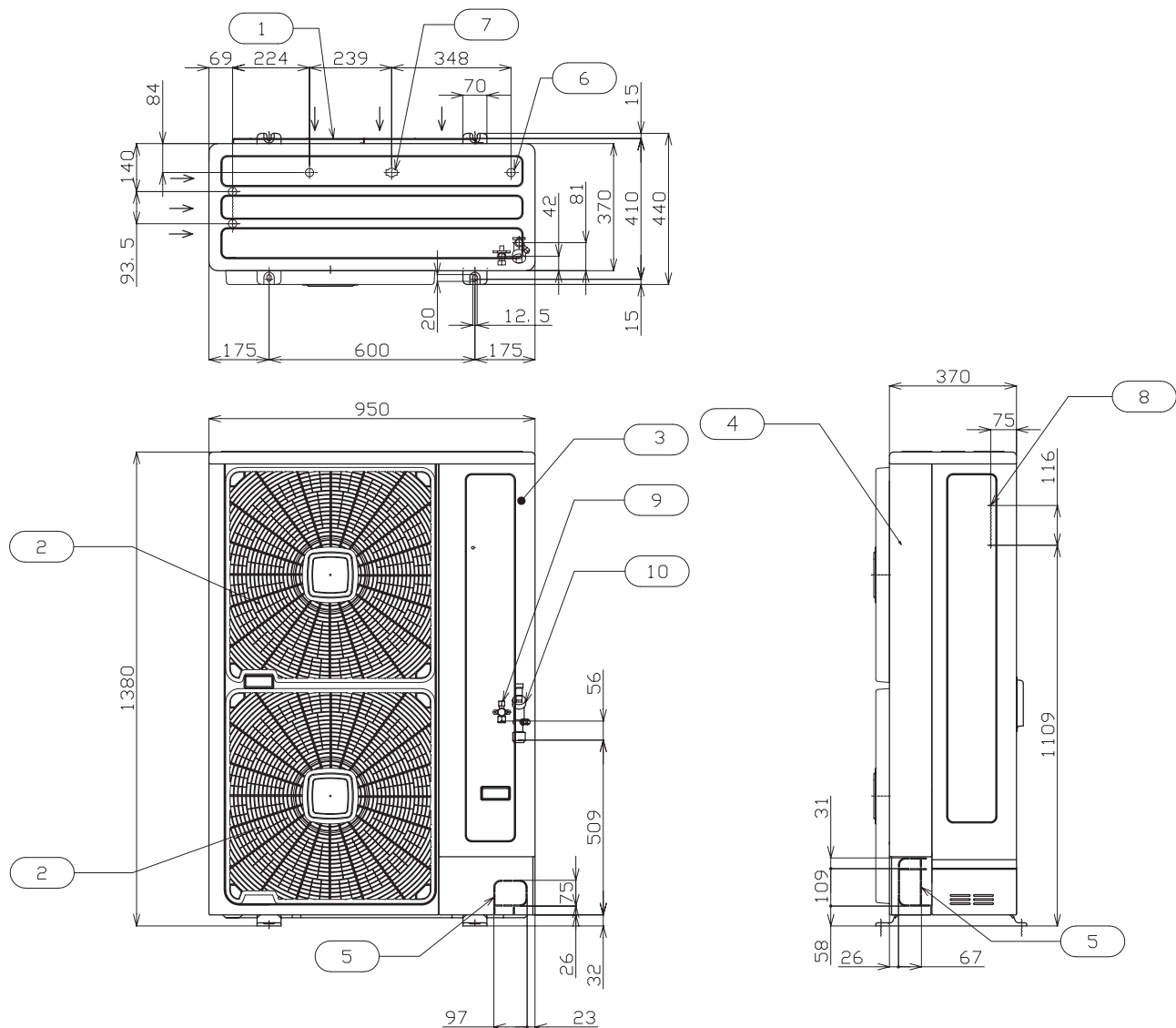


Outdoor unit		RAS-8HRNSE	RAS-10HRNSE
Power supply	-	3N~ 400V 50Hz	3N~ 400V 50Hz
Nominal cooling capacity (min-max)	kW	20.0 (9.0-22.4)	25.0 (11.2-28.0)
Nominal heating capacity (min-max)	kW	22.4 (8.3-25.0)	28.0 (9.0-31.5)
EER (*)		3.01	2.81
COP (*)		3.42	3.21
Minimum - Maximum indoor units connectable	-	1 - 4	1 - 4 (Not possible 3)
Noise level cooling (sound pressure) (night mode)	dB(A)	53(51)	60(56)
Noise level heating (sound pressure)	dB(A)	55	62
Noise level (sound power)	dB(A)	71	78
Air flow (cooling / heating)	m³/min	127 / 127	146 / 146
Dimensions (H x W x D)	mm	1380 x 950 x 370	1380 x 950 x 370
Net weight	kg	135	141
Recommended circuit breaker	A	32	32
Starting current	A	Less than maximum current	Less than maximum current
Maximum current	A	20.0	23.0
Running current cooling	A	10.7	14.6
Running current heating	A	9.9	13.5
Power cable size (according to EN 60335-1)	quantity x mm²	5 x 6.0	5 x 6.0
Transmitting cable size between indoor unit and outdoor unit	quantity x mm²	2 x 0.75	2 x 0.75
Piping diameter (liquid / gas)	mm (inch)	Ø9.52 (3/8) / Ø25.4 (1)	Ø9.52 (1/2) (A) / Ø25.4 (1)
Minimum piping length	m	5	5
Maximum piping length chargeless	m	30	30
Maximum piping length (additional refrigerant charge needed)	m (g/m)	50 (65)	50 (120)
Height difference (OU higher / OU lower)	m	30 / 20	30 / 20
Working range (cooling // heating)	°C	-5 / +43 (DB) // -10 / +15(WB)	-5 / +43 (DB) // -10 / +15(WB)
Refrigerant	-	R410A	R410A
Refrigerant charge before shipment	kg	6.0	6.2
Compressor type	-	Scroll DC Inverter driven	Scroll DC Inverter driven
Remote control model (Optional)		PC-ART / PC-ARF	PC-ART / PC-ARF

(*) COP and EER data are specified for RCI-FSN3Ei (x2) indoor units combination.

(A) When the piping length is over 30 m, Ø12.7 (1/2) pipe is required.

6.1.3 RAS-(8-10)HRNSE


Units in mm.

No.	Description	Remarks
1	Air inlet	—
2	Air outlet	—
3	Service cover	—
4	Electrical switch box	—
5	Holes for refrigerant piping and electrical wiring piping	—
6	Drain holes	4-Ø24
7	Drain holes	1-Ø26
8	Holes for fixing machine to wall	4-(M5)
9	Refrigerant liquid pipe	Flare nut: Ø9.52 (3/8")
10	Refrigerant gas pipe	Flare nut: Ø25.4 (1")

