

## Impression II + Super Inverter Multiple Split System



### SSP-PRC012-EN



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### Features and Benefits

Impression II + series is a 3rd generation of super inverter multiple split system. It adds innovative new technology to the proven performance of Impression I and Impression II. Impression II+ features a hermetic variable frequency compressor with low noise, high efficiency and minimum vibration and incorporates more advanced frequency converter technologies - subcooling and superheat adjustment and pressure control to provide peak performance of all key components under all operating conditions. The system is dependable, efficient, and energy saving.

#### **Control Method**

The system adopts superheat and subcooling control and pressure control. The electric expansion valve automatically adjusts and efficiently distributes refrigerant according to temperature in overall system. This ensures that the system works at optimal performance, indoor and outdoor units work efficiently together, and the system adjusts faster, with more precision and stability. Indoor temperature control accuracy is within 0.5°C.

#### **Free Configuration**

Indoor units are available in concealed, cassette, tall- floor and high-wall configuration. Users can select according to the space condition, which brings ease of installation to the installers and higher living quality to users. Meanwhile, indoor and outdoor unit could be configured flexibly in proportion of 20-135% capacity. The design allows up to 8 indoor units to be matched to a single outdoor unit.

#### **Intelligent Fan Control**

Impression II+ uses intelligent control of both the indoor and outdoor fan to save energy and improve noise management. The outdoor fan self-adjusts and switches to a low noise running mode during night sleeping periods if system operating conditions allow.

#### **Refnet Joint Connection**

The use of refnet joint connections simplifies field installation and saves space.

#### "Priority" Benefit

When some of indoor units have bigger load demands, while other indoor unit demand is less, the system will adjust refrigerant flow to balance cooling among indoor units. 10-20% energy can be transferred.

#### **Quick Heating and Cooling**

When quick heat/quick cool button is pressed, the unit will shift frequency to maximum capacity level to raise or lower room temperature to set point in a short time. Selected indoor unit capacity will be 20-40% higher than normal.

#### **Broader Operating range**

System can operate normally between  $-10^{\circ}C-50^{\circ}C$ .

#### **Broader Voltage Range**

Impression II+ requires a 220V~240V/50~60Hz/1ph power supply. The system will run normally under voltage range from 165V to 275V and has the ability to start up at low voltage (the system could start up with voltage 20% lower than standard).

#### Less Space Requirement for Installation

The system is designed to use one outdoor unit, which can be installed on balcony, corridor or rooftop etc.

## Logical Refrigerant Distribution

The electric expansion valve ensures each indoor unit receives appropriate refrigerant so that all indoor units run efficiently.

#### **Shorter Defrosting Time**

Defrosting function runs frequently to ensure on-time defrosting, which greatly improves heating comfort.

#### **Protections for Unexpected**

#### **Power Fluctuation**

Protects power supply and other electric appliances from being interfered.

#### 99% Power Factor

There is less VAR. The unit has more power output.

#### Liquid Crystal Display

The liquid crystal display controller has state-of-the-art appearance with desireable functions such as timer on/off, failure self-diagnosis, display of fan mode, compressor mode, cool/heat mode, and failure code etc. Users may select wired controller with or without wireless control card, or wireless controller to meet their individual requirements.



Outdoor

## Model Nomenclature Unit

$\frac{\mathbf{T}}{1}$ $\frac{\mathbf{W}}{2}$	<b>F</b> 3	<u>5</u> 4	<b>4</b> 5	<b>8</b> 6	<u>В</u> 7	<u>М</u> 8	<b>0</b> 9	<u>Е</u> 10	<u>Е</u> 11	<b>B</b> 12
Digit 1	T=Trane	е								
Digit 2	W=Hea	t Pump								
Digit 3	F=Free	Config	uration	Outdo	or Syste	em				
Digit 4	5=Flare									
Digit 5, 6	Capacit	y Code								
	18									
	24									
	42									
	48									
Digit 7	Design	Sequer	nce							
	В									
Digit 8	Power s	supply								
	M=220-	240V/5	0-60H	z/1Ph						
Digit 9	0=Stand	dard An	nbient	Tempe	rature					
Digit 10	E=With	Expans	sion De	evice						
Digit 11	Design	Change	Э							
	E=Fifth	design	(TWF	518/524	1/542/54	18)				
Digit 12	Service	Chang	е							
	B=Expc	ort								



## ModelIndoorNomenclatureUnit

Concealed

Tall-floor

Μ	W	D	5	1	2	G	Ν	/	Ν	В	Ν	В	R
1	2	3	4	5	6	7	8	3	9	10	11	12	13
Digit	1	M=Tran	e Mini	i-split	systei	m			sta	(indard)	)		
Digit	2	W=Heat	t Pum	р					B=Wired controller + wireless				
Digit	3	D=Cond	ealed						CO	ntrol ca	ard		
Digit	4	5=Flare					Digit	11	Ac	cessor	y Optio	on	
Digit	5, 6	Capacit	y Cod	е					N=	none			
		09, 12, <sup>-</sup>	18, 24						M=	=With	rear	air re	eturn
Digit	7	Design	Seque	ence					ple	num			
		G=Fre	e co	onfig	urati	on			A=	With re	ar air re	eturn pl	enum
		variable	e freq	uency	/ indo	oor			+ f	ilter			
		system,	with B	ΞXV					K=	With	bottom	n air r	eturn
Digit	8	Power S	Supply	/					ple	num			
		M=220-2	240V/	50-60	Hz/1	Ph			L=	With I	oottom	n air r	eturn
Digit	9	Electric	Heate	er					ple	num +	filter		
		N=None	e (Star	ndard)	)				(Fi	lter typ	e: nylo	on med	dia as
		C=1.0kV	N elec	tric he	eater (	for			sta	(ndard	)		
		MWD 509 only) Digit 12 Design Change											
		D=1.4k\	N elec	tric he	eater (	for			B=	Export			
		MWD 512 only)					Digit	13	Co	nnecti	on		
		F=1.8kV	V elec	tric he	eater (	for			L=	Left h	and (st	andard	(k
		MWD 5	18 onl	у)					R=	Right	hand		
		H=2.8k\	N elec	tric he	eater (	for			(Le	eft or r	ight co	onnecti	ion is
		MWD 52	24 onl	у)					ex	presse	d whe	n facin	g the
Digit	10	Controll	er Op	tion					air	flow th	ru the o	coil.)	
		A=Wire	ed co	ontrol	ler (	as							
8.4			~			0	~				•		•
IVI	VV	<u>v</u>	<u> </u>	<u> </u>		8	G	IV		N	<u>A</u>	<u>N</u>	B
1	2	3	4	5	5	6	7	8		9	10	11	12
Digit	1	M=Tran	e Mini	-split	Syste	m			N=	None	(Standa	ard)	
Digit	2	W=Heat	t Pum	р					B=	1.2kW	electri	c heate	er (for
Digit	3	V=Floor	Mour	nted					M٧	VD 518	3 only)		
Digit	4	5=Flare							F=	1.8kW	electri	c heate	er (for
Digit	5, 6	Capacity	y Cod	е					M٧	VD 524	1only)		
		18, 24					Digit	10	Со	ntrolle	r		
Digit	7	Design	Seque	ence					N=	None			
		G=Fre	e co	nfigu	urati	on			A=	Wirele	ss con	troller	
		variable	e freq	uency	/ indo	or	Digit	11	Ac	cessor	y Optic	on	
		system,	with E	EXV					N=	none			
Digit	8	Power S	Supply	,			Digit	12	De	sign C	hange		
		M=220-2	240V/	50-60	Hz/1 I	Ph			B=	Export			

Digit 9 Electric Heater



Indoor

## Model Indoo Nomenclature Unit

High-wall

Μ	W	W	5	1	8	G	Μ	N	Α	N	B
1	2	3	4	5	6	7	8	9	10	11	12
Digit 1M=Trane Mini-split SystemDigit 2W=Heat PumpDigit 3W=Wall MountedDigit 45=FlareDigit 5, 6Capacity Code091218						Digit	(For MWW524 only) 1= 220-240 V / 60Hz / 1 F (For MWW524 only) git 9 Electric Heater N=None (Standard) A=0.5kW electric heater (for MWW 509 & 512 only) git 10 Controller				1 Ph er (for
Digit 7 Digit 8		24 Design Sequence G=Free configuration variable frequency indoor system, with EXV Power Supply				Digit	11	A=Wireless controller (a standard) B=Wired controller+Wireles control card C=Wired controller Accessory Option			
Note: All	contro	M=220-24 (For MW\ and MWW B= 220-24	0V/50 N509, /518) 0 V / {	0-60Hz MWV 50Hz / idual op	z/1Ph V512 1 Ph tion	Digit	12	N=None Design B=Expo	e Change ort	)	

Cassette

Μ	W	<u>C</u>	<u>5</u>	<u>1</u>	8	<u>G</u>	Μ	N	<u>A</u>	N	B
1	2	3	4	5	6	7	8	9	10	11	12

Digit 1	M=Trane Mini-split System	Digit 9	Electric Heater
Digit 2	W=Heat Pump		N=none (Standard)
Digit 3	C=Cassette		F=1.8kW
Digit 4	5=Flare	Digit 10	Controller
Digit 5, 6	Capacity Code		A=Wireless controller (as
	18		standard)
	24		B=Wired controller+Wireless
Digit 7	Design Sequence		control card
	G=Free configuration		C=Wired controller
	variable frequency indoor	Digit 11	Accessory Option
	system, with EXV		N=None
Digit 8	Power Supply	Digit 12	Design Change
	M=220-240 V/50-60Hz/1 Ph		B=Export

Note: All controller options are individual option





Outdoor

Unit

## Technical Data

Outdoor	runit	TWF518	TWF524	TWF542	TWF548
	Kcal/Hr	4820	6790	10750	13080
Cooling capacity	Btu/h	19125	26980	42700	51900
	kW	5.6	7.9	12.5	15.2
	Kcal/Hr	6190	8000	13080	16600
Heating capacity	Btu/h	24600	31760	51900	65900
	kW	7.2	9.3	15.2	19.3
Power supply			220~240V/5	0~60Hz/1Ph	
Compressor	Туре		Hermetic freq	uency inverter	
Compressor	Number	1	1	2	2
Outdoor unit power	Cooling (kW)	2.50	2.95	4.57	5.48
Outdoor unit power	Heating (kW)	2.40	3.02	4.86	5.73
Current	Running (A)	11.5	16.5	25.0	33.0
Current	Starting (A)	3.0	4.0	7.0	8.0
Fan motor (axis style)	Number	1	1	2	2
	Air flow (m <sup>3</sup> /h)	3,100	3,100	5,500	5,500
Refrigerant	Туре		R	22	
Kongoran	Charge (Kg)	3.5	4	3.5+4	4+4
Pipe connection	Gas tube (inch)		5/	8"	
	Liquid tube (inch)		3/	8"	
	Height (mm)	876	876	1,284	1,284
Dimensions	Width (mm)	422	422	422	422
	Depth (mm)	1,028	1,028	1,028	1,028
Noise	dB(A)	60	60	62.5	62.5
Net weight	kg	84	84	170	180
Capacity coefficient			20~1	35%	

Note: 1. Cooling operating condition: outdoor dry bulb is  $35^{\circ}$ C.

2. Heating operating condition: outdoor dry bulb is  $7^{\circ}C$ , wet bulb is  $6^{\circ}C$ .

3. Noise test complies with Standard GB/T 18837-2002. Noise data shown in this catalog is lab data, so actual noise level may be different depending on the installation conditions.

4. Test above is based on heatpump parameters; electric heat is not included in the heating capacity.



Technical Data Indoor Unit

#### **Concealed unit**

Indoor unit		MWD509GM	MWD512GM	MWD518GM	MWD524GM
	Kcal/Hr	2150	3010	4300	5590
Cooling capacity	Btu/h	8540	11950	17080	22200
	kW	2.5 (1.5~3.5)	3.5 (2.5~5.0)	5 (3.5~6.5)	6.5 (5.0~7.5)
	Kcal/Hr	2400	3260	4560	5850
Heating capacity	Btu/h	9560	13000	18100	23230
	kW	2.8 (1.5~3.5)	3.8 (2.5~5.0)	5.5 (3.5~7.0)	7.0 (5.0~7.5)
Power supply	Power supply			/50~60Hz/1Ph	
	Nominal air flow-high speed (CMH)	730	810	1,350	1,700
Fan motor	Max static pressure (Pa)	3	0	5	0
(four-speed direct drive)	Power (W)	45	45	131	204
	Current (A)	0.2	0.2	0.6	0.9
Noise	dB(A)	40	42.5	49.0	49.5
Shell			Galvanize	ed steel plate	
Dimensions	WxDxH (mm)	806x505x244	920x505x244	1210x505x244	1510x505x244
Duct connection dimensions	WxH (mm)	616x122	730x122	1020x122	1320x122
Weight	kg	18	19	25	28.5
	Gas (inch)	3/8"	1/2"	5/8"	5/8"
Pipe connection	Liquid (inch)	1/4"	1/4"	3/8"	3/8"
	Drain (inch)		3/4	" MPT	

#### Tall-floor unit

Indoor unit		MWV518GM	MWV524GM			
	Kcal/Hr	4300	5590			
Cooling capacity	Btu/h	17080	22200			
	kW	5 (3.5~6.5)	6.5 (5.0~7.5)			
	Kcal/Hr	4560	5850			
Heating capacity	Btu/h	18100	23230			
	kW	5.5 (3.5~7.0)	7.0 (5.0~7.5)			
Power supply		220~240V/5	220~240V/50~60Hz/1Ph			
	Norminal air flow (CMH)	720	1,150			
Fan motor	Power (W)	30	50			
	Current (A)	0.14	0.23			
Noise	dB(A)	47	49			
Dimensions	WxDxH (mm)	480x280x1723	520x305x1780			
Weight	kg	40	47			
	Gas (inch)	5/8"	5/8"			
Pipe connection	Liquid (inch)	3/8"	3/8"			
	Drain (ømm)	1	8			

Note: 1. Cooling operating condition: indoor: dry bulb is 27°C, wet bulb is 19°C; Outdoor: dry bulb is 35°C.

- 2. Heating operating condition: indoor: dry bulb is 20°C; Outdoor dry bulb is 7°C, wet bulb is 6°C.
- 3. Noise test complies with Standard GB/T 18837-2002. Noise data shown in this catalog is lab data, so actual noise level may be different depending on the installation conditions.

4. Test above is based on parameters of heatpump; electric heat is not included in the heating capacity.

5. Nominal air flow is measured when fan runs at high speed and outdoor unit remaining pressure is 0Pa.

6. Outside of bracket is indoor unit data when volume coefficient is 100%; inside of bracket is indoor unit capacity range in various volume coefficients.



Indoor

Unit

Technical Data

#### High-wall unit

Indoor unit		MWW509GM	MWW512GM	MWW518GM	MWW524GM			
	Kcal/Hr	2150	3010	4300	5590			
Cooling capacity	Btu/h	8500	11950	17080	22180			
	kW	2.5 (1.5~3.5)	3.5 (2.5~5.0)	5 (3.5~6.5)	6.5 (5.0~7.5)			
	Kcal/Hr	2400	3260	4560	6020			
Heating capacity	Btu/h	9560	13000	18100	23890			
	kW	2.8 (1.5~3.5)	3.8 (2.5~5.0)	5.5 (3.5~7.0)	7.0 (5.0~7.5)			
Power supply		220~240V/50~60Hz/1Ph						
	Norminal air flow (CMH)	400	530	800	1100			
Fan motor	Power (W)	8	12	30	120			
	Current (A)	0.04	0.06	0.14	0.6			
Noise	dB(A)	41	44	48	49.5			
Shell		White	White	White	White			
Dimensions	WxDxH (mm)	788x180x268	886x180x290	1080x197x330	1150x210x350			
Weight	kg	8	10	20	23			
	Gas (inch)	3/8"	1/2"	5/8"	5/8"			
Pipe connection	Liquid (inch)	1/4"	1/4"	3/8"	3/8"			
	Drain (ømm)	16	16	18	18			

#### **Cassette unit**

Indoor unit		MWC518GM	MWC524GM	
	Kcal/Hr	4300	5590	
Cooling capacity	Btu/h	17080	22200	
	kW	5 (3.5~6.5)	6.5 (5.0~7.5)	
	Kcal/Hr	4560	5850	
Heating capacity	Btu/h	18100	23230	
	kW	5.3 (3.5~7.0)	7.0 (5.0~7.5)	
Power supply		220~240V/50~60Hz/1Ph		
	Norminal air flow (CMH)	900	1,200	
Fan motor	Power (W)	35	35	
	Current (A)	0.16	0.16	
Noise	dB(A)	37	46	
	Model	TJG-06102		
Panel	Color	Ivory	white	
	WxDxH (mm)	950x9	50x70	
Dimensions	WxDxH (mm)	850x8	50x313	
Weight	kg	26+6	26+6	
	Gas (inch)	5/8"	5/8"	
Pipe connection	Liquid (inch)	3/8"	3/8"	
	Drain (ømm)	32	32	

Note: 1. Cooling operating condition: indoor: dry bulb is 27°C, wet bulb is 19°C, outdoor: dry bulb is 35°C.

2. Heating operating condition: indoor: dry bulb is 20°C; outdoor: dry bulb is 7°C, wet bulb is 6°C.

- 3. Noise test complies with Standard GB/T 18837-2002. Noise data shown in this catalog is lab data, so actual noise level may be different depending on the installation conditions.
- 4. Test above is based on heatpump unit parameter; electric heat is not included in the heating capacity.

5. Outside of bracket is indoor unit data when volume coefficient is 100%; inside of bracket is indoor unit capacity range in various volume coefficients.



## Unit **Dimensions** unit

Outdoor

unit: mm

#### TWF 518/524



#### TWF 542/548







Unit Dimensions

Indoor unit

Unit: mm

Tall-floor unit



Model	MWV518GM	MWV524GM
A	1723	1780
В	480	520
С	280	305

### High-wall unit

AA	M	lodel	MWW509GM	MWW512GM	MWW518GM	MWW524GM
		А	788	886	1080	1150
B		В	268	290	330	350
		С	180	180	197	210

TRANE Unit Indoor Dimensions unit Cassette unit Unit: mm Refrigerant pipe 850 Drain pipe ଞା Ø റ് മ ∢ ပ Power wire ⊯ 2 Ceiling Opening 870-890 598 四 809 950 - 7 400 415 388 he 373 288 348

Model	MWC518GM	MWC524GM
In-ceiling unit height mm(A)	313	313
Bracket height mm(B)	161	161
Drain pipe elevation mm(C)	240	240
Refrigerant pipe elevation mm(D)	216	216

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## **Unit Installation Instruction**

#### **Outdoor unit**

1. Leave enough space (as shown left) to ensure the unit runs normally and has enough service access.

2. For better operation, it is suggested to avoid an installation that exposes the outdoor unit to strong sunlight.

3. Outdoor unit should be installed far away from heat source, steam or flammable gas.

4. Avoid installation in areas which are windy and dusty and areas where the air flow direction face directly to pathways.

5. Ease of maintenance and air flow shall be considered when install the unit. Installation should comply with diagram below (if there is not enough installation space please contact local TRANE office.)

#### **Refnet joint**

1. Incorrect or improper installation of refnet joints may lead to poor performance.

2. Use the following recommended refnet joints with multiple connection sizes. See fig. 1. Size of the refnet joint pipes is dependent on the connection of the indoor units. Cut off those unnecessary parts with proper tool when large connection is required.

3. Refer to fig. 2 for a typical piping layout. It should be noted long piping length can influence the system performance. The below maximum piping lengths should be strictly followed if more than two indoor units will be installed in one circuit.

4. Height difference between indoor units and outdoor units should be less than 10m if outdoor unit is installed under all indoor units.

5. Refnet joint should be horizontally installed and elbows should be avoided within 0.5 meter ahead of or behind the refnet.







## **Unit Installation Instruction**



Fig. 2 Piping length and layout

Maximum piping lengths

	L	L1	L2	H1	H2
Max. length (m)	60	10	30	15	5

## Electronic expansion valve (EXV) box

1. Each high wall, tall floor or cassette indoor unit will have an separate EXV box. See the dimensional drawings as below:

2. The EXV box should be firmly mounted on the ceiling or wall and connected to the liquid line. Distance between EXV and indoor unit control board should be less than 2m.

3. Installing the unit upside down will result in poor system performance.





### **Operating Instruction** of Controller



Wired controller

## Operating instruction for wired controller:

#### **Control button:**

Switch on/off, operation mode selection, fan speed setting, temperature up/down (time) adjustment (2 pieces), sleep function, auxiliary heating function, quick cooling/heating, priority.

#### Liquid crystal displays:

Operation mode, temperature setting, fan speed setting, compressor status, Defrost, sleep, auxiliary heating, quick cooling, quick heating, priority etc.



Wireless control card



## Operating instruction for control panel of the tall-floor unit Control button:

Switch on/off, temperature/time conversion, Quick cooling/heating, operation mode selection, timing check and setting, fan speed setting, sleep, lock setting and priority setting.

#### **Display function:**

Priority, sleep, dry mode operation, heating mode or quick heating mode, cooling mode or quick cooling mode, temperature setting, error code, and auxiliary heat etc.



## **Operating Instruction for Wireless Controller**



#### Switch on/off:

Press this button to control the starting up and shutting down of the air conditioner.

#### Temperature setting:

Press ▲ or ▼ to increase or decrease the current temperature. The temperature can be set within a range of 16°C to 30°C. Temperature cannot be set during fan mode.

#### Mode:

Press this button to convert mode as followings: Cool $\rightarrow$ [Dry] $\rightarrow$ Fan $\rightarrow$ [Heat] $\rightarrow$ [Auto Cool/Heat].

#### Fan:

Press this button to convert fan speed as followings: [Auto] $\rightarrow$ Low $\rightarrow$ Medium $\rightarrow$ High. The Auto air mode is not valid in the fan mode and fan speed is low and not adjustable in the dry mode.

#### Swing:

Pressing this button for the first time will start this function, press for the second time will stop this function.

#### Swing angle:

Press this button to set the angle.

#### Sleep:

Pressing this button for the first time will start the sleep function, press for the second time will stop this function.

#### **Electric heater:**

In heat mode, press this button to activate auxiliary heating. Another press of this key can disable this function.

#### **Priority:**

Press this button for the first time: start Priority, press for the second time: stop Priority.

#### Quick cooling/heating:

If the system runs in cool mode, press this button to start quick cooling. If the system runs in heat mode, press this button to start quick heating.

#### Timer on/off:

Timer on/off is allowed.

#### **Reset:**

Use this button to reset the remote controller.



## Selection Example

#### 1. Definition

#### Unit capacity code

Outdoor unit	Capacity code		
TWF518		50	
TWF52	TWF524		
TWF542	SA	50	
	SB	75	
TWF548	SA	75	
	SB	75	

#### Capacity Coefficient

Capacity Coefficient (CC)=Sum of indoor unit capacity code/outdoor unit capacity code Allowable range of Capacity Coefficient shall be between 20%~135%.

Indoor unit model	Capacity code
509	25
512	35
518	50
524	75

#### 2. Selection

#### 1) Calculation condition

Design temperature condition

Cooling: ambient dry bulb temperature: 35°CDB

Indoor wet bulb temperature: 21°CWB

#### Room load:

Room	А	В	С	D
Cooling load (kW)	2.0	3.0	3.0	4.5

#### 2) Indoor unit selection

Room	A	В	С	D
Load	2.0	3.0	3.0	4.5
Unit Size	509	512	512	518
Capacity Code	25	35	35	50



## Selection Example

#### 3) Outdoor unit selection

Sum of indoor unit capacity code = 25 + (35x2) + 50 = 145Total capacity code is 145, recommend to select outdoor unit TWF 542 with capacity code of 125(75+50).

TWF 542 is a double compressor system, the capacity code of each system are 50 and 75 respectively.

A+B=25+35=60, 60/50=120%, fit to SA system

C+D=35+50=85, 85/75=113%, fit to SB system

Indoor/outdoor capacity coefficient between 20%~135% complies with configuration standard.

#### 4) Outdoor unit capacity correction

Outdoor unit capacity = rated capacity X correction factor to design temperature condition.

Assume indoor and outdoor unit are configured as below:

Indoor unit: 25, 35, 35, 50

Outdoor unit: TWF542 SA=50/125x12.5kW=5.0kW

SB=75/125x12.5kW=7.5kW

Cooling capacity correction factor should be checked on design condition. Cooling capacity correction factor is 1.06

TWF542 SA capacity: 5.0x1.06=5.3kW

SB capacity: 7.5x1.06=7.95kW



#### Cooling capacity correction factor



## Selection Example

#### 5) Indoor unit capacity correction

Each indoor unit operating capacity = outdoor unit operating capacity × indoor unit capacity / sum of indoor unit capacities

Room	А	В	С	D
Load	2.0	3.0	3.0	4.5
Unit Size	509	512	512	518
Capacity Code	25	35	35	50
Operating capacity	2.21	3.09	3.27	4.68

Operating capacity of each indoor unit can fulfill requirements.

#### 6) Use the following chart to correct the heating capacity.



Heating capacity correction factor



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