

HITACHI SPLIT SYSTEMS – QUICK REFERENCE CHART – 2010 PRODUCT RANGE

Indoor Model Code	Outdoor Model Code	Nominal Cooling kW	Nominal Heating kW	Supply Location	Supply Type	Fuse Rating (A)	Intercon Cables	Start Current (A)	Run Current (A)	Pipe Sizes	Max Pipe Length (m)	Max Height Diff (m)	Pre-charged R410A (m)	Indoor Dims (mm) (h/w/d)	Outdoor Dims (mm) (h/w/d)	Indoor Weight (kg)	Outdoor Weight (kg)	
High Wall – S-Series Inverter Heat Pump Systems																		
RAS-18SX8	RAC-18SX8	1.8	2.1	Outdoor	1 Ph	16	2+E	5.8	3.72	1/4	3/8	20	10	20	298x793x233	570x750x288	11.5	36
RAS-25SX8	RAC-25SX8	2.5	3.2	Outdoor	1 Ph	16	2+E	5.8	3.72	1/4	3/8	20	10	20	298x793x233	570x750x288	11.5	36
RAS-35SX8	RAC-35SX8	3.5	4.2	Outdoor	1 Ph	16	2+E	6.2	4.49	1/4	3/8	20	10	20	298x793x233	570x750x288	11.5	36
High Wall – Shirokuma Inverter Heat Pump Systems																		
RAS-25WX8	RAC-25WX8	2.5	3.4	Outdoor	1 Ph	16	2+E	3.9	3.72	1/4	3/8	20	10	20	295x795x198	548x750x288	10	35
RAS-35WX8	RAC-35WX8	3.5	4.2	Outdoor	1 Ph	16	2+E	4.7	4.49	1/4	3/8	20	10	20	295x795x198	548x750x288	10	35
RAS-50WX8	RAC-50WX8	5.0	6.3	Outdoor	1 Ph	16	2+E	8.1	7.66	1/4	1/2	30	10	30	295x795x198	600x792x299	10	42
High Wall – Summit Inverter Heat Pump Systems																		
RAS-18FH6	RAC-18YH6	2.0	2.5	Outdoor	1 Ph	16	2+E	3.0	2.8	1/4	3/8	20	10	20	280x780x220	550x700x258	9.5	27
RAS-25FH6	RAC-25YH6	2.5	3.4	Outdoor	1 Ph	16	2+E	4.5	4.3	1/4	3/8	20	10	20	280x780x220	550x700x258	9.5	27
RAS-35FH6	RAC-35YH6	3.5	4.2	Outdoor	1 Ph	16	2+E	5.3	5.1	1/4	3/8	20	10	20	280x780x220	548x750x288	9.5	35
RAS-50FH7	RAC-50YH7	5.0	6.0	Outdoor	1 Ph	16	2+E	7.1	7.2	1/4	1/2	20	10	20	280x780x220	650x850x298	9.5	45
RAS-60YH7	RAC-60YH7	6.0	6.8	Outdoor	1 Ph	16	2+E	8.5	8.2	1/4	1/2	30	20	20	295x1030x207	650x850x298	12.0	45
RAS-70YH7	RAC-70YH7	7.0	8.0	Outdoor	1 Ph	20	4+E	10.0	9.6	1/4	5/8	30	20	20	295x1030x207	800x850x298	15.0	55
RAS-80YH5A	RAC-80YH5	8.0	9.3	Outdoor	1 Ph	30	4+E	14.0	13.6	1/4	5/8	30	20	20	330x1150x245	875x925x315	15.0	75
High Wall – Utopia ES Inverter Heat Pump Systems																		
RPK-2.0FSN2M	RAS-2HRVNE1	5.0	5.6	Outdoor	1 Ph	16	4+E	TBC	5.2	1/4	1/2	50	30	30	295x1030x208	600x792x300	12	42
RPK-2.5FSN2M	RAS-2.5HVRNE1	6.0	7.0	Outdoor	1 Ph	20	4+E	TBC	8.1	1/4	1/2	50	30	30	333x1150x245	600x792x300	18	42
RPK-3.0FSN2M	RAS-3HVRNSE	7.1	8.0	Outdoor	1 Ph	25	4+E	TBC	10.8	3/8	5/8	30	30	30	333x1150x245	600x792x300	18	44
RPK-4.0FSN2M	RAS-4HVRNSE	10.0	11.2	Outdoor	1 Ph	32	4+E	TBC	13.8	3/8	5/8	50	30	30	333x1150x245	800x950x370	18	85
Cassette – Monozone Inverter Heat Pump Systems																		
RAI-25NH5A	RAC-25NH5	2.5	3.5	Outdoor	1 Ph	16	2+E	4.2	4.15	1/4	3/8	20	10	20	285x580x580	570x750x280	20	38
RAI-35NH5A	RAC-35NH5	3.5	4.8	Outdoor	1 Ph	16	2+E	6.1	6.0	1/4	3/8	20	10	20	285x580x580	570x750x280	20	38
RAI-50NH5A	RAC-50NH5	5.0	6.5	Outdoor	1 Ph	16	2+E	10.0	9.49	1/4	1/2	20	10	20	285x580x580	650x850x298	20	45
RAI-ECPM	Grille (All Models)														32x650x650	–	4	–
Cassette (4 Way) – Utopia ES Inverter Heat Pump Systems																		
RCIM-2.0FSN2	RAS-2HRVNE1	5.0	5.6	Outdoor	1 Ph	16	4+E	TBC	5.2	1/4	1/2	50	30	30	295x570x570	600x792x300	17.0	42
P-N23WAM	Grille for above														35x700x700	–	TBC	–
RCI-2.0FSN2E	RAS-2HRVNE1	5.0	5.6	Outdoor	1 Ph	16	4+E	TBC	5.2	1/4	1/2	50	30	30	248x840x840	600x792x300	24.0	42
RCI-2.5FSN2E	RAS-2.5HVRNE1	6.0	7.0	Outdoor	1 Ph	20	4+E	TBC	8.1	1/4	1/2	50	30	30	248x840x840	600x792x300	24.0	42
RCI-3.0FSN2E	RAS-3HVRNSE	7.1	8.0	Outdoor	1 Ph	25	4+E	TBC	10.8	3/8	5/8	30	30	30	298x840x840	600x792x300	26.0	44
RCI-4.0FSN2E	RAS-4HVRNSE	10.0	11.2	Outdoor	1 Ph	32	4+E	TBC	13.8	3/8	5/8	50	30	30	298x840x840	800x950x370	26.0	85
RCI-5.0FSN2E	RAS-5HVRNSE	12.5	14.0	Outdoor	1 Ph	32	4+E	TBC	17.6	3/8	5/8	50	30	30	298x840x840	800x950x370	26.0	89
RCI-6.0FSN2E	RAS-6HVRNSE	14.0	16.0	Outdoor	1 Ph	32	4+E	TBC	20.9	3/8	5/8	50	30	30	298x840x840	800x950x370	26.0	89
P-N23WA	Grille (2 - 6 HP)														38x950x950	–	6.0	–
Cassette (2 Way) – Utopia ES Inverter Heat Pump Systems																		
RCD-2.0FSN2	RAS-2HRVNE1	5.0	5.6	Outdoor	1 Ph	16	4+E	TBC	5.2	1/4	1/2	50	30	30	298x860x620	600x792x300	27.0	42
RCD-2.5FSN2	RAS-2.5HVRNE1	6.0	7.0	Outdoor	1 Ph	20	4+E	TBC	8.1	1/4	1/2	50	30	30	298x860x620	600x792x300	30.0	42
RCD-3.0FSN2	RAS-3HVRNSE	7.1	8.0	Outdoor	1 Ph	25	4+E	TBC	10.8	3/8	5/8	30	30	30	298x860x620	600x792x300	30.0	44
P-N23DWA	Grille (2 - 3 HP)														30x1100x710	–	6.0	–
RCD-4.0FSN2	RAS-4HVRNSE	10.0	11.2	Outdoor	1 Ph	32	4+E	TBC	13.8	3/8	5/8	50	30	30	298x1420x620	800x950x370	48.0	85
RCD-5.0FSN2	RAS-5HVRNSE	12.5	14.0	Outdoor	1 Ph	32	4+E	TBC	17.6	3/8	5/8	50	30	30	298x1420x620	800x950x370	48.0	89
P-N46DWA	Grille (4 - 5 HP)														30x1660x710	–	8.0	–

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HITACHI SPLIT SYSTEMS – QUICK REFERENCE CHART – 2010 PRODUCT RANGE

Indoor Model Code	Outdoor Model Code	Nominal Cooling kW	Nominal Heating kW	Supply Location	Supply Type	Fuse Rating (A)	Intercon Cables	Start Current (A)	Run Current (A)	Pipe Sizes	Max Pipe Length (m)	Max Height Diff (m)	Pre-charged R410A (m)	Indoor Dims (mm) (h/w/d)	Outdoor Dims (mm) (h/w/d)	Indoor Weight (kg)	Outdoor Weight (kg)	
Ducted - Monozone Inverter Heat Pump Systems																		
RAD-25NH7A	RAC-25NH5	2.5	3.5	Outdoor	1 Ph	16	2+E	4.2	4.26	1/4	3/8	20	10	20	750x400x235	570x750x280	19	38
RAD-35NH7A	RAC-35NH5	3.5	4.8	Outdoor	1 Ph	16	2+E	6.1	7.5	1/4	3/8	20	10	20	750x400x235	570x750x280	19	38
Ducted - Monoduct Inverter Heat Pump Systems																		
RAD-50DH7A	RAC-50DH7	5.0	6.0	Outdoor	1 Ph	16	2+E	10.0	6.98	1/4	1/2	30	20	30	900x720x270	800x850x298	35	55
RAD-60DH7A	RAC-60DH7	6.0	7.3	Outdoor	1 Ph	16	2+E	10.0	9.4	1/4	1/2	30	20	30	900x720x270	800x850x298	35	55
RAD-70DH7A	RAC-70DH7	7.1	8.0	Outdoor	1 Ph	16	2+E	10.0	10.3	1/4	5/8	30	20	30	900x720x270	800x850x298	35	55
Ducted - Utopia ES Inverter Heat Pump Systems																		
RPI-2.0FSN2E	RAS-2HVRNE1	5.0	5.6	Outdoor	1 Ph	16	4+E	TBC	5.2	1/4	1/2	50	30	30	275x1084x600	600x792x300	35	42
RPI-2.5FSN2E	RAS-2.5HVRNE1	6.0	7.0	Outdoor	1 Ph	20	4+E	TBC	8.1	1/4	1/2	50	30	30	275x1084x600	600x792x300	37	42
RPI-3.0FSN2E	RAS-3HVRNE1	7.1	8.0	Outdoor	1 Ph	25	4+E	TBC	10.8	3/8	5/8	30	30	30	275x1084x600	600x792x300	37	44
RPI-4.0FSN2E	RAS-4HVRNE1	10.0	11.2	Outdoor	1 Ph	32	4+E	TBC	13.8	3/8	5/8	50	30	30	275x1474x600	800x950x370	48	85
RPI-5.0FSN2E	RAS-5HVRNE1	12.5	14.0	Outdoor	1 Ph	32	4+E	TBC	17.6	3/8	5/8	50	30	30	275x1474x600	800x950x370	49	89
RPI-6.0FSN2E	RAS-6HVRNE1	14.0	16.0	Outdoor	1 Ph	32	4+E	TBC	20.9	3/8	5/8	50	30	30	275x1474x600	800x950x370	49	89
RPI-8.0FSN2E	RAS-8.0HVRNE1	22.4	25.0	Outdoor	3 Ph	16	TBA	TBC	9.2	3/8	7/8*	50	30+	30	475x1580x600	1380x950x370	85	135
RPI-10.0FSN2E	RAS-10.0HVRNE1	28.0	31.5	Outdoor	3 Ph	20	TBA	TBC	12.0	1/2	7/8*	50	30+	30	475x1580x600	1380x950x370	87	141
Ceiling Suspended - Utopia ES Inverter Heat Pump Systems																		
RPC-2.0FSN2E	RAS-2HVRNE1	5.0	5.6	Outdoor	1 Ph	16	4+E	TBC	5.2	1/4	1/2	50	30	30	163x1094x625	600x792x300	28	42
RPC-2.5FSN2E	RAS-2.5HVRNE1	6.0	7.0	Outdoor	1 Ph	20	4+E	TBC	8.1	1/4	1/2	50	30	30	163x1314x625	600x792x300	31	42
RPC-3.0FSN2E	RAS-3HVRNE1	7.1	8.0	Outdoor	1 Ph	25	4+E	TBC	10.8	3/8	5/8	30	30	30	163x1314x625	600x792x300	31	44
RPC-4.0FSN2E	RAS-4HVRNE1	10.0	11.2	Outdoor	1 Ph	32	4+E	TBC	13.8	3/8	5/8	50	30	30	225x1314x625	800x950x370	35	85
RPC-5.0FSN2E	RAS-5HVRNE1	12.5	14.0	Outdoor	1 Ph	32	4+E	TBC	17.6	3/8	5/8	50	30	30	225x1574x625	800x950x370	41	89
RPC-6.0FSN2E	RAS-6HVRNE1	14.0	16.0	Outdoor	1 Ph	32	4+E	TBC	20.9	3/8	5/8	50	30	30	225x1574x625	800x950x370	41	89
Floor Mounted - Shirokuma Inverter Heat Pump Systems																		
RAF-25FX8	RAC-25FX8	2.5	3.4	Outdoor	1 Ph	16	2+E	4.0	3.82	1/4	3/8	20	10	20	590x750x215	548x750x288	15	35
RAF-35FX8	RAC-35FX8	3.5	4.2	Outdoor	1 Ph	16	2+E	5.8	5.58	1/4	3/8	20	10	20	590x750x215	548x750x288	15	35
RAF-50FX8	RAC-50FX8	5.0	6.5	Outdoor	1 Ph	16	2+E	8.2	7.82	1/4	1/2	30	10	30	590x750x215	600x792x299	15	42
Floor Mounted (Cased) - Utopia ES Inverter Heat Pump Systems																		
RPF-2.0FSN2E	RAS-2HVRNE1	5.0	5.6	Outdoor	1 Ph	16	4+E	TBC	5.2	1/4	1/2	50	30	30	630x1420x220	600x792x300	33	42
RPF-2.5FSN2E	RAS-2.5HVRNE1	6.0	7.0	Outdoor	1 Ph	20	4+E	TBC	8.1	1/4	1/2	50	30	30	630x1420x220	600x792x300	34	42
Floor Mounted (Uncased) - Utopia ES Inverter Heat Pump Systems																		
RPFI-2.0FSN2E	RAS-2HVRNE1	5.0	5.6	Outdoor	1 Ph	16	4+E	TBC	5.2	1/4	1/2	50	30	30	620x1223x220	600x792x300	27	42
RPFI-2.5FSN2E	RAS-2.5HVRNE1	6.0	7.0	Outdoor	1 Ph	20	4+E	TBC	8.1	1/4	1/2	50	30	30	620x1223x220	600x792x300	28	42

* PIPESIZE TO 30M RUN. 1"18" FOR RUNS BETWEEN 30M AND 50M

+ 20M IF THE OUTDOOR UNIT IS BELOW THE INDOOR UNIT

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HITACHI MULTIZONE SYSTEM – QUICK REFERENCE CHART – 2010 PRODUCT RANGE

MULTIZONE OUTDOOR UNITS

Model	Indoor Units Max	Indoor Units Min	Nominal Cooling (kW)	Nominal Heating (kW)	Supply Location	Supply Type	Fuse Rating (A)	Intercon Cables	Run Current	Pipe Sizes	Max Total Pipe Length (m)	Min Indiv Pipe Length (m)	Max Height Diff Ind to Out (m)	Dimensions mm (h/w/d)	Unit Weight (kg)
RAM-35QH5	2	2	3.5	4.0	Outdoor	1 Ph	16	2 + E	10.0	1/4 3/8	35	5	20	570x750x280	40
RAM-52QH5	2	2	5.2	6.8	Outdoor	1 Ph	16	2 + E	10.0	1/4 3/8	35	5	20	650x850x298	50
RAM-53QH5	3	2	5.2	6.8	Outdoor	1 Ph	16	2 + E	10.0	1/4 3/8	45	5	20	650x850x298	50
RAM-71QH5	4	2	7.1	8.6	Outdoor	1 Ph	30	2 + E	16.0	TBA	60	5	20	TBA	TBA
RAM-90QH5	5	2	9.0	11.0	Outdoor	1 Ph	30	2 + E	19.0	5x1/4, 3x3/8, 2x1/2	75	5	20	800x950x370	71
RAM-130QH5*	6	4	12.6	14.4	Outdoor	1 Ph	30	2 + E	20.0	1/4 3/8	45 + 45	5	20	1450x855x308	113

* RAM-130QH5 IS A TWIN CIRCUIT MACHINE AND HAS INDIVIDUAL PIPEWORK LIMITATIONS PER CIRCUIT. PLEASE CONTACT US FOR CONFIRMATION OF SELECTION.

MULTIZONE INDOOR UNITS

Model	Type	Nominal Cooling (kW)	Nominal Heating (kW)	Supply Location	Supply Type	Fuse Rating (A)	Intercon Cables	Run Current	Pipe Sizes	Max Total Pipe Length (m)	Min Indiv Pipe Length (m)	Max Height Diff Ind to Ind (m)	Dimensions mm (h/w/d)	Unit Weight (kg)
RAK-18QHS8	Wall Mounted	2.0	2.5	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 3/8	25	5	5	295x795x198	10
RAK-25QH8	Wall Mounted	2.5	3.6	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 3/8	25	5	5	295x795x198	10
RAK-35QH8	Wall Mounted	3.5	4.5	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 3/8	25	5	5	295x795x198	10
RAK-50QH8	Wall Mounted	5.0	6.7	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 1/2	25	5	5	295x795x198	10
RAI-25NH5A	Cassette	2.5	3.6	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 3/8	25	5	5	285x580x580	20
RAI-35NH5A	Cassette	3.5	4.5	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 3/8	25	5	5	285x580x580	20
RAI-50NH5A	Cassette	5.0	6.7	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 1/2	25	5	5	285x580x580	20
RAI-ECPM	Cassette Grille (common)	-	-	-	-	-	-	-	-	-	-	-	32x650x650	4
RAF-25QH8	Floor Mounted	2.5	3.6	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 3/8	25	5	5	590x750x215	15
RAF-35QH8	Floor Mounted	3.5	4.5	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 3/8	25	5	5	590x750x215	15
RAF-50QH8	Floor Mounted	5.0	6.7	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 1/2	25	5	5	590x750x215	15
RAD-18NH7A	Ducted	2.0	2.5	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 3/8	25	5	5	235x750x400	19
RAD-25NH7A	Ducted	2.5	3.6	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 3/8	25	5	5	235x750x400	19
RAD-35NH7A	Ducted	3.5	4.5	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 3/8	25	5	5	235x750x400	19
RAD-50NH7A	Ducted	5.0	6.7	Outdoor	1 Ph	n/a	2 + E	n/a	1/4 1/2	25	5	5	235x750x400	19

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