

Technical sheet for installation

Multisplit RAM-G36N2HAE

General

Nominal cooling capacity	kW	3,6
Total nominal refrigeration capacity	kW	0,85
SEER / Cooling Etas	-	8,5
Cooling operating range	-	-10°C / +46°C
Nominal heating capacity	kW	4,4
Total nominal heat input capacity	kW	1,00
Max. capacity at -7°C without defrosting	kW	3,7
Max. capacity at -7°C with defrosting	kW	3,4
SCOP / Heating summer	-	4,6
Heating operating range	-	-15°C / +24°C
Cooling capacity EU	dB(A)	50
Number of indoor units (min/max)	-	2/2
DESP	-	Soumis, catégorie II

Refrigeration characteristics

Fluid	-	R32
Preloaded length	m	35
Initial fluid charge	kg	1,07
Additional fluid charge	g/m	-
Max length EU and IU (farthest)	m	25m
Maximum vertical drop (UE above / UE below)	m	10
Height difference IU/IU	m	5m
Total network length	m	35

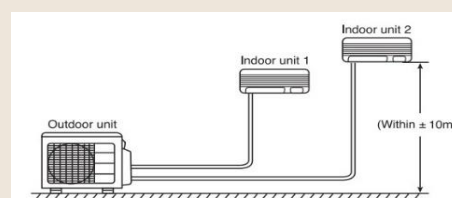
IU diameter vs. IU capacity	Liquid	Gas
IU 1.5kW / 1.8kW / 2.5kW / 35kW	1/4"	3/8"
IU 4.2kW / 5.0kW / 6.0kW	1/4"	1/2"

Always connect the most powerful indoor unit to the lowest connection.

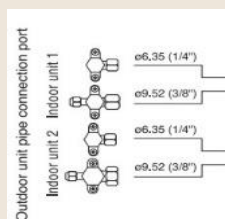
HITACHI



airCloud Alarm Code



Diameter of outdoor unit connections



Depending on configuration, an adapter can be required (see technical catalog)

Technical data

installation

Multisplit RAM-G36N2HAE

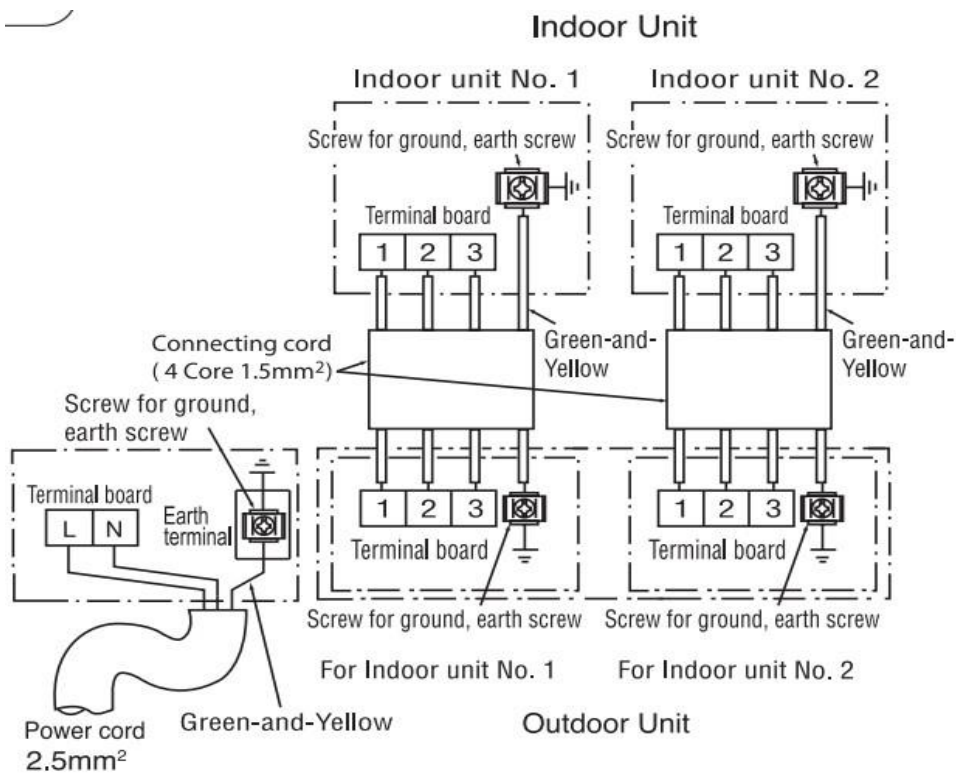
Electrical data

EU power supply	230V / 1P+N+T / 50Hz
Minimum feed cross-section	2,50x2+T (19m max)
Circuit breaker	16A
Max EU current (A)	6
Cable cross-section UE/IU	3x1,5 + T

Further information

EU dimensions (mm x mm x mm)	570 x 750 x 280
EU weight (kg)	40

Wiring diagrams



Air/air unit control

- Control:** air/air units can be controlled via their respective infrared remote control or via a wired remote control (SPX-URFG)
- Air/air unit connectivity:** remote control via airCloud Home. SPX-WFG03 gateway installation required.
- Controllable via Somfy Tahoma and Tahoma Switch boxes: SPX-TAG01 gateway must be installed.
- For estimated consumption:** display via air/air unit remote controls
- Centralized control** with H-Link box for outdoor units: SPX-RAMHLK

Technical sheet for installation

Multisplit RAM-G43N2HAE

General

Nominal cooling capacity	kW	4,3
Total nominal refrigeration capacity	kW	1,02
SEER / Cooling Etas	-	8,5
Cooling operating range	-	-10°C / +46°C
Nominal heating capacity	kW	5,2
Total nominal heat input capacity	kW	1,18
Max. capacity at -7°C without defrosting	kW	3,9
Max. capacity at -7°C with defrosting	kW	3,4
SCOP / Heating summer	-	4,6
Heating operating range	-	-15°C / +24°C
Cooling capacity EU	dB(A)	50
Number of indoor units (min/max)	-	2/2
DESP	-	Soumis, catégorie II

Refrigeration characteristics

Fluid	-	R32
Preloaded length	m	35
Initial fluid charge	kg	1,07
Additional fluid charge	g/m	-
Max length EU and IU (farthest)	m	25m
Maximum vertical drop (UE above / UE below)	m	10
Height difference IU/IU	m	5m
Total network length	m	35

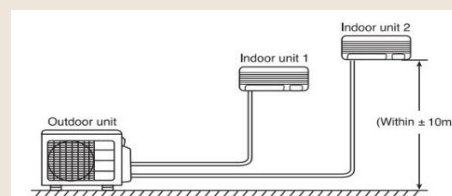
IU diameter vs. IU capacity	Liquid	Gas
IU 1.5kW / 1.8kW / 2.5kW / 35kW	1/4"	3/8"
IU 4.2kW / 5.0kW / 6.0kW	1/4"	1/2"

Always connect the most powerful indoor unit to the lowest connection.

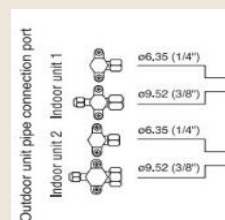
HITACHI



airCloud Alarm Code



Diameter of outdoor unit connections



Depending on configuration, an adapter can be required (see technical catalog)

Technical data

installation

Multisplit RAM-G43N2HAE

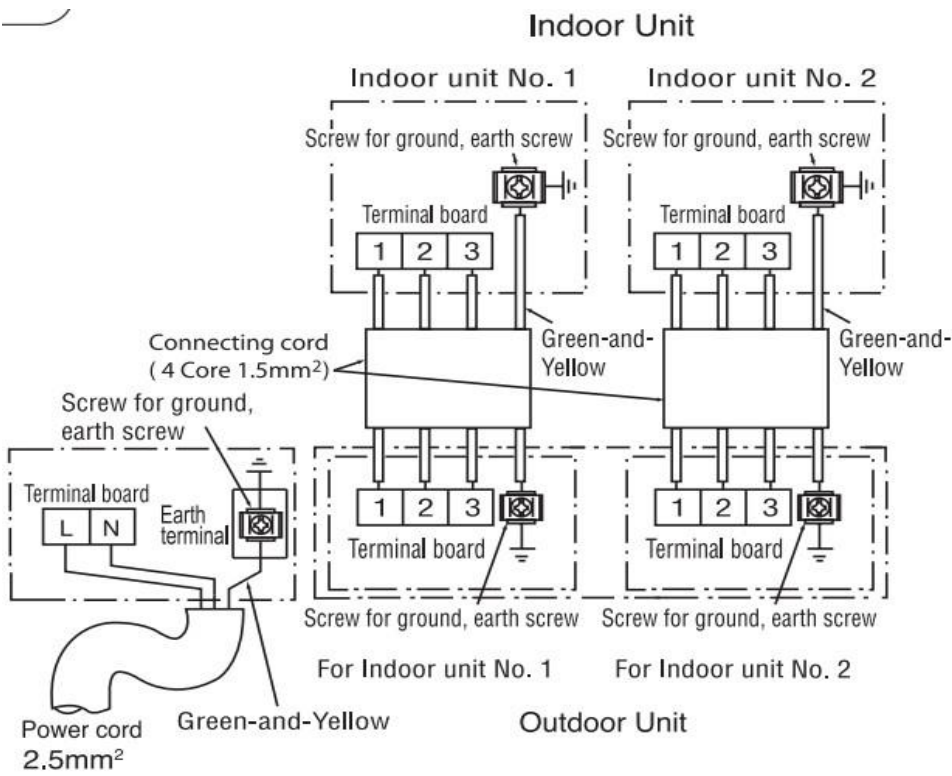
Electrical data

EU power supply	230V / 1P+N+T / 50Hz
Minimum feed cross-section	2,50x2+T (19m max)
Circuit breaker	16A
Max EU current (A)	6
Cable cross-section UE/IU	3x1,5 + T

Further information

EU dimensions (mm x mm x mm)	570 x 750 x 280
EU weight (kg)	40

Wiring diagrams



Air/air unit control

- Control:** air/air units can be controlled via their respective infrared remote control or via a wired remote control (SPX-URFG)
- Air/air unit connectivity:** remote control via airCloud Home. SPX-WFG03 gateway installation required.
- Controllable via Somfy Tahoma and Tahoma Switch boxes: SPX-TAG01 gateway must be installed.
- For estimated consumption:** display via air/air unit remote controls
- Centralized control** with H-Link box for outdoor units: SPX-RAMHLK

Technical sheet for installation

Multisplit RAM-G55N2HAE

General

Nominal cooling capacity	kW	5,5
Total nominal refrigeration capacity	kW	1,30
SEER / Cooling Etas	-	8,5
Cooling operating range	-	-10°C / +46°C
Nominal heating capacity	kW	6,8
Total nominal heat input capacity	kW	1,61
Max. capacity at -7°C without defrosting	kW	5
Max. capacity at -7°C with defrosting	kW	4,5
SCOP / Heating summer	-	4,6
Heating operating range	-	-15°C / +24°C
Cooling capacity EU	dB(A)	56
Number of indoor units (min/max)	-	2/2
DESP	-	Soumis, catégorie II

Refrigeration characteristics

Fluid	-	R32
Preloaded length	m	35
Initial fluid charge	kg	1,8
Additional fluid charge	g/m	-
Max length EU and IU (farthest)	m	25m
Maximum vertical drop (UE above / UE below)	m	20
Height difference IU/IU	m	5m
Total network length	m	35

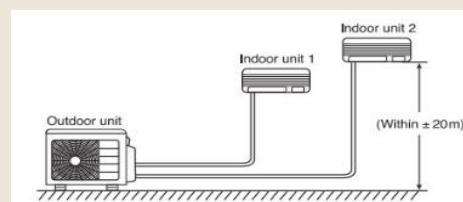
IU diameter vs. IU capacity	Liquid	Gas
IU 1.5kW / 1.8kW / 2.5kW / 35kW	1/4"	3/8"
IU 4.2kW / 5.0kW / 6.0kW	1/4"	1/2"

Always connect the most powerful indoor unit to the lowest connection.

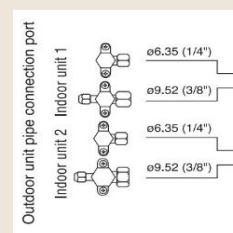
HITACHI



airCloud Alarm Code



Diameter of outdoor unit connections



Depending on configuration, an adapter can be required (see technical catalog)

Technical data

installation

Multisplit RAM-G55N2HAE

Electrical data

EU power supply	230V / 1P+N+T / 50Hz
Minimum feed cross-section	2,50x2+T (19m max)
Circuit breaker	16A
Max EU current (A)	8
Cable cross-section UE/IU	3x1,5 + T

Further information

EU dimensions (mm x mm x mm)	750 x 850 x 298
EU weight (kg)	51

Wiring diagrams

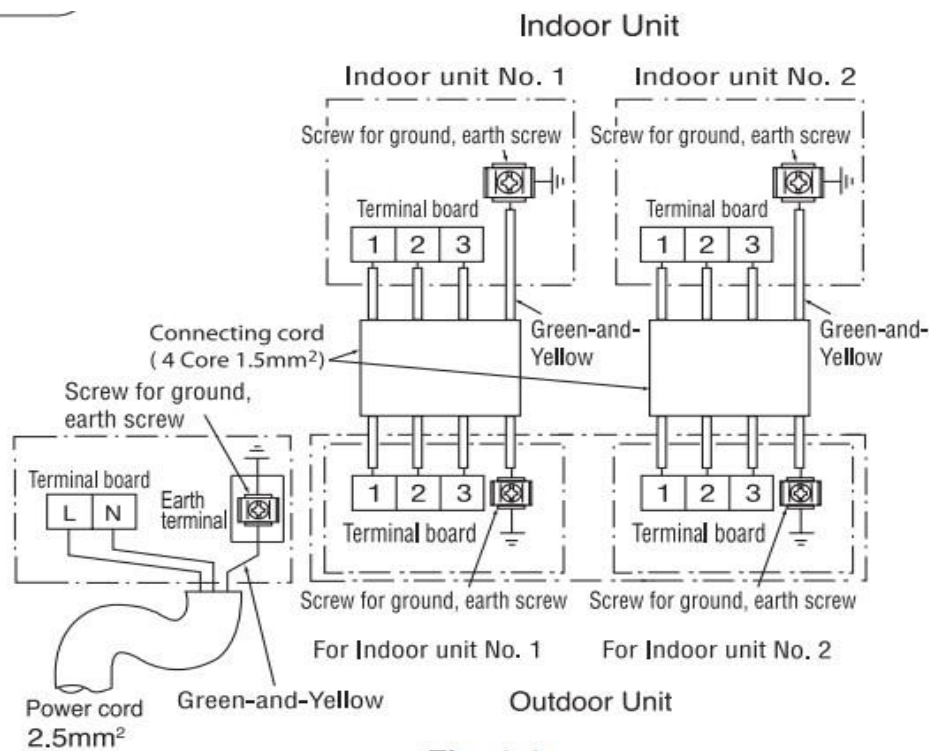


Fig. 1-1

Air/air unit control

Control: air/air units can be controlled via their respective infrared remote control or via a wired remote control (SPX-URFG)

Air/air unit connectivity: remote control via airCloud Home. SPX-WFG03 gateway installation required.

Controllable via Somfy Tahoma and Tahoma Switch boxes: SPX-TAG01 gateway must be installed.

For estimated consumption: display via air/air unit remote controls

Centralized control with H-Link box for outdoor units: SPX-RAMHLK

Technical sheet for installation

Multisplit RAM-G55N3HAE

General

Nominal cooling capacity	kW	5,5
Total nominal refrigeration capacity	kW	1,30
SEER / Cooling Etas	-	8,5
Cooling operating range	-	-10°C / +46°C
Nominal heating capacity	kW	6,8
Total nominal heat input capacity	kW	1,61
Max. capacity at -7°C without defrosting	kW	6
Max. capacity at -7°C with defrosting	kW	5,5
SCOP / Heating summer	-	4,6
Heating operating range	-	-15°C / +24°C
Cooling capacity EU	dB(A)	56
Number of indoor units (min/max)	-	2/3
DESP	-	Soumis, catégorie II

Refrigeration characteristics

Fluid	-	R32
Preloaded length	m	30
Initial fluid charge	kg	2,05
Additional fluid charge	g/m	20
Max length EU and IU (farthest)	m	25m
Maximum vertical drop (UE above / UE below)	m	20
Height difference IU/IU	m	5m
Total network length	m	50

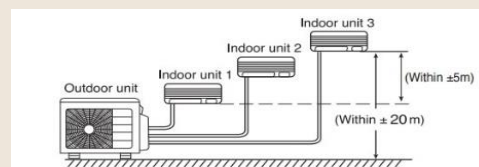
IU diameter vs. IU capacity	Liquid	Gas
IU 1.5kW / 1.8kW / 2.5kW / 35kW	1/4"	3/8"
IU 4.2kW / 5.0kW / 6.0kW	1/4"	1/2"

Always connect the most powerful indoor unit to the lowest connection.

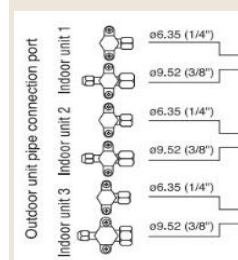
HITACHI



airCloud Alarm Code



Diameter of outdoor unit connections



Depending on configuration, an adapter can be required (see technical catalog)

Technical data

installation

Multisplit RAM-G55N3HAE

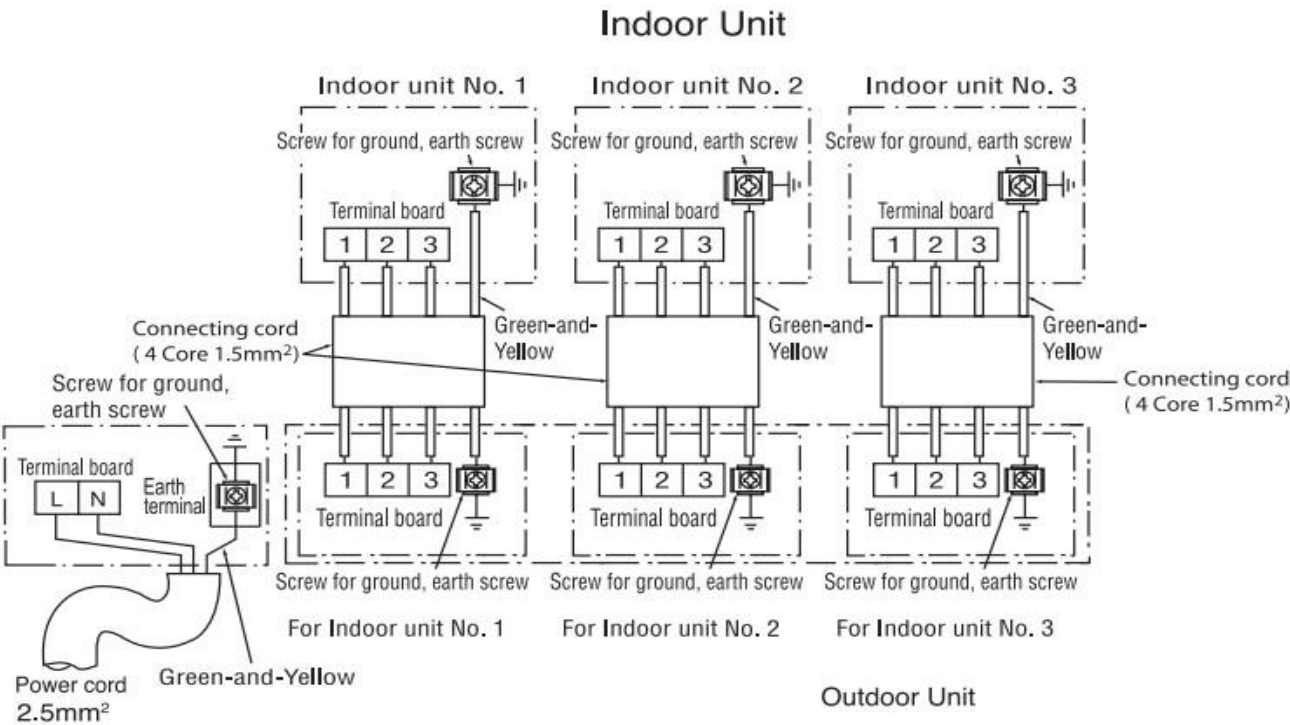
Electrical data

EU power supply	230V / 1P+N+T / 50Hz
Minimum feed cross-section	2,50x2+T (19m max)
Circuit breaker	20A
Max EU current (A)	8
Cable cross-section UE/IU	3x1,5 + T

Further information

EU dimensions (mm x mm x mm)	800 x 850 x 298
EU weight (kg)	58

Wiring diagrams



Air/air unit control

Control: air/air units can be controlled via their respective infrared remote control or via a wired remote control (SPX-URFG)

Air/air unit connectivity: remote control via airCloud Home. SPX-WFG03 gateway installation required.

Controllable via Somfy Tahoma and Tahoma Switch boxes: SPX-TAG01 gateway must be installed.

For estimated consumption: display via air/air unit remote controls

Centralized control with H-Link box for outdoor units: SPX-RAMHLK

Technical sheet for installation

Multisplit RAM-G68N3HAE

General

Nominal cooling capacity	kW	6,8
Total nominal refrigeration capacity	kW	1,83
SEER / Cooling Etas	-	8,1
Cooling operating range	-	-10°C / +46°C
Nominal heating capacity	kW	8,5
Total nominal heat input capacity	kW	2,12
Max. capacity at -7°C without defrosting	kW	6,6
Max. capacity at -7°C with defrosting	kW	6,5
SCOP / Heating summer	-	4,6
Heating operating range	-	-15°C / +24°C
Cooling capacity EU	dB(A)	56
Number of indoor units (min/max)	-	2/3
DESP	-	Soumis, catégorie II

Refrigeration characteristics

Fluid	-	R32
Preloaded length	m	30
Initial fluid charge	kg	2,05
Additional fluid charge	g/m	20
Max length EU and IU (farthest)	m	25m
Maximum vertical drop (UE above / UE below)	m	20
Height difference IU/IU	m	5m
Total network length	m	60

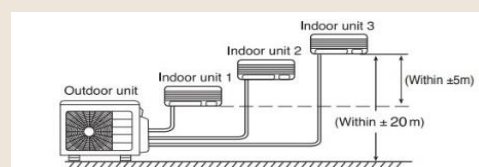
IU diameter vs. IU capacity	Liquid	Gas
IU 1.5kW / 1.8kW / 2.5kW / 35kW	1/4"	3/8"
IU 4.2kW / 5.0kW / 6.0kW	1/4"	1/2"

Always connect the most powerful indoor unit to the lowest connection.

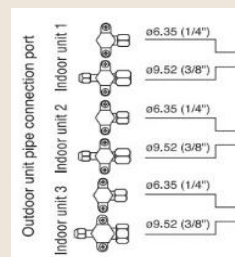
HITACHI



airCloud Alarm Code



Diameter of outdoor unit connections



Depending on configuration, an adapter can be required (see technical catalog)

Technical data

installation

Multisplit RAM-G68N3HAE

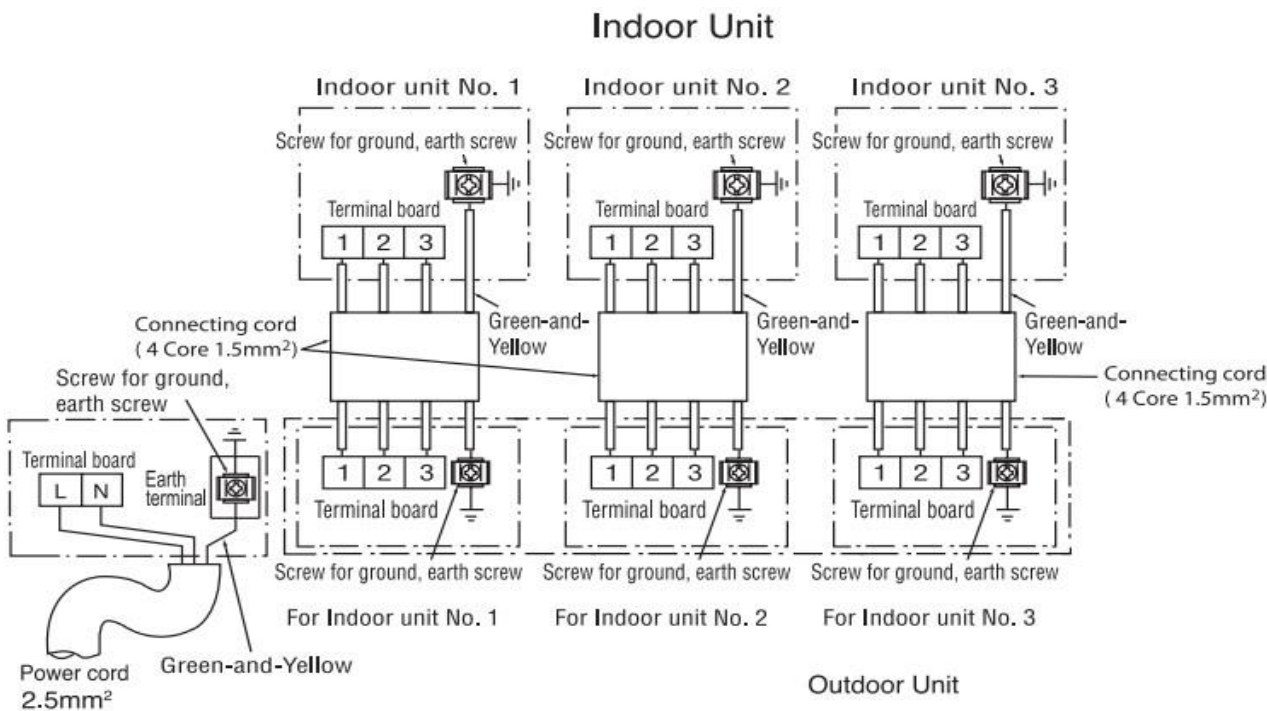
Electrical data

EU power supply	230V / 1P+N+T / 50Hz
Minimum feed cross-section	2,50x2+T (19m max)
Circuit breaker	20A
Max EU current (A)	10
Cable cross-section UE/IU	3x1,5 + T

Further information

EU dimensions (mm x mm x mm)	800 x 850 x 298
EU weight (kg)	58

Wiring diagrams



Air/air unit control

Control: air/air units can be controlled via their respective infrared remote control or via a wired remote control (SPX-URFG)

Air/air unit connectivity: remote control via airCloud Home. SPX-WFG03 gateway installation required.

Controllable via Somfy Tahoma and Tahoma Switch boxes: SPX-TAG01 gateway must be installed.

For estimated consumption: display via air/air unit remote controls

Centralized control with H-Link box for outdoor units: SPX-RAMHLK

Technical sheet for installation

Multisplit RAM-G70N4HAE

General

Nominal cooling capacity	kW	7
Total nominal refrigeration capacity	kW	1,89
SEER / Cooling Etas	-	8,2
Cooling operating range	-	-10°C / +46°C
Nominal heating capacity	kW	8,5
Total nominal heat input capacity	kW	2,02
Max. capacity at -7°C without defrosting	kW	6,6
Max. capacity at -7°C with defrosting	kW	6,5
SCOP / Heating summer	-	4,6
Heating operating range	-	-15°C / +24°C
Cooling capacity EU	dB(A)	60
Number of indoor units (min/max)	-	2/4
DESP	-	Soumis, catégorie II

Refrigeration characteristics

Fluid	-	R32
Preloaded length	m	30
Initial fluid charge	kg	2,05
Additional fluid charge	g/m	20
Max length EU and IU (farthest)	m	25m
Maximum vertical drop (UE above / UE below)	m	20
Height difference IU/IU	m	5m
Total network length	m	60

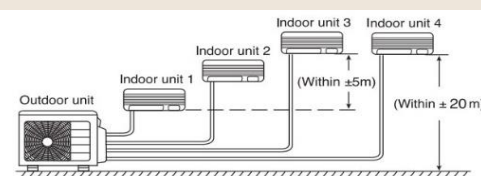
IU diameter vs. IU capacity	Liquid	Gas
IU 1.5kW / 1.8kW / 2.5kW / 35kW	1/4"	3/8"
IU 4.2kW / 5.0kW / 6.0kW	1/4"	1/2"

Always connect the most powerful indoor unit to the lowest connection.

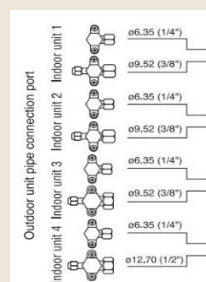
HITACHI



airCloud Alarm Code



Diameter of outdoor unit connections



Depending on configuration, an adapter can be required (see technical catalog)

Technical data

installation

Multisplit RAM-G70N4HAE

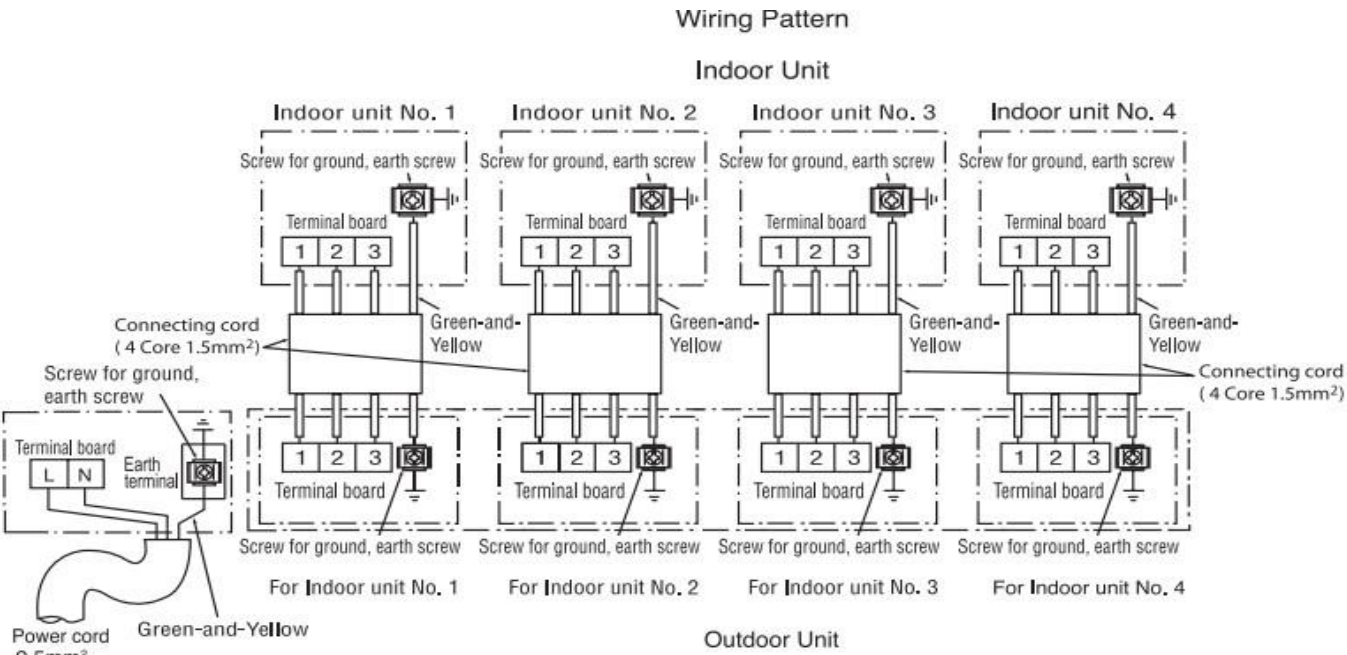
Electrical data

EU power supply	230V / 1P+N+T / 50Hz
Minimum feed cross-section	2,50x2+T (19m max)
Circuit breaker	20A
Max EU current (A)	10
Cable cross-section UE/IU	3x1,5 + T

Further information

EU dimensions (mm x mm x mm)	800 x 850 x 298
EU weight (kg)	58

Wiring diagrams



Air/air unit control

Control: air/air units can be controlled via their respective infrared remote control or via a wired remote control (SPX-URFG)

Air/air unit connectivity: remote control via airCloud Home. SPX-WFG03 gateway installation required.

Controllable via Somfy Tahoma and Tahoma Switch boxes: SPX-TAG01 gateway must be installed.

For estimated consumption: display via air/air unit remote controls

Centralized control with H-Link box for outdoor units: SPX-RAMHLK

Technical sheet for installation

Multisplit RAM-G85N5HAE

General

Nominal cooling capacity	kW	8,5
Total nominal refrigeration capacity	kW	2,50
SEER / Cooling Etas	-	7,9
Cooling operating range	-	-10°C / +46°C
Nominal heating capacity	kW	10
Total nominal heat input capacity	kW	2,56
Max. capacity at -7°C without defrosting	kW	8,4
Max. capacity at -7°C with defrosting	kW	7,8
SCOP / Heating summer	-	4,3
Heating operating range	-	-15°C / +24°C
Cooling capacity EU	dB(A)	60
Number of indoor units (min/max)	-	2/5
DESP	-	Soumis, catégorie II

Refrigeration characteristics

Fluid	-	R32
Preloaded length	m	35
Initial fluid charge	kg	2,4
Additional fluid charge	g/m	15
Max length EU and IU (farthest)	m	25m
Maximum vertical drop (UE above / UE below)	m	20
Height difference IU/IU	m	5m
Total network length	m	75

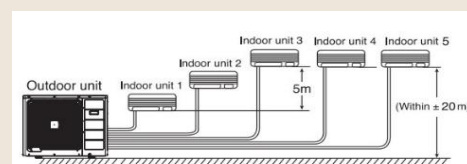
IU diameter vs. IU capacity	Liquid	Gas
IU 1.5kW / 1.8kW / 2.5kW / 35kW	1/4"	3/8"
IU 4.2kW / 5.0kW / 6.0kW	1/4"	1/2"

Always connect the most powerful indoor unit to the lowest connection.

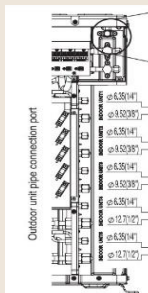
HITACHI



airCloud Alarm Code



Diameter of outdoor unit connections



Depending on configuration, an adapter can be required (see technical catalog)

Technical data

installation

Multisplit RAM-G85N5HAE

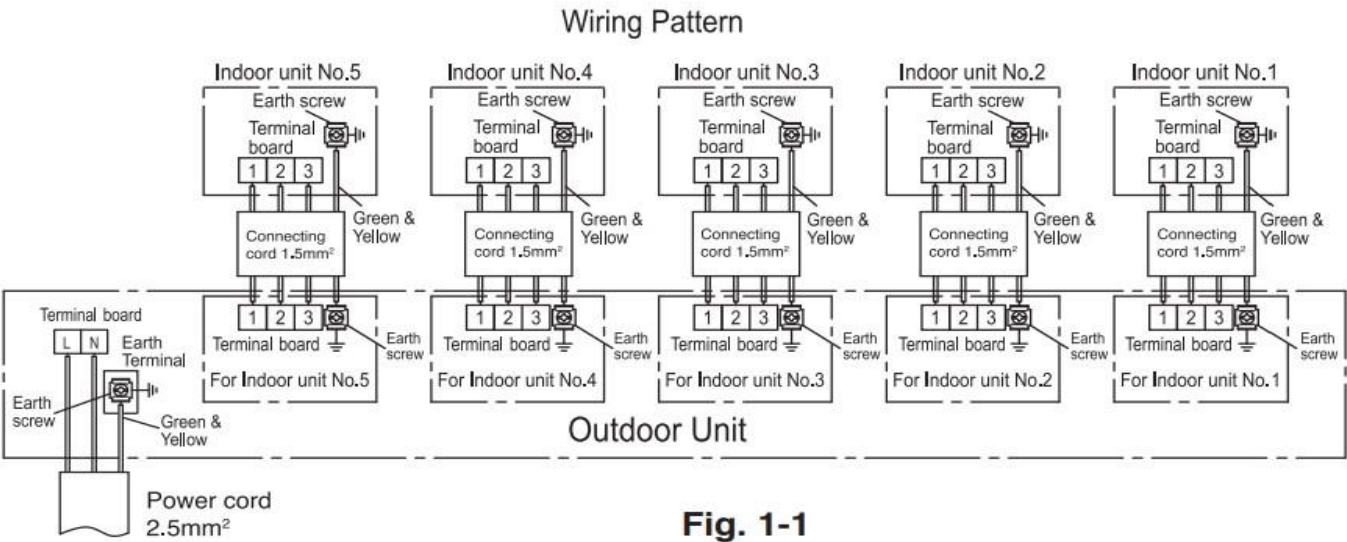
Electrical data

EU power supply	230V / 1P+N+T / 50Hz
Minimum feed cross-section	2,50x2+T (19m max)
Circuit breaker	20A
Max EU current (A)	12
Cable cross-section UE/IU	3x1,5 + T

Further information

EU dimensions (mm x mm x mm)	800 x 950 x 370
EU weight (kg)	74

Wiring diagrams



Air/air unit control

Control: air/air units can be controlled via their respective infrared remote control or via a wired remote control (SPX-URFG)

Air/air unit connectivity: remote control via airCloud Home. SPX-WFG03 gateway installation required.

Controllable via Somfy Tahoma and Tahoma Switch boxes: SPX-TAG01 gateway must be installed.

For estimated consumption: display via air/air unit remote controls

Centralized control with H-Link box for outdoor units: SPX-RAMHLK

Technical sheet for installation

Multisplit RAM-G110N5HAE

General

Nominal cooling capacity	kW	10
Total nominal refrigeration capacity	kW	2,967
SEER / Cooling Etas	-	6,87
Cooling operating range	-	-10°C / +46°C
Nominal heating capacity	kW	12
Total nominal heat input capacity	kW	2,778
Max. capacity at -7°C without defrosting	kW	10
Max. capacity at -7°C with defrosting	kW	8,6
SCOP / Heating summer	-	4,42
Heating operating range	-	-15°C / +24°C
Cooling capacity EU	dB(A)	68
Number of indoor units (min/max)	-	2/5
DESP	-	Non soumis

Refrigeration characteristics

Fluid	-	R32
Preloaded length	m	30
Initial fluid charge	kg	2,72
Additional fluid charge	g/m	13
Max length EU and IU (farthest)	m	25m
Maximum vertical drop (UE above / UE below)	m	20
Height difference IU/IU	m	5m
Total network length	m	75

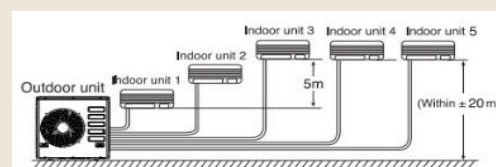
IU diameter vs. IU capacity	Liquid	Gas
IU 1.5kW / 1.8kW / 2.5kW / 35kW	1/4"	3/8"
IU 4.2kW / 5.0kW / 6.0kW	1/4"	1/2"

Always connect the most powerful indoor unit to the lowest connection.

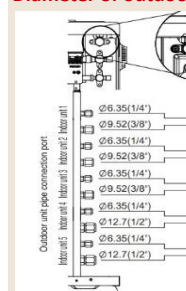
HITACHI



airCloud Alarm Code



Diameter of outdoor unit connections



Depending on configuration, an adapter can be required (see technical catalog)

Technical data

installation

Multisplit RAM-G110N5HAE

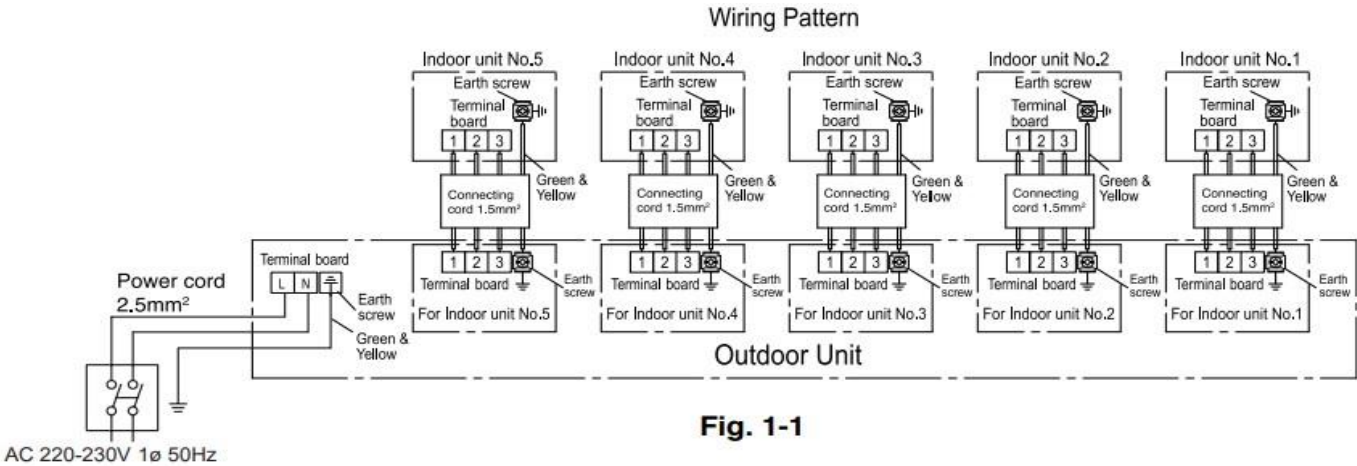
Electrical data

EU power supply	230V / 1P+N+T / 50Hz
Minimum feed cross-section	2,50x2+T (19m max)
Circuit breaker	25A
Max EU current (A)	20
Cable cross-section UE/IU	3x1,5 + T

Further information

EU dimensions (mm x mm x mm)	945 x 950 x 370
EU weight (kg)	81

Wiring diagrams



Air/air unit control

Control: air/air units can be controlled via their respective infrared remote control or via a wired remote control (SPX-URFG)

Air/air unit connectivity: remote control via airCloud Home. SPX-WFG03 gateway installation required.

Controllable via Somfy Tahoma and Tahoma Switch boxes: SPX-TAG01 gateway must be installed.

For estimated consumption: display via air/air unit remote controls

Centralized control with H-Link box for outdoor units: SPX-RAMHLK