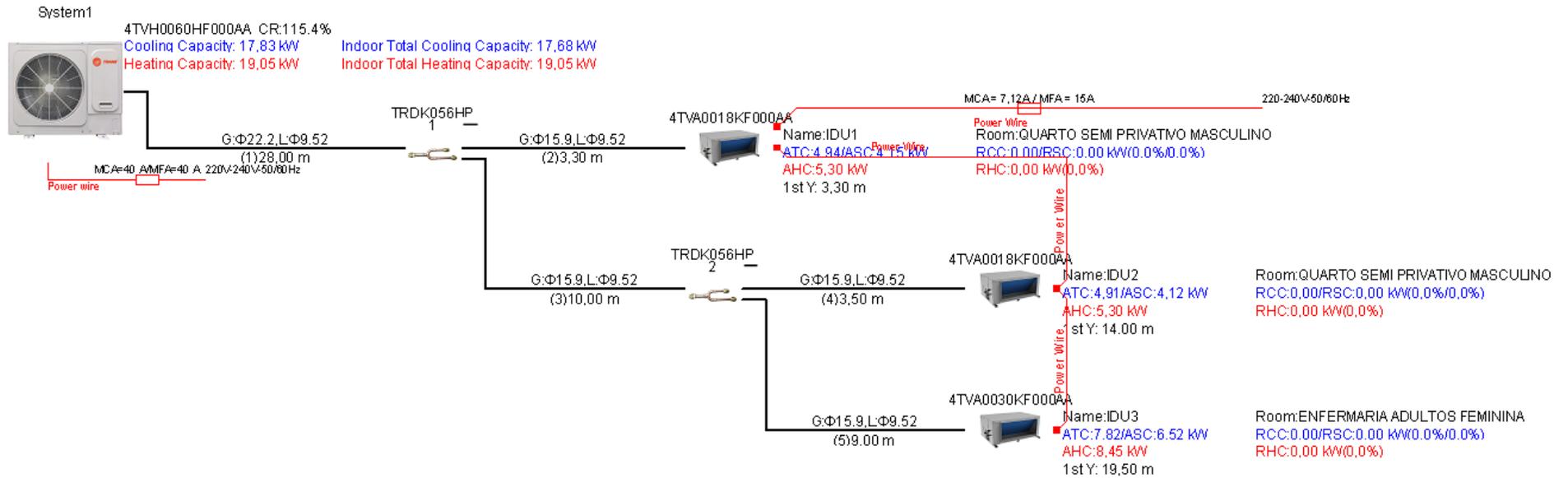
### Equipment List

Model	Quantity	Description
4TVH0060HF000AA	1	New Gen Mini TVR Plus 27-60 MBH
4TVA0030KF000AA	1	High Static Pressure Duct
4TVA0018KF000AA	2	High Static Pressure Duct
TRDK056HP	2	Branch header

Model	Quantity	Unit	Description
4TVH0060HF000AA	1		New Gen Mini TVR Plus 27-60 MBH
4TVA0030KF000AA	1		High Static Pressure Duct
4TVA0018KF000AA	2		High Static Pressure Duct
TRDK056HP	2		Branch header
R410A	3.12	kg	Extra Refrigerant Added
Φ9.52	53.8	m	Copper pipe
Φ15.9	25.8	m	Copper pipe
Φ22.2	28	m	Copper pipe

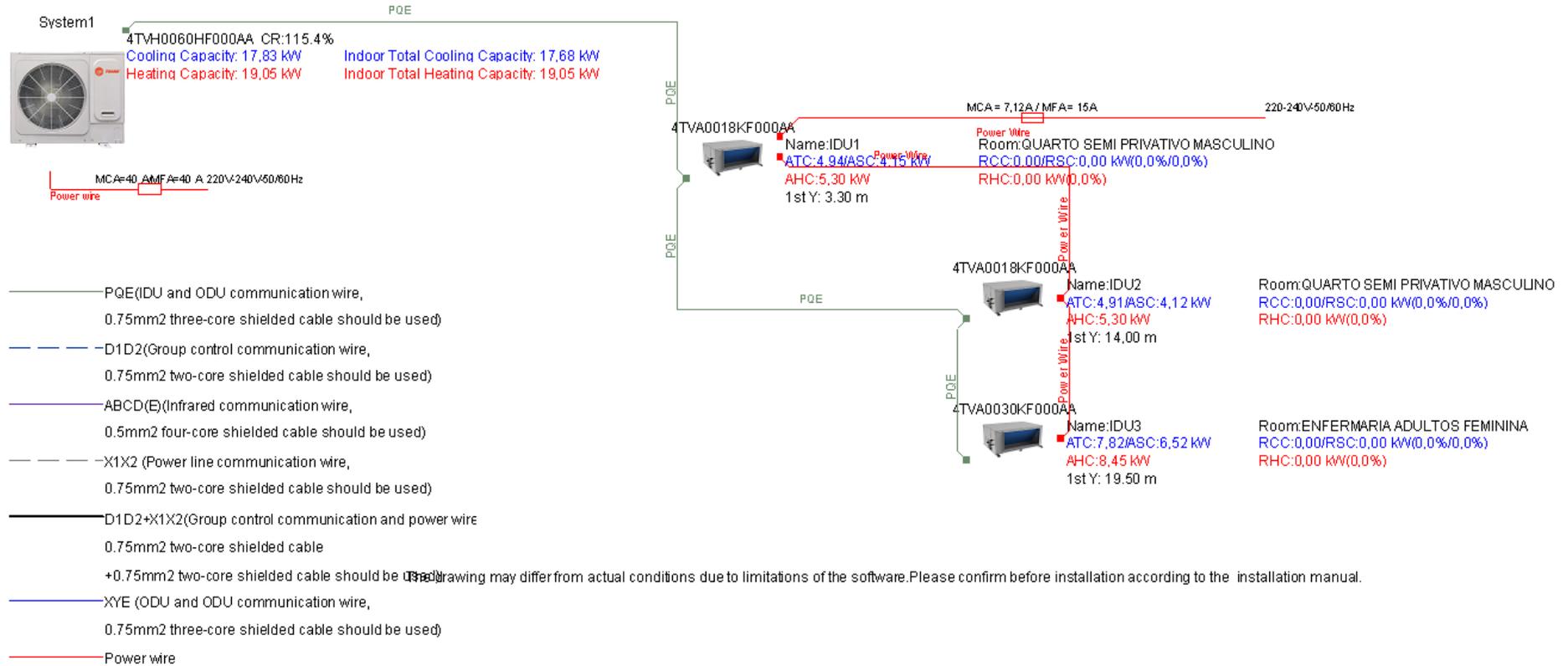
IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
QUARTO SEMI PRIVATIVO MASCULINO /IDU1	4TVA0018KF000AA	35	1161*299*770	220-240V-50/60Hz	2,33	15
QUARTO SEMI PRIVATIVO MASCULINO/IDU2	4TVA0018KF000AA	35	1161*299*770	220-240V-50/60Hz	2,33	15
ENFERMARIA ADULTOS FEMININA/IDU3	4TVA0030KF000AA	35	1161*299*770	220-240V-50/60Hz	2,46	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação





# SISTEMA 24

REFERÊNCIA: TVR Selection Software Report

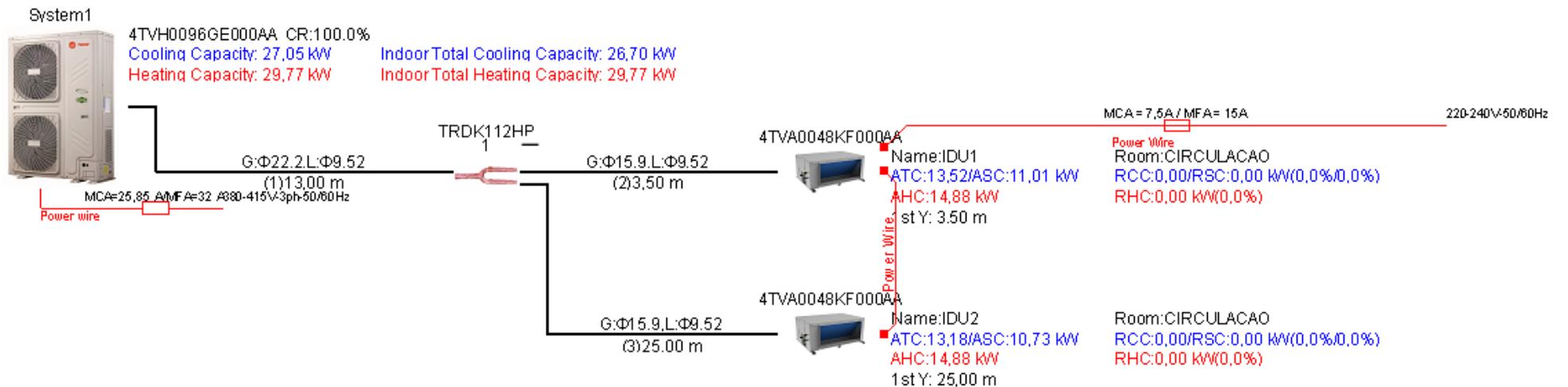
## Equipment List

Model	Quantity	Description
4TVH0096GE000AA	1	TVR ULTRA 380V
4TVA0048KF000AA	2	High Static Pressure Duct
TRDK112HP	1	Branch joint

Model	Quantity	Unit	Description
4TVH0096GE000AA	1		TVR ULTRA 380V
4TVA0048KF000AA	2		High Static Pressure Duct
TRDK112HP	1		Branch joint
R410A	2.39	kg	Extra Refrigerant Added
Φ9.52	41.5	m	Copper pipe
Φ15.9	28.5	m	Copper pipe
Φ22.2	13	m	Copper pipe

IDU Name	Model	Weight(kg)	Dimension(WxHxD)(mm)	Power supply	MCA(A)	MFA(A)
CIRCULACAO /IDU1	4TVA0048KF000AA	46.5	1512*299*770	220-240V-50/60Hz	3,75	15
CIRCULACAO /IDU2	4TVA0048KF000AA	46.5	1512*299*770	220-240V-50/60Hz	3,75	15

# Diagramas de tubulação



The drawing may differ from actual conditions due to limitations of the software. Please confirm before installation according to the installation manual.

# Diagramas de fiação

