

◆ **UTOPIA IVX Prime with R32 refrigerant for single phase units**

OUTDOOR UNITS		RAS-4HVRP2E	RAS-5HVRP2E	RAS-6HVRP2E
Power supply	-	1~ 230V 50Hz	1~ 230V 50Hz	1~ 230V 50Hz
Nominal cooling capacity	kW	10.0	12.5	14.0
Nominal heating capacity	kW	11.2	14.0	16.0
Minimum - Maximum connectable indoor units	-	1 - 4	1 - 4	1 - 4
Minimum - Maximum connected capacity	%	90% - 115%	90% - 115%	90% - 115%
Noise level cooling (sound pressure) (night mode)	dB(A)	54 (51)	56 (51)	56 (51)
Noise level heating (sound pressure)	dB(A)	54	56	56
Noise level (sound power)	dB(A)	70	72	72
Air flow (cooling / heating)	m³/min	80	80	80
Dimensions (H x W x D)	mm	1140 x 950 x 370	1140 x 950 x 370	1140 x 950 x 370
Net weight	kg	84	84	84
Recommended circuit breaker	A	25	25	25
Maximum current	A	22.5	22.5	22.5
Running current cooling	A	12.1	16.5	21.1
Running current heating	A	12.6	16.4	17.6
Size of power cable (according to EN 60335-1)	quantity x mm²	3 x 6.0	3 x 6.0	3 x 6.0
Size of transmission cable between indoor unit and outdoor unit	quantity x mm²	2 x 0.75	2 x 0.75	2 x 0.75
Piping diameter (liquid / gas)	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
Minimum piping length	m	5	5	5
Maximum piping length (chargeless)	m	20	20	20
Maximum piping length	m	75	75	75
Height difference (higher OU / lower OU)	m	30 / 20	30 / 20	30 / 20
Refrigerant	-	R32	R32	R32
Refrigerant charge before shipment	kg	3	3	3
Additional refrigerant charge needed	g/m	45	45	45
Compressor type	-	Rotative DC Inverter driven	Rotative DC Inverter driven	Rotative DC Inverter driven

◆ **UTOPIA IVX Prime with R32 refrigerant for three phase units**

OUTDOOR UNITS		RAS-4HRP2E	RAS-5HRP2E	RAS-6HRP2E
Power supply	-	3N~ 400V 50Hz	3N~ 400V 50Hz	3N~ 400V 50Hz
Nominal cooling capacity	kW	10.0	12.5	14.0
Nominal heating capacity	kW	11.2	14.0	16.0
Minimum - Maximum connectable indoor units	-	1 - 4	1 - 4	1 - 4
Minimum - Maximum connected capacity	%	90% - 115%	90% - 115%	90% - 115%
Noise level cooling (sound pressure) (night mode)	dB(A)	54 (51)	56 (51)	56 (51)
Noise level heating (sound pressure)	dB(A)	54	56	56
Noise level (sound power)	dB(A)	70	72	72
Air flow (cooling / heating)	m³/min	80	80	80
Dimensions (H x W x D)	mm	1140 x 950 x 370	1140 x 950 x 370	1140 x 950 x 370
Net weight	kg	86	86	86
Recommended circuit breaker	A	20	20	20
Maximum current	A	15	15	15
Running current cooling	A	4.3	5.8	7.4
Running current heating	A	4.4	5.8	6.2
Size of power cable (according to EN 60335-1)	quantity x mm²	5 x 4.0	5 x 4.0	5 x 4.0
Size of transmission cable between indoor unit and outdoor unit	quantity x mm²	2 x 0.75	2 x 0.75	2 x 0.75
Piping diameter (liquid / gas)	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
Minimum piping length	m	5	5	5
Maximum piping length (chargeless)	m	20	20	20
Maximum piping length	m	75	75	75
Height difference (higher OU / lower OU)	m	30 / 20	30 / 20	30 / 20
Refrigerant	-	R32	R32	R32
Refrigerant charge before shipment	kg	3	3	3
Additional refrigerant charge needed	g/m	45	45	45
Compressor type	-	Rotative DC Inverter driven	Rotative DC Inverter driven	Rotative DC Inverter driven

◆ **UTOPIA IVX Prime with R410A refrigerant for single phase units**

OUTDOOR UNITS		RAS-4HVNP2E	RAS-5HVNP2E	RAS-6HVNP2E
Power supply	-	1~ 230V 50Hz	1~ 230V 50Hz	1~ 230V 50Hz
Nominal cooling capacity	kW	10.0	12.5	14.0
Nominal heating capacity	kW	11.2	14.0	16.0
Minimum - Maximum connectable indoor units	-	1 - 4	1 - 4	1 - 4
Minimum - Maximum connected capacity	%	90% - 115%	90% - 115%	90% - 115%
Noise level cooling (sound pressure) (night mode)	dB(A)	54 (51)	56 (51)	56 (51)
Noise level heating (sound pressure)	dB(A)	54	56	56
Noise level (sound power)	dB(A)	70	72	72
Air flow (cooling / heating)	m³/min	80	80	80
Dimensions (H x W x D)	mm	1140 x 950 x 370	1140 x 950 x 370	1140 x 950 x 370
Net weight	kg	84	84	84
Recommended circuit breaker	A	25	25	25
Maximum current	A	22.5	22.5	22.5
Running current cooling	A	13.6	18.5	23.7
Running current heating	A	12.4	16.4	17.6
Size of power cable (according to EN 60335-1)	quantity x mm²	3 x 6.0	3 x 6.0	3 x 6.0
Size of transmission cable between indoor unit and outdoor unit	quantity x mm²	2 x 0.75	2 x 0.75	2 x 0.75
Piping diameter (liquid / gas)	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
Minimum piping length	m	5	5	5
Maximum piping length (chargeless)	m	20	20	20
Maximum piping length	m	75	75	75
Height difference (higher OU / lower OU)	m	30 / 20	30 / 20	30 / 20
Refrigerant	-	R410A	R410A	R410A
Refrigerant charge before shipment	kg	3.2	3.2	3.2
Additional refrigerant charge needed	g/m	60	60	60
Compressor type	-	Rotative DC Inverter driven	Rotative DC Inverter driven	Rotative DC Inverter driven

◆ **UTOPIA IVX Prime with R410A refrigerant for three phase units**

OUTDOOR UNITS		RAS-4HNP2E	RAS-5HNP2E	RAS-6HNP2E
Power supply	-	3N~ 400V 50Hz	3N~ 400V 50Hz	3N~ 400V 50Hz
Nominal cooling capacity	kW	10.0	12.5	14.0
Nominal heating capacity	kW	11.2	14.0	16.0
Minimum - Maximum connectable indoor units	-	1 - 4	1 - 4	1 - 4
Minimum - Maximum connected capacity	%	90% - 115%	90% - 115%	90% - 115%
Noise level cooling (sound pressure) (night mode)	dB(A)	54 (51)	56 (51)	56 (51)
Noise level heating (sound pressure)	dB(A)	54	56	56
Noise level (sound power)	dB(A)	70	72	72
Air flow (cooling / heating)	m³/min	80	80	80
Dimensions (H x W x D)	mm	1140 x 950 x 370	1140 x 950 x 370	1140 x 950 x 370
Net weight	kg	86	86	86
Recommended circuit breaker	A	20	20	20
Maximum current	A	15	15	15
Running current cooling	A	4.8	6.5	8.3
Running current heating	A	4.3	5.8	6.2
Size of power cable (according to EN 60335-1)	quantity x mm²	5 x 4.0	5 x 4.0	5 x 4.0
Size of transmission cable between indoor unit and outdoor unit	quantity x mm²	2 x 0.75	2 x 0.75	2 x 0.75
Piping diameter (liquid / gas)	mm (inch)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)	Ø9.52 (3/8) / Ø15.88 (5/8)
Minimum piping length	m	5	5	5
Maximum piping length (chargeless)	m	20	20	20
Maximum piping length	m	75	75	75
Height difference (higher OU / lower OU)	m	30 / 20	30 / 20	30 / 20
Refrigerant	-	R410A	R410A	R410A
Refrigerant charge before shipment	kg	3.2	3.2	3.2
Additional refrigerant charge needed	g/m	60	60	60
Compressor type	-	Rotative DC Inverter driven	Rotative DC Inverter driven	Rotative DC Inverter driven