

Technical sheet for installation

Single-split wall unit airHome 400 R32

RAK-DJ18RHAE RAC-DJ18WHAE

General

Nominal cooling capacity	kW	2,00 (0,90 - 2,50)
Nominal cooling power input	kW	0,58
SEER	-	7,5
Working range (cooling)	-	-10°C / +46°C
Nominal heating capacity	kW	2,50 (0,90 - 3,20)
Nominal heating power input	kW	0,6
Max. capacity at -7°C without defrosting	kW	2,3
Max. capacity at -7°C with defrosting	kW	1,75
SCOP	-	4,6
Working range (heating)	-	-15°C / +21°C
PED	-	Category II

IU features

IDU dimensions	mm	280 x 780 x 222
IDU weight	kg	7,7
Panel dimensions (Cassette)	mm	-
Panel Net weight (Cassette)	kg	-
Drain pump included		Non
Condensate drain diameter	mm	16mm
Air flow (SL / L / M / H / SH)	m³/h	204 / 255 / 384 / 431 / 545
Static pressure available on the IDU	Pa	-
IDU sound power level	dB(A)	51
IDU sound pressure level (SL / L / M / H / SH)	dB(A)	20 / 24 / 29 / 33 / 37
Wireless remote control	-	RC-AGU1EA0G (included)
Cooling temperature setting range	°C	16-32°C
Heating temperature setting range	°C	16-32°C

Features of the EU

ODU dimension	mm	530x660x278
ODU weight	kg	23
Air flow in cooling	m³/h	1860 / 1620
ODU sound power	dB(A)	59
Condensate		included

HITACHI



Single-split wall unit airHome 400 R32

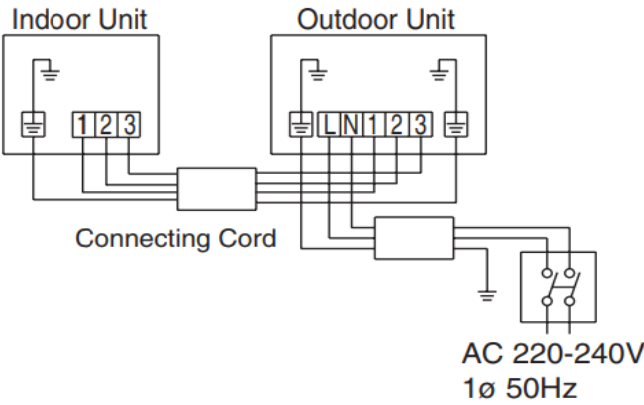
RAK-DJ18RHAE RAC-DJ18WHAE

Electrical data

ODU power supply	230V / 1P+N+T / 50Hz
Minimum cable section	1,50x2+T (14m max)
Interconnection between IDU and ODU	1,50x3+T
Recommended fuse size	16A
IDU max current (A)	3,15
ODU max current (A)	4,39

Refrigeration characteristics

Refrigerant	R32
Chargeless lenght (m)	20
Current quantity of refrigerant (kg)	0,58
Additional refrigerant charge (g/m)	-
Maximum piping lenght IDU/ODU (m)	20
Height difference IDU/ODU(m)	10/10
Piping diameter	1/4" - 3/8"



airCloud Go	As standard
Wired remote controls	SPX-URFG and SPX-RCDB1
CSNET Manager	Via PSC-6RAD
MODBUS gateway	AZAI6WSCHT2
KNX gateway	AZAI6KNXHT2
Static pressure adjustment	Non concerné

Technical sheet for installation

Single-split wall unit airHome 400 R32

RAK-DJ25RHAE RAC-DJ25WHAE

General

Nominal cooling capacity	kW	2,50 (0,90 - 3,10)
Nominal cooling power input	kW	0,7
SEER	-	7,5
Working range (cooling)	-	-10°C / +46°C
Nominal heating capacity	kW	3,40 (0,90 - 4,40)
Nominal heating power input	kW	0,85
Max. capacity at -7°C without defrosting	kW	3,1
Max. capacity at -7°C with defrosting	kW	2,5
SCOP	-	4,6
Working range (heating)	-	-15°C / +21°C
PED	-	Category II

IU features

IDU dimensions	mm	280 x 780 x 222
IDU weight	kg	7,7
Panel dimensions (Cassette)	mm	-
Panel Net weight (Cassette)	kg	-
Drain pump included		Non
Condensate drain diameter	mm	16mm
Air flow (SL / L / M / H / SH)	m³/h	204 / 255 / 394 / 513 / 620
Static pressure available on the IDU	Pa	-
IDU sound power level	dB(A)	54
IDU sound pressure level (SL / L / M / H / SH)	dB(A)	20 / 24 / 30 / 36 / 40
Wireless remote control	-	RC-AGU1EA0G (included)
Cooling temperature setting range	°C	16-32°C
Heating temperature setting range	°C	16-32°C

Features of the EU

ODU dimension	mm	530x660x278
ODU weight	kg	23
Air flow in cooling	m³/h	1860 / 1620
ODU sound power	dB(A)	61
Condensate		included

HITACHI



Single-split wall unit airHome 400 R32

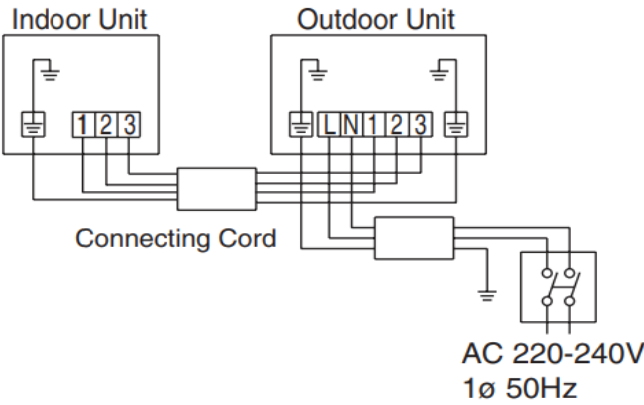
RAK-DJ25RHAE RAC-DJ25WHAE

Electrical data

ODU power supply	230V / 1P+N+T / 50Hz
Minimum cable section	1,50x2+T (14m max)
Interconnection between IDU and ODU	1,50x3+T
Recommended fuse size	16A
IDU max current (A)	3,15
ODU max current (A)	5,61

Refrigeration characteristics

Refrigerant	R32
Chargeless lenght (m)	20
Current quantity of refrigerant (kg)	0,58
Additional refrigerant charge (g/m)	-
Maximum piping lenght IDU/ODU (m)	20
Height difference IDU/ODU(m)	10/10
Piping diameter	1/4" - 3/8"



airCloud Go	As standard
Wired remote controls	SPX-URFG and SPX-RCDB1
CSNET Manager	Via PSC-6RAD
MODBUS gateway	AZAI6WSCHT3
KNX gateway	AZAI6KNXHT3
Static pressure adjustment	Non concerné

Technical sheet for installation

Single-split wall unit airHome 400 R32

RAK-DJ35RHAE RAC-DJ35WHAE

General

Nominal cooling capacity	kW	3,50 (0,90 - 4,00)
Nominal cooling power input	kW	1,08
SEER	-	7,5
Working range (cooling)	-	-10°C / +46°C
Nominal heating capacity	kW	4,20 (0,90 - 5,00)
Nominal heating power input	kW	1,05
Max. capacity at -7°C without defrosting	kW	3,9
Max. capacity at -7°C with defrosting	kW	3
SCOP	-	4,6
Working range (heating)	-	-15°C / +21°C
PED	-	Category II

IU features

IDU dimensions	mm	280 x 780 x 222
IDU weight	kg	7,7
Panel dimensions (Cassette)	mm	-
Panel Net weight (Cassette)	kg	-
Drain pump included		Non
Condensate drain diameter	mm	16mm
Air flow (SL / L / M / H / SH)	m³/h	204 / 302 / 446 / 608 / 653
Static pressure available on the IDU	Pa	-
IDU sound power level	dB(A)	57
IDU sound pressure level (SL / L / M / H / SH)	dB(A)	20 / 27 / 35 / 39 / 43
Wireless remote control	-	RC-AGU1EA0G (included)
Cooling temperature setting range	°C	16-32°C
Heating temperature setting range	°C	16-32°C

Features of the EU

ODU dimension	mm	530x660x278
ODU weight	kg	24,4
Air flow in cooling	m³/h	1860 / 1620
ODU sound power	dB(A)	62
Condensate		included

HITACHI



Single-split wall unit airHome 400 R32

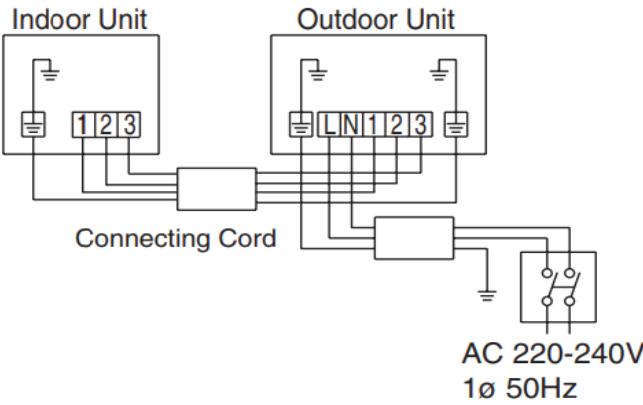
RAK-DJ35RHAE RAC-DJ35WHAE

Electrical data

ODU power supply	230V / 1P+N+T / 50Hz
Minimum cable section	1,50x2+T (14m max)
Interconnection between IDU and ODU	1,50x3+T
Recommended fuse size	16A
IDU max current (A)	3,15
ODU max current (A)	6,35

Refrigeration characteristics

Refrigerant	R32
Chargeless lenght (m)	20
Current quantity of refrigerant (kg)	0,72
Additional refrigerant charge (g/m)	-
Maximum piping lenght IDU/ODU (m)	20
Height difference IDU/ODU(m)	10/10
Piping diameter	1/4" - 3/8"



airCloud Go	As standard
Wired remote controls	SPX-URFG and SPX-RCDB1
CSNET Manager	Via PSC-6RAD
MODBUS gateway	AZAI6WSCHT4
KNX gateway	AZAI6KNXHT4
Static pressure adjustment	Non concerné

Technical sheet for installation

Single-split wall unit airHome 400 R32

RAK-DJ50RHAE RAC-DJ50WHAE

General

Nominal cooling capacity	kW	5,00 (1,90 - 5,20)
Nominal cooling power input	kW	1,55
SEER	-	7
Working range (cooling)	-	-10°C / +46°C
Nominal heating capacity	kW	6,00 (2,2 - 7,30)
Nominal heating power input	kW	1,62
Max. capacity at -7°C without defrosting	kW	5,2
Max. capacity at -7°C with defrosting	kW	4
SCOP	-	4,5
Working range (heating)	-	-15°C / +21°C
PED	-	Category II

IU features

IDU dimensions	mm	280 x 780 x 222
IDU weight	kg	8,4
Panel dimensions (Cassette)	mm	-
Panel Net weight (Cassette)	kg	-
Drain pump included		Non
Condensate drain diameter	mm	16mm
Air flow (SL / L / M / H / SH)	m³/h	265 / 360 / 528 / 608 / 663
Static pressure available on the IDU	Pa	-
IDU sound power level	dB(A)	60
IDU sound pressure level (SL / L / M / H / SH)	dB(A)	28 / 33 / 38 / 42 / 46
Wireless remote control	-	RC-AGU1EA0G (included)
Cooling temperature setting range	°C	16-32°C
Heating temperature setting range	°C	16-32°C

Features of the EU

ODU dimension	mm	600x792x299
ODU weight	kg	39,1
Air flow in cooling	m³/h	2160 / 2160
ODU sound power	dB(A)	64
Condensate		included

HITACHI



Single-split wall unit airHome 400 R32

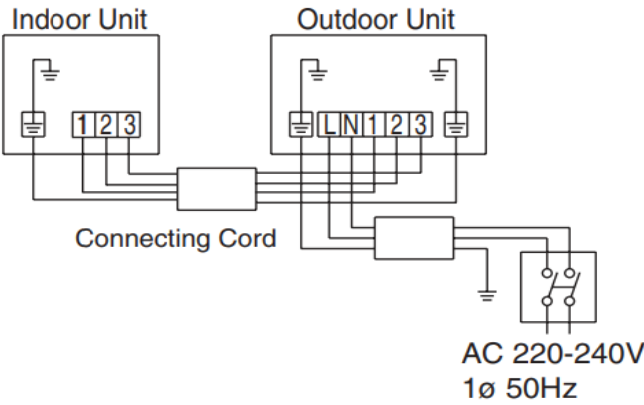
RAK-DJ50RHAE RAC-DJ50WHAE

Electrical data

ODU power supply	230V / 1P+N+T / 50Hz
Minimum cable section	2,50x2+T (19m max)
Interconnection between IDU and ODU	1,50x3+T
Recommended fuse size	16A
IDU max current (A)	3,15
ODU max current (A)	9,13

Refrigeration characteristics

Refrigerant	R32
Chargeless lenght (m)	20
Current quantity of refrigerant (kg)	0,93
Additional refrigerant charge (g/m)	-
Maximum piping lenght IDU/ODU (m)	20
Height difference IDU/ODU(m)	10/10
Piping diameter	1/4" - 3/8"



airCloud Go	As standard
Wired remote controls	SPX-URFG and SPX-RCDB1
CSNET Manager	Via PSC-6RAD
MODBUS gateway	AZAI6WSCHT5
KNX gateway	AZAI6KNXHT5
Static pressure adjustment	Non concerné

Technical sheet for installation

Single-split wall unit airHome 400 R32

RAK-DJ60RHAE RAC-DJ60WHAE

General

Nominal cooling capacity	kW	6,00 (1,75 - 6,80)
Nominal cooling power input	kW	1,81
SEER	-	6,8
Working range (cooling)	-	-15°C / +46°C
Nominal heating capacity	kW	7,00 (1,75 - 7,80)
Nominal heating power input	kW	2
Max. capacity at -7°C without defrosting	kW	4,9
Max. capacity at -7°C with defrosting	kW	3,74
SCOP	-	4,1
Working range (heating)	-	-15°C / +21°C
PED	-	Not involved

IU features

IDU dimensions	mm	294 x 950 x 230
IDU weight	kg	10,5
Panel dimensions (Cassette)	mm	-
Panel Net weight (Cassette)	kg	-
Drain pump included		Non
Condensate drain diameter	mm	16mm
Air flow (SL / L / M / H / SH)	m³/h	360 / 510 / 700 / 940 / 1000
Static pressure available on the IDU	Pa	-
IDU sound power level	dB(A)	60
IDU sound pressure level (SL / L / M / H / SH)	dB(A)	30 / 33 / 42 / 45 / 48
Wireless remote control	-	RC-AGU1EA0G (included)
Cooling temperature setting range	°C	16-32°C
Heating temperature setting range	°C	16-32°C

Features of the EU

ODU dimension	mm	750x850x298
ODU weight	kg	48
Air flow in cooling	m³/h	2700 / 2700
ODU sound power	dB(A)	60
Condensate		included

HITACHI



Single-split wall unit airHome 400 R32

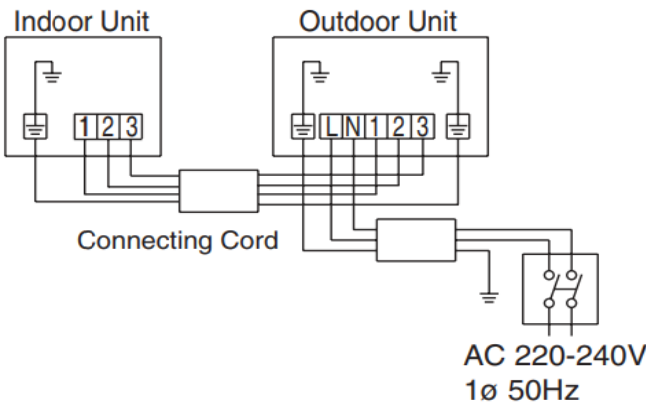
RAK-DJ60RHAE RAC-DJ60WHAE

Electrical data

ODU power supply	230V / 1P+N+T / 50Hz
Minimum cable section	2,50x2+T (19m max)
Interconnection between IDU and ODU	1,50x3+T
Recommended fuse size	20A
IDU max current (A)	3,15
ODU max current (A)	13,1

Refrigeration characteristics

Refrigerant	R32
Chargeless lenght (m)	30
Current quantity of refrigerant (kg)	1,5
Additional refrigerant charge (g/m)	-
Maximum piping lenght IDU/ODU (m)	30
Height difference IDU/ODU(m)	20/20
Piping diameter	1/4" - 1/2"



airCloud Go	As standard
Wired remote controls	SPX-URFG and SPX-RCDB1
CSNET Manager	Via PSC-6RAD
MODBUS gateway	AZAI6WSCHT6
KNX gateway	AZAI6KNXHT6
Static pressure adjustment	Non concerné

Technical sheet for installation

Single-split wall unit airHome 400 R32

RAK-DJ70RHAE RAC-DJ70WHAE

General

Nominal cooling capacity	kW	7,10 (1,75 - 7,50)
Nominal cooling power input	kW	2,63
SEER	-	6,2
Working range (cooling)	-	-15°C / +46°C
Nominal heating capacity	kW	8,10 (1,75 - 8,30)
Nominal heating power input	kW	2,61
Max. capacity at -7°C without defrosting	kW	5,2
Max. capacity at -7°C with defrosting	kW	3,75
SCOP	-	4
Working range (heating)	-	-15°C / +21°C
PED	-	Not involved

IU features

IDU dimensions	mm	294 x 950 x 230
IDU weight	kg	10,5
Panel dimensions (Cassette)	mm	-
Panel Net weight (Cassette)	kg	-
Drain pump included		Non
Condensate drain diameter	mm	16mm
Air flow (SL / L / M / H / SH)	m³/h	360 / 510 / 700 / 940 / 1000
Static pressure available on the IDU	Pa	-
IDU sound power level	dB(A)	62
IDU sound pressure level (SL / L / M / H / SH)	dB(A)	30 / 36 / 42 / 45 / 48
Wireless remote control	-	RC-AGU1EA0G (included)
Cooling temperature setting range	°C	16-32°C
Heating temperature setting range	°C	16-32°C

Features of the EU

ODU dimension	mm	750x850x298
ODU weight	kg	48
Air flow in cooling	m³/h	2700 / 2700
ODU sound power	dB(A)	62
Condensate		included

HITACHI



Single-split wall unit airHome 400 R32

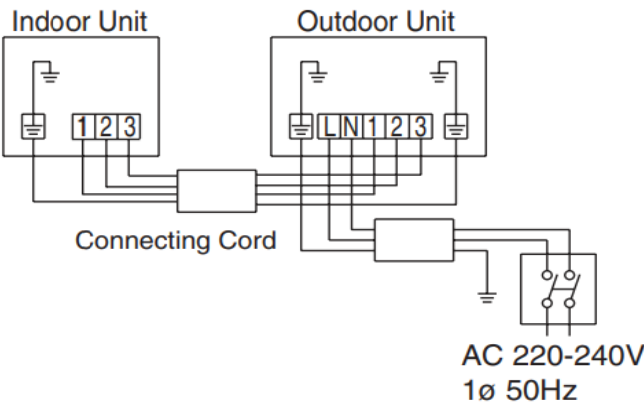
RAK-DJ70RHAE RAC-DJ70WHAE

Electrical data

ODU power supply	230V / 1P+N+T / 50Hz
Minimum cable section	2,50x2+T (19m max)
Interconnection between IDU and ODU	1,50x3+T
Recommended fuse size	20A
IDU max current (A)	3,15
ODU max current (A)	14,5

Refrigeration characteristics

Refrigerant	R32
Chargeless lenght (m)	30
Current quantity of refrigerant (kg)	1,6
Additional refrigerant charge (g/m)	-
Maximum piping lenght IDU/ODU (m)	30
Height difference IDU/ODU(m)	20/20
Piping diameter	1/4" - 5/8"



airCloud Go	As standard
Wired remote controls	SPX-URFG and SPX-RCDB1
CSNET Manager	Via PSC-6RAD
MODBUS gateway	AZAI6WSCHT7
KNX gateway	AZAI6KNXHT7
Static pressure adjustment	Non concerné