

Cost Saving

Comfort

An efficient use of time

TOSHIBA

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TCC-SDI 2017/04



**TOSHIBA**  
Leading Innovation >>>



SUPER  
DIGITAL INVERTER

Super  
Digital Inverter



Inverter Air Conditioning for Light Commercial Use



Made In Japan  
Applicable to certain models.



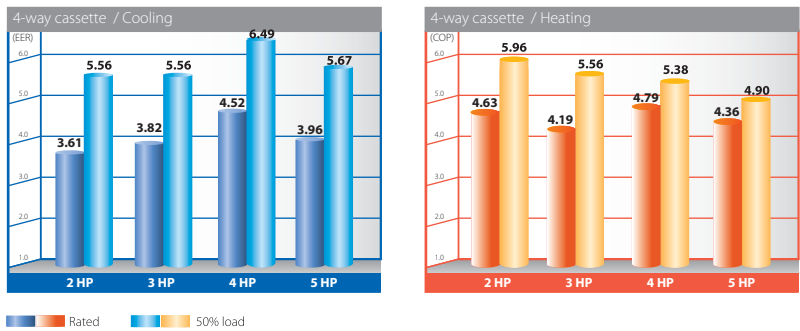
Super Digital Inverter

Toshiba Super Digital Inverter series air conditioners combine economy and ecology in a compact body. They feature state-of-the-art technology, flexible control, and easy installation to bring natural comfort and convenience to any business environment. A complete range of indoor units: Cassette, Ducted, Ceiling and High wall units.

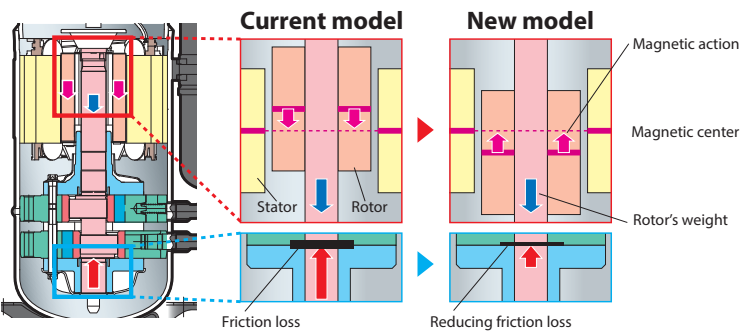
Superior EER

Very efficient energy consumption, Keeps down operating costs. EER of 4.52\* and COP of 4.79\* achieved by Toshiba's unrivalled Super Digital Inverter technologies and newly developed components.

\*4HP outdoor unit  
International model



The industry's first magnetic-action control



The new structure allows a huge reduction in energy loss. The balanced magnetic-action force to rise and the rotor's weight minimized the friction laid on the axis provides excellent operation efficiency.

ECO-driving DC twin rotary



R410A refrigerant

An ozone layer depletion coefficient of zero has become absolutely essential for an advanced air conditioning system.

Vector-controlled inverter

Vector IPDU control changes the motor current wave to a smooth sine pattern so that noise emitted from the drive units is greatly reduced.

High efficiency heat-transfer (flat fin)

Heat-transfer tube with improved heat-transfer coefficient.

DC fan motor

Highly Efficient DC Motor.

Bat wing fan

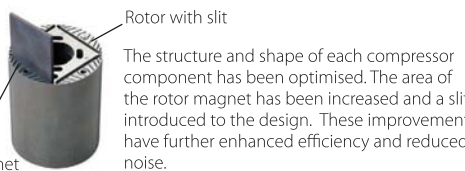
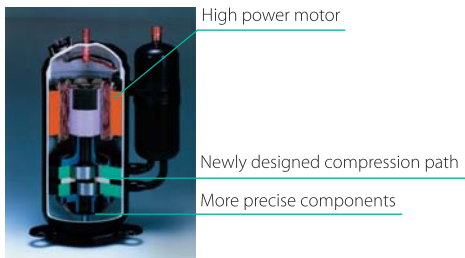
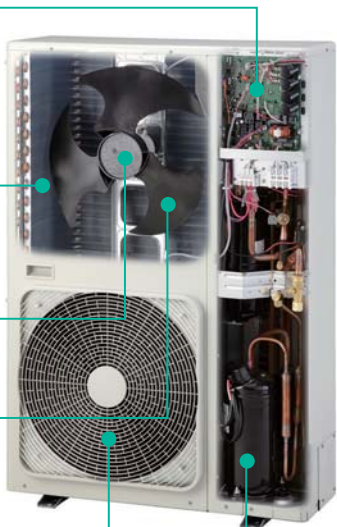
New development for high-pressure low-volume fan.

Wide-flow grille

Optimizing ventilation performance, Bringing out the full effect of fan and motor.

DC twin rotary compressor

A low minimum speed of 10 rps has been achieved.



Note: Actual component may vary considerably from specifications depending on product model.

Remote Controllers

Toshiba Digital Inverters operated with an easy-to-use remote controller.

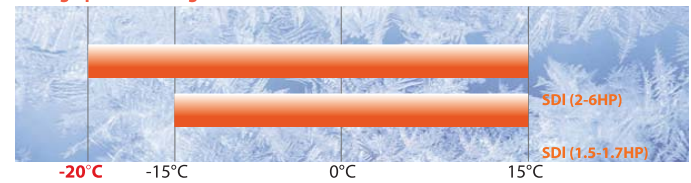
Indoor unit	4-Way Cassette RAV-SM**4UTP-E	Ducted RAV-SM**6BTP-E	Under Ceiling RAV-SM**7CTP-E	High-Wall RAV-SM**6KRT-E
Remoto controller RBC-AX32U(W)-E Wireless remote controller kit	*			
RBC-AX32CE2 Wireless remote controller kit			*	
TCB-AX32E2 Wireless remote controller kit		*		*
RBC-AMS51E-EN Lite-Vision plus remote controle	*	*	*	*
RBC-AMT32E Wired remote controller	*	*	*	*
RBC-EXW21E Weekly timer	*	*	*	*
TCB-SC642TLE2 Central remote controller	*	*	*	*
WH-L11SE Wireless remote controller				*

Note: To link to CRC Control, a net adapter interface card is required - model TCB-PCNT30TLE2

## Operating temperature range

Heater operation is possible starting from an outdoor temperature of  $-20^{\circ}\text{C}$  creates a comfortable space even during cold winters, while cooling operation is possible at  $-15^{\circ}\text{C}$  outdoor temperature. This enables wider applications and use of the system in colder regions.

Heating operation range

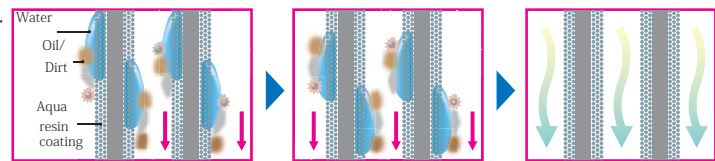


Heating:  $^{\circ}\text{C WB}$

## Self-Clean operation-Continuing high performance for energy saving

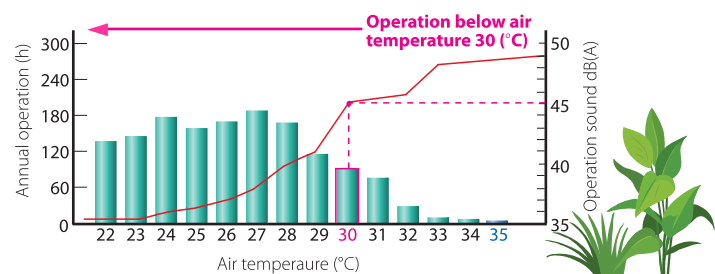
This enables indoor unit type and Ceiling type to maintain energy efficiency at the time of purchase for a long time. The mechanism of the wash-off

1. The aqua resin coating prevents dirt from sticking to the fins.
2. The condensation water flows and washes away dirt.
3. After washing, a drying operation suppresses the propagation of mold.



## Quiet operation

Low-noise design. If the outdoor temperature is  $30^{\circ}\text{C}$  or less, operates at under 45dB(A). It's possible to automatically operate the quiet operation mode below  $35^{\circ}\text{C}$  air temperature.



## Frost protection

$8^{\circ}\text{C}$  operation for frost protection is possible for the combination with Super Digital Inverter. (4-Way and Slim Duct series 4)

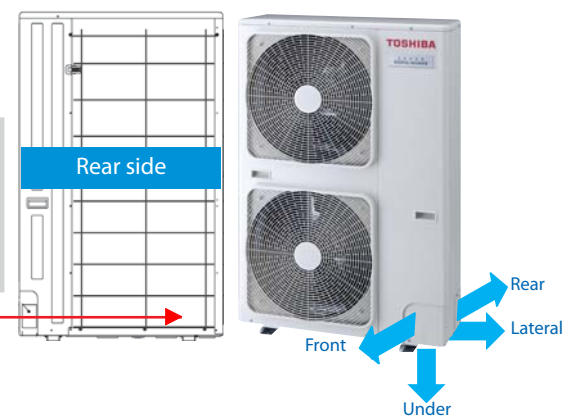
## Sub cool path

Improve reliability for smooth drainage. The outdoor unit of Super Digital Inverter is equipped with "Sub cool path" preventing freeze under a heat exchanger. (Only 3HP to 6HP)



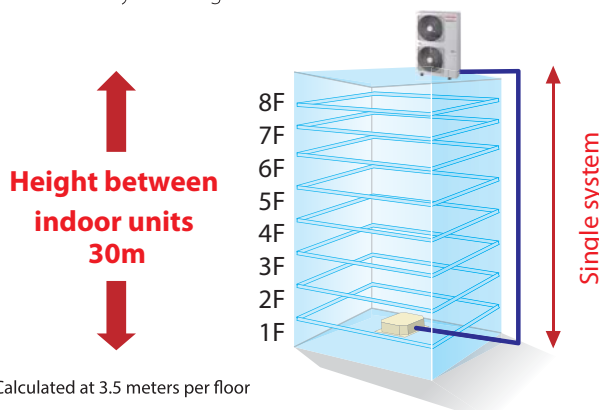
Sub cool path

## Piping panel taken out in 4 directions



## Height Difference

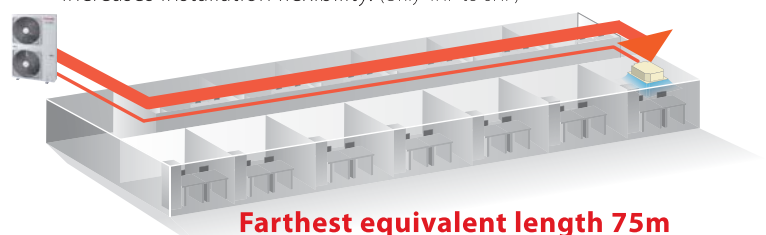
Super Digital Inverter leads the industry with support for height differences of up to 30 meters on a single system. That is enough height to cover an 8-story building.



Calculated at 3.5 meters per floor

## Compatible with pipes up to 75 meters long

Enable the outdoor unit to be installed out of sight increases installation flexibility. (Only 4HP to 6HP)



Farthest equivalent length 75m

## 1. combination

type		4way cassette				4way cassette (with twin kit)	
system-type		SDI	SDI	SDI	SDI	SDI	SDI
indoor-type		4way	4way	4way	4way	4way	4way
capacity	hp	2	3	4	5	2x2	3x2
indoor		RAV-SP564UTP-E	RAV-SM804UTP-E	RAV-SM1104UTP-E	RAV-SM1404UTP-E	RAV-SM564UTP-E	RAV-SM804UTP-E
Qty-indoor unit		1	1	1	1	2	2
outdoor		RAV-SP564ATP-SG	RAV-SP804ATP-SG	RAV-SP1104AT-SG	RAV-SP1404AT-SG	RAV-SP1104AT-SG	RAV-SP1404AT-SG
controller (wireless)		RBC-AX32U(W)-E					
cooling capacity-rated	kW	4.8	5.8	9.7	11.2	4.8	5.8
cooling capacity-range	kW	<1.2 - 5.6>	<1.9 - 8.0>	<2.6 - 11.0>	<2.6 -14.0>	< 1.2 - 5.6 >	< 1.9 - 8.0 >
cooling power input-rated	kW	1.27	1.35	2.25	2.95	1.27	1.35
NEA tick	tick	√√√	√√√√	√√√√	√√√	√√√√	√√√
running current (230V)	A	5.6	6.2	12.53	16.8	5.6	6.2
flare connection main pipe (gas)	mm	12.7	15.9	15.9	15.9	12.7	15.9
flare connection main pipe (liquid)	mm	6.4	9.5	9.5	9.5	6.4	9.5
pipe length (min)	m	5	5	5	5	5	5
pipe length (max)	m	50	50	75	75	75	75
chargeless length	m	20	20	30	30	30	30
branch kit						RBC-TWP30E2	RBC-TWP50E2

## 2. indoors

model name		RAV-SM564UTP-E	RAV-SM804UTP-E	RAV-SM1104UTP-E	RAV-SM1404UTP-E	RAV-SM564UTP-E × 2	RAV-SM804UTP-E × 2
indoor		4way	4way	4way	4way	4way	4way
capacity	hp	2	3	4	5	2x2	3x2
air flow-H	m3/h	1,050	1,230	2,010	2,100	1,050	1,230
air flow-M	m3/h	870	960	1,440	1,440	870	960
air flow-L	m3/h	780	810	1,170	1,230	780	810
sound pressure level (L)/(M)/(H)	dB	28 / 29 / 32	28 / 31 / 35	33 / 38 / 43	34 / 38 / 44	28 / 29 / 32	28 / 31 / 35
dimension (H X W X D)	mm	256 × 840 × 840	256 × 840 × 840	319 × 840 × 840	319 × 840 × 840	256 × 840 × 840	256 × 840 × 840
weight	kg	20	20	24	24	20	20
panel model name		RBC-U31PG(W)-E	RBC-U31PG(W)-E	RBC-U31PG(W)-E	RBC-U31PG(W)-E	RBC-U31PG(W)-E	RBC-U31PG(W)-E
panel dimension (H × W × D)	mm	30 × 950 × 950	30 × 950 × 950	30 × 950 × 950	30 × 950 × 950	30 × 950 × 950	30 × 950 × 950
panel weight	kg	4.2	4.2	4.2	4.2	4.2	4.2
fan type		turbo fan	turbo fan	turbo fan	turbo fan	turbo fan	turbo fan
fan motor	W	14	20	68	72	14	20
air filter		Long life filter	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter
attached remote controller (wireless)		RBC-AX32U(W)-E					
power input-max(for name Plate)	W	40	40	120	120	40	40

## 3. outdoor

model name		RAV-SP564ATP-SG	RAV-SP804ATP-SG	RAV-SP1104AT-SG	RAV-SP1404AT-SG	RAV-SP1104AT-SG	RAV-SP1404AT-SG
outdoor-type		DI	DI	DI	DI	DI	DI
capacity	hp	2	3	4	5	4	5
phase		1	1	1	1	1	1
power supply	V	230	230	230	230	230	230
power supply (Hz)	Hz	50	50	50	50	50	50
air-flow	m3/hr	2,400	3,000	6,060	6,180	6,060	6,180
sound pressure level	dB	48	49	50	52	50	52
dimension (H × W × D)	mm	550 × 780 × 290	890 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320
weight	kg	44	66	93	93	93	93
compressor type		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
fan motor output	w	43	43	100	100	100	100
Refrigerant Quantity in Outdoorunit	kg	1.4	2.1	3.1	3.1	3.1	3.1
Additional refrigerant charge	g/m	20	40	40	40	40	40
power input-max(for NamePlate)	kw	3.19	4.84	4.87	4.87	4.87	4.87
installation fuse rating	A	16	25	25	25	25	25
power wire	mm2	1.5	2.5	2.5	2.5	2.5	2.5
indoor/outdoor connecting wire	mm2	1.5	1.5	1.5	1.5	1.5	1.5

## 1. combination

type		Hi Wall		Hi Wall (with Twin Kit)	
system-type		SDI	SDI	SDI	SDI
indoor-type		high wall	high wall	high wall	high wall
capacity	hp	2	3	2×2	3×2
indoor		<b>RAV-SM566KRT-E</b>	<b>RAV-SM806KRT-E</b>	<b>RAV-SM566KRT-E</b>	<b>RAV-SM806KRT-E</b>
Qty-indoor unit		1	1	2	2
outdoor		<b>RAV-SP564ATP-SG1</b>	<b>RAV-SP804ATP-SG1</b>	<b>RAV-SP1104AT-SG1</b>	<b>RAV-SP1404AT-SG1</b>
cooling capacity-rated	kW	4.8	6.8	4.8	6.8
cooling capacity-range	kW	< 1.2 - 5.6 >	< 1.9 - 8.0 >	< 1.2 - 5.6 >	< 1.9 - 8.0 >
cooling power input-rated	kW	1.43	2.01	1.43	2.01
NEA tick	tick	√/√	√/√	√/√/√	√/√
running current (230V)	A	6.36	9.15	6.36	9.15
flare connection main pipe (gas)	mm	12.7	15.9	12.7	15.9
flare connection main pipe (liquid)	mm	6.4	9.5	6.4	9.5
pipe length (min)	m	5	5	5	5
pipe length (max)	m	50	50	75	75
chargeless length	m	20	20	30	30
branch kit				RBC-TWP30E2	RBC-TWP50E2

## 2. indoors

model name		<b>RAV-SM566KRT-E</b>	<b>RAV-SM806KRT-E</b>	<b>RAV-SM566KRT-E × 2</b>	<b>RAV-SM806KRT-E × 2</b>
indoor-type		high wall	high wall	high wall	high wall
capacity	hp	2	3	2×2	3×2
air flow-H	m³/h	840	1,020	840	1,020
air flow-M	m³/h	750	750	750	750
air flow-L	m³/h	660	660	660	660
sound pressure level (L) / (M) / (H)	dB	36 / 39 / 42	36 / 41 / 47	36 / 39 / 42	36 / 41 / 47
dimension (H × W × D)	mm	320 × 1050 × 228	320 × 1050 × 228	320 × 1050 × 228	320 × 1050 × 228
weight	kg	12	12	12	12
fan type		cross flow fan	cross flow fan	cross flow fan	cross flow fan
fan motor output	W	30	30	30	30
air filter		Attached	Attached	Attached	Attached
attached remote controller (wireless)		WH-L11SE	WH-L11SE	WH-L11SE	WH-L11SE
power input-max(for NamePlate)	W	50	70	50	70

## 3. outdoors

model name		<b>RAV-SP564ATP-SG1</b>	<b>RAV-SP804ATP-SG1</b>	<b>RAV-SP1104AT-SG1</b>	<b>RAV-SP1404AT-SG1</b>
outdoor-type	SDI	SDI	SDI	SDI	SDI
capacity	hp	2	3	4	5
phase	1	1	1	1	1
power supply	v	230	230	230	230
power supply (Hz)	Hz	50	50	50	50
air flow	m³/h	2,400	3,000	6,060	6,180
sound pressure level	dB	48	49	50	52
dimension (H × W × D)	mm	550 × 780 × 290	890 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320
weight	kg	44	66	93	93
compressor type		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
fan motor output	W	43	43	100	100
Refrigerant Quantity in Outdoorunit	kg	1.4	2.1	3.1	3.1
Additional refrigerant charge	g/m	20	40	40	40
power input-max(for NamePlate)	kw	3.19	4.84	4.87	4.87
installation fuse rating	A	16	25	25	25
power wire	mm²	1.5	2.5	2.5	2.5
indoor/outdoor connecting wire	mm²	1.5	1.5	1.5	1.5

## 1. combination

type		Standard ducted				Standard ducted (with Twin Kit)	
system-type		SDI	SDI	SDI	SDI	SDI	SDI
indoor-type		duct	duct	duct	duct	duct	duct
capacity rank	hp	2	3	4	5	2x2	3x2
indoor		RAV-SM566BTP-E	RAV-SM806BTP-E	RAV-SM1106BTP-E	RAV-SM1406BTP-E	RAV-SM566BTP-E	RAV-SM806BTP-E
Qty-indoor unit		1	1	1	1	2	2
outdoor		RAV-SP564ATP-SG1	RAV-SP8034ATP-SG1	RAV-SP1104AT-SG1	RAV-SP1404AT-SG1	RAV-SP1104AT-SG1	RAV-SP1404AT-SG1
controller (wired)		RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
cooling capacity-rated	kW	5.0	7.1	10.0	12.5	5.0	7.1
cooling capacity-range	kW	< 1.2 - 5.6 >	< 1.9 - 8.0 >	< 2.6 - 12.0 >	< 2.6 - 14.0 >	< 1.2 - 5.6 >	< 1.9 - 8.0 >
cooling power input-rated	kW	1.4	2.1	2.64	3.74	1.49	2.1
running current (230V)	A	6.54	9.45	11.7	16.6	6.54	9.45
flare connection main pipe (gas)	mm	12.7	15.9	15.9	15.9	12.7	15.9
flare connection main pipe (liquid)	mm	6.4	9.5	9.5	9.5	6.4	9.5
pipe length (min)	m	5	5	5	5	5	5
pipe length (max)	m	50	50	75	75	75	75
chargeless length	m	20	20	30	30	30	30
branch kit						RBC-TWP30E2	RBC-TWP50E2

## 2. indoors

model name		RAV-SM566BTP-E	RAV-SM806BTP-E	RAV-SM1106BTP-E	RAV-SM1406BTP-E	RAV-SM566BTP-E × 2	RAV-SM806BTP-E × 2
indoor-type		duct	duct	duct	duct	duct	duct
capacity	hp	2	3	4	5	2x2	3x2
air flow-H	m³/h	800	1,200	2,100	2,100	800	1200
air flow-M	m³/h	630	930	1,650	1,650	630	930
air flow-L	m³/h	480	720	1,260	1,260	480	720
sound pressure level (L)/(M)/(H)	dB	25 / 29 / 33	26 / 30 / 34	33 / 36 / 40	33 / 36 / 40	25 / 29 / 33	26 / 30 / 34
dimension (H × W × D)	mm	275 × 700 × 750	275 × 1000 × 750	275 × 1400 × 750	275 × 1400 × 750	275 × 700 × 750	275 × 1000 × 750
weight	kg	23	30	40	40	23	30
external static pressure (std)	Pa	40	40	40	40	40	40
external static pressure (upper)	Pa	120	120	120	120	120	120
external static pressure (lower)	Pa	30	30	30	30	30	30
fan type		centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan
fan motor output		120	120	120	120	120	120
air filter		Long life filter	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter
attached remote controller (wired)		RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
power input-max(for NamePlate)	w	150	150	250	250	150	150

## 3. outdoors

model name		RAV-SP564ATP-SG	RAV-SP804ATP-SG	RAV-SP1104AT-SG	RAV-SP1404AT-SG	RAV-SP1104AT-SG	RAV-SP1404AT-SG
outdoor-type		SDI	SDI	SDI	SDI	SDI	SDI
capacity rank	hp	2.0	3.0	4.0	4.0	5.0	5.0
phase		1	1	1	1	1	1
power supply	v	230	230	230	230	230	230
power supply (Hz)	Hz	50	50	50	50	50	50
air flow	m³/h	2,400	3,000	6,060	6,180	6,060	6,180
sound pressure level (cooling)	dB	48	49	50	52	50	52
dimension (H × W × D)	mm	550 × 780 × 290	890 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320
weight	kg	44	66	93	93	93	93
compressor type		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
fan motor output	w	43	43	100	100	100	100
Refrigerant Quantity in Outdoor unit	kg	1.4	2.1	3.1	3.1	3.1	3.1
Additional refrigerant charge	g/m	20	40	40	40	40	40
power input-max(for NamePlate)	kw	3.19	4.84	4.87	4.87	4.87	4.87
installation fuse rating	A	16	25	25	25	25	25
power wire	mm²	1.5	2.5	2.5	2.5	2.5	2.5
indoor/outdoor connecting wire	mm²	1.5	1.5	1.5	1.5	1.5	1.5

## 1. combination

type		Under ceiling				Under ceiling (with Twin Kit)	
system-type		SDI	SDI	SDI	SDI	SDI	SDI
indoor-type		ceiling	ceiling	ceiling	ceiling	ceiling	ceiling
capacity	hp	2	3	4	5	2×2	3×2
indoor		RAV-SM568CTP-E	RAV-SM808CTP-E	RAV-SM1108CTP-E	RAV-SM1408CTP-E	RAV-SM568CTP-E	RAV-SM808CTP-E
Qty-indoor unit		1	1	1	1	2	2
outdoor		RAV-SP564TP-SG1	RAV-SP804ATP-SG1	RAV-SP1104AT-SG1	RAV-SP1404AT-SG1	RAV-SP1104AT-SG1	RAV-SP1404AT-SG1
controller (wired)		RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
cooling capacity-rated	kW	5.0	7.1	10.0	12.5	5.0	7.1
cooling capacity-range		< 1.2 - 5.6 >	< 1.9 - 8.0 >	< 2.6 - 12.0 >	< 2.6 - 14.0 >	< 1.5 - 5.6 >	< 1.5 - 8.0 >
cooling power input-rated	kW	1.42	1.72	2.74	3.74	1.42	2.1
NEA tick	tick	√/	√/	√/√	√/	√/√	√/
running current (230V)	A	6.54	9.38	11.0	16.6	6.36	9.38
flare connection mian pipe (gas)	mm	12.7	15.9	15.9	15.9	12.7	15.9
flare connection main pipe (liquid)	mm	6.4	9.5	9.5	9.5	6.4	9.5
pipe length (min)	m	5	5	5	5	5	5
pipe length (max)	m	50	50	75	75	75	75
chargeless length	m	20	20	30	30	30	30
branch kit						RBC-TWP30E2	RBC-TWP50E2

## 2. indoors

model name		RAV-SM568CTP-E	RAV-SM808CTP-E	RAV-SM1108CTP-E	RAV-SM1408CTP-E	RAV-SM568CTP-E × 2	RAV-SM808CTP-E × 2
indoor-type		ceiling	ceiling	ceiling	ceiling	ceiling	ceiling
capacity rank	hp	2	3	4	5	2×2	3×2
air flow-H	m³/h	900	1,410	1,860	2,040	900	1,410
air flow-M	m³/h	720	1,002	1,350	1,530	720	1,002
air flow-L	m³/h	540	750	1,020	1,200	540	750
air-flow-H	m³/min	15.0	23.5	31.0	34.0	15.0	23.5
air-flow-M	m³/min	12.0	16.7	22.5	25.5	12.0	16.7
air-flow-L	m³/min	9.0	12.5	17.0	20.0	9.0	12.5
sound pressure level (L)/(M)/(H)	dB	28/35/37	29/36/41	32/38/44	35/41/46	28 / 35 / 37	29 / 36 / 41
dimmension (H × W × D)	mm	235 × 950 × 690	235 × 1,270 × 690	235 × 1,586 × 690	235 × 1,586 × 690	235 × 950 × 690	235 × 1,270 × 690
weight	kg	23	29	35	35	23	29
fan type		centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan
fan motor output		94	94	139	139	94	94
air filter		Long life filter	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter
attached remote controller (wired)		RBC-AMT32-E	RBC-AMT32-E	RBC-AMT32-E	RBC-AMT32-E	BBC-AMT32-E	BBC-AMT32-E
power input-max(for NamePlate)	W	94	94	150	150	94	94

## 3. outdoors

model name		RAV-SP564ATP-SG1	RAV-SP804ATP-SG1	RAV-SP1104AT-SG1	RAV-SP1404AT-SG1	RAV-SP1104AT-SG1	RAV-SP1404AT-SG1
outdoor-type		SDI	SDI	SDI	SDI	SDI	SDI
capacity rank		2	3	4	5	4	5
phase		1	1	1	1	1	1
power supply	v	230	230	230	230	230	230
power supply	(Hz)	50	50	50	50	50	50
air flow	m³/h	2,400	2,700	4,500	4,500	4,500	4,500
sound pressure level (cooling)	dB	48	49	50	52	50	52
dimension (H × W × D)	mm	550 × 780 × 290	890 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320
weight	kg	44	66	93	93	93	93
compressor type		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
fan motor output	w	43	43	100	100	100	100
Refrigerant Quantity in Outdoor unit	kg	1.4	2.1	3.1	3.1	3.1	3.1
Additional refrigerant charge	g/m	20	40	40	40	40	40
power wire	mm²	1.5	2.5	2.5	2.5	2.5	2.5
indoor/outdoor connecting wire	mm²	1.5	1.5	1.5	1.5	1.5	1.5



## 1. combination

type		Standard ducted (hi eff)				Standard ducted (with Twin Kit)	
system-type		SDI	SDI	SDI	SDI	SDI	SDI
indoor-type		duct	duct	duct	duct	duct	duct
capacity rank	hp	2	3	4	5	2x2	3x2
indoor		RAV-SM566BTP-E	RAV-SM806BTP-E	RAV-SM1106BTP-E	RAV-SM1406BTP-E	RAV-SM566BTP-E	RAV-SM806BTP-E
Qty-indoor unit		1	1	1	1	2	2
outdoor		RAV-SP564ATP-SG1	RAV-SP8034ATP-SG1	RAV-SP1104AT-SG1	RAV-SP1404AT-SG1	RAV-SP1104AT-SG1	RAV-SP1404AT-SG1
controller (wired)		RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
cooling capacity-rated	kW	4.8	5.8	9.7	11.2	4.8	6.1
cooling capacity-range	kW	< 1.2 - 5.6 >	< 1.9 - 8.0 >	< 2.6 - 11.0 >	< 2.6 - 14.0 >	< 1.2 - 5.6 >	< 1.9 - 8.0 >
cooling power input-rated	kW	1.42	1.72	2.74	3.74	1.42	1.72
running current (230V)	A	6.54	8.14	12.53	16.8	6.54	8.14
flare connection main pipe (gas)	mm	12.7	15.9	15.9	15.9	12.7	15.9
flare connection main pipe (liquid)	mm	6.4	9.5	9.5	9.5	6.4	9.5
pipe length (min)	m	5	5	5	5	5	5
pipe length (max)	m	50	50	75	75	75	75
chargeless length	m	20	20	30	30	30	30
branch kit						RBC-TWP30E2	RBC-TWP50E2

## 2. indoors

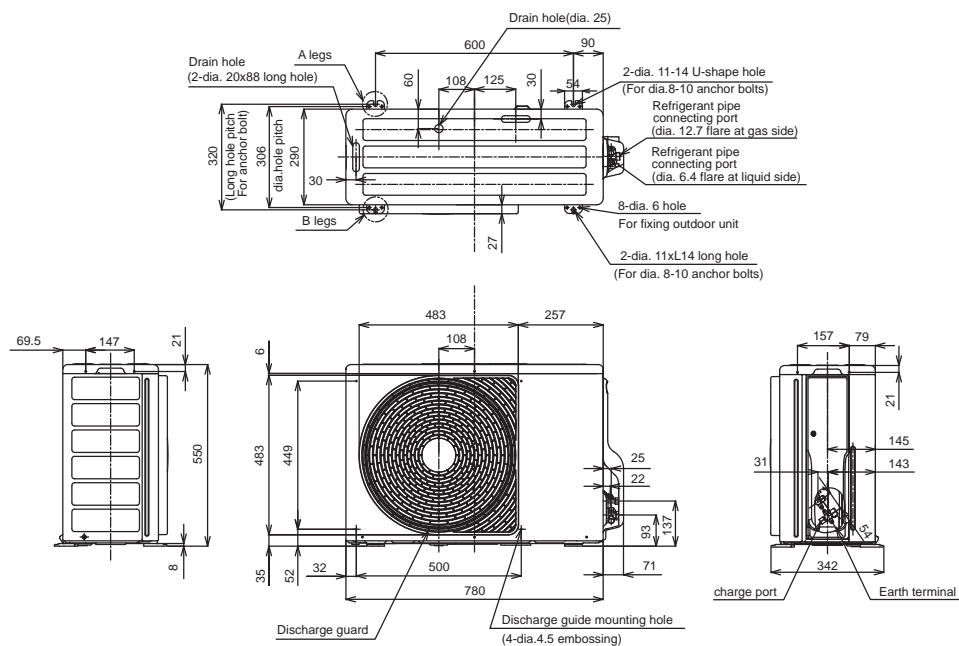
model name		RAV-SM566BTP-E	RAV-SM806BTP-E	RAV-SM1106BTP-E	RAV-SM1406BTP-E	RAV-SM566BTP-E × 2	RAV-SM806BTP-E × 2
indoor-type		duct	duct	duct	duct	duct	duct
capacity	hp	2	3	4	5	2x2	3x2
air flow-H	m³/h	800	1,200	2,100	2,100	800	1200
air flow-M	m³/h	630	930	1,650	1,650	630	930
air flow-L	m³/h	480	720	1,260	1,260	480	720
sound pressure level (L)/(M)/(H)	dB	25 / 29 / 33	26 / 30 / 34	33 / 36 / 40	33 / 36 / 40	25 / 29 / 33	26 / 30 / 34
dimension (H × W × D)	mm	275 × 700 × 750	275 × 1000 × 750	275 × 1400 × 750	275 × 1400 × 750	275 × 700 × 750	275 × 1000 × 750
weight	kg	23	30	40	40	40	40
external static pressure (std)	Pa	40	40	40	40	40	40
external static pressure (upper)	Pa	120	120	120	120	120	120
external static pressure (lower)	Pa	30	30	30	30	30	30
fan type		centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan	centrifugal fan
fan motor output		120	120	120	120	120	120
air filter		Long life filter	Long life filter	Long life filter	Long life filter	Long life filter	Long life filter
attached remote controller (wired)		RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E	RBC-AMT32E
power input-max(for NamePlate)	w	150	150	250	250	150	150

## 3. outdoors

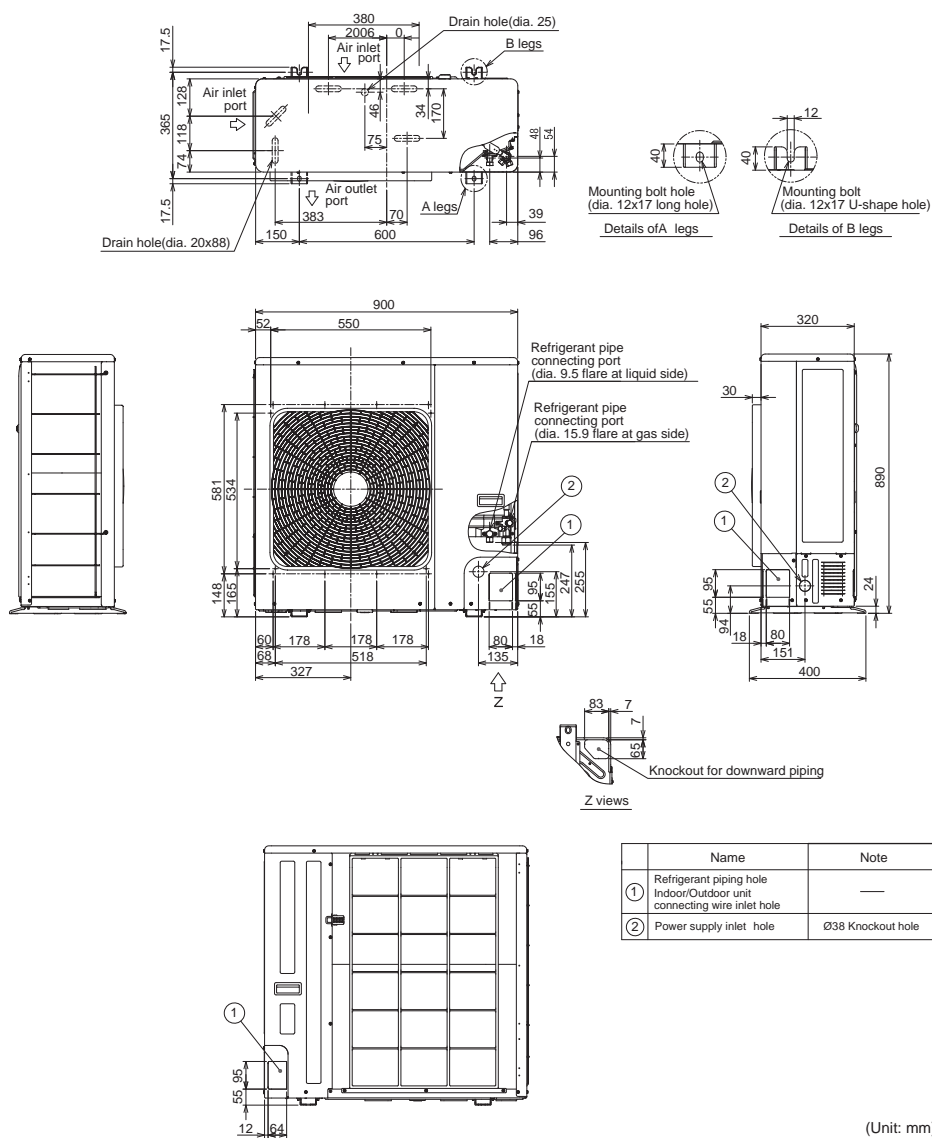
model name		RAV-SP564ATP-SG	RAV-SP804ATP-SG	RAV-SP1104AT-SG	RAV-SP1404AT-SG	RAV-SP1104AT-SG	RAV-SP1404AT-SG
outdoor-type		DI	DI	DI	DI	DI	DI
capacity rank	hp	2.0	3.0	4.0	4.0	5.0	5.0
phase		1	1	1	1	1	1
power supply	v	230	230	230	230	230	230
power supply (Hz)	Hz	50	50	50	50	50	50
air flow	m³/h	2,400	2,700	4,500	4,500	4,500	4,500
sound pressure level (cooling)	dB	48	49	50	52	50	52
dimension (H × W × D)	mm	550 × 780 × 290	890 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320	1340 × 900 × 320
weight	kg	44	66	93	93	93	93
compressor type		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
fan motor output	w	43	43	100	100	100	100
Refrigerant Quantity in Outdoor unit	kg	1.4	2.1	3.1	3.1	3.1	3.1
Additional refrigerant charge	g/m	20	40	40	40	40	40
power input-max(for NamePlate)	kw	3.19	4.84	4.87	4.87	4.87	4.87
installation fuse rating	A	16	25	25	25	25	25
power wire	mm²	1.5	2.5	2.5	2.5	2.5	2.5
indoor/outdoor connecting wire	mm²	1.5	1.5	1.5	1.5	1.5	1.5



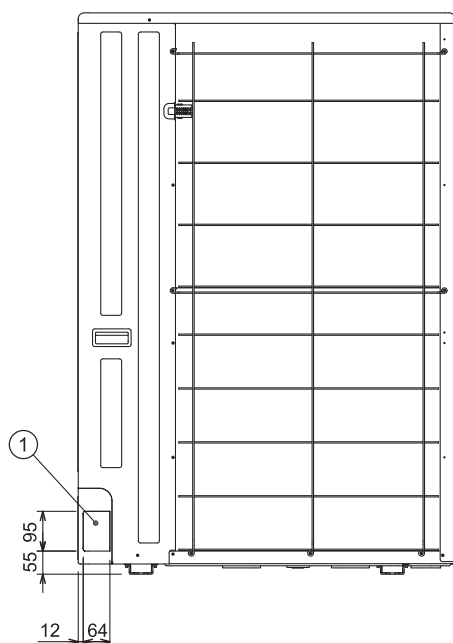
## SDI Super Digital Inverter 2HP : Outdoor unit drawings



## SDI Super Digital Inverter 3HP : Outdoor unit drawings



(Unit: mm)

[illegible]

(Unit: mm)

## Unit: mm

**Z view**

Bottom face of ceiling

Knockout for fresh air intake dia.150

408

Electric parts box

780 Hanging bolt pitch

950 Panel external dimension

323

416.5

690±20 Hanging bolt pitch

950 Panel external dimension

860 to 910 Ceiling open dimension

For branch duct knockout square hole 150 (diam.) (Also located on the back)

Hanging bolt M10 or W3/8 local arrange

196.5

480

163.5

223.5

256.5

384

105

351

137

183

105

120

30

16.5

29

170

152

236

1319

Bottom face of ceiling

Ceiling panel (Sold separately)

For branch duct knockout square hole 150 (diam.)

300 or less

Stand-up 661 or less\*

Stand-up 850 or less

Bottom face of ceiling

**Drain-up standing-up size**

Drain discharge port

241.5

72

106.5

263

157

337.5

105

397.5

189

129

30

44

112

172

Refrigerant pipe connecting port (Gas side)

Refrigerant pipe connecting port (Liquid side)

Wiring connection port

● Space required for installation

15 or more

1000 or more

15 or more

1000 or more

1000 or more

860 to 910 Ceiling open dimension

**Upper piping extake port \***

**Power supply cable intake port \*\***

**Piping extake port \*\***

**Drain port VP20**  
(Inner dia.62, hose supplied)

**Remote controller piping intake port \*\***

**Left drain size**

**Drain pipe connecting port**

**A(Hanging position)**

**Refrigerant pipe (Gas side)**

**Refrigerant pipe (Liquid side)**

**Remote controller cable intake port \*\***

**Power supply intake port \*\***

**Remote controller cable intake port \*\***

**Piping hole on the wall (dia.100 hole)**

**Air intake port dia.92 \*\***  
(Duct sold separately)

**Drain left piping extake port \*\***

**Z view**

**● Space required for installation and servicing**

Hanging bolt  
Ceiling surface  
Unit

Weight: 80 or more

Capacity class	A	B
55 type	855	910
80 type	1125	1180
120 to 140 type	1540	1595

(mm)

250 or more  
250 or more  
200mm  
(Front side to be positioned horizontally)

500 or more

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