

R32

Power Inverter mit Hydromodul bzw. Speichermodul (Heizen)

Split-System



Beschreibung

Luft/Wasser-Wärmepumpe in Split-Bauweise für Heizung, und Trinkwassererwärmung im flexiblen System. Optimal aufeinander abgestimmte Außen- und Innengeräte mit SG-Ready-Zertifizierung und höchster ErP-Effizienzklasse A+++ (Niedertemperaturanwendung).

Ideal geeignet für anspruchsvolle Systeme in Neubau und Modernisierung.

Eigenschaft / Merkmale / Ausstattung

Leistungsgeregelter Verdichter (Inverter) und zwei elektronische Expansionsventile. Adaptive Steuerung der Axialventilatoren und rückwärtsgekrümmte Ventilatorschaufeln mit neuartiger Glockenrichterform. Integrierter Wärmepumpenregler FTC6, externe Datenschnittstelle, SD-Speicherkarte, Hocheffizienzpumpe, Elektroheizstab, Volumenstromsensor, Sicherheitsarmaturen, Manometer und Entlüfter. 2 Heizkreise, separat regelbar (gemischt und/oder ungemischt), Einbindung Bivalent-Wärmeerzeuger.

Bei Kombinationen mit Speichermodul:

200- oder 300-Liter-Trinkwarmwasserspeicher (Edelstahl), Trinkwarmwasser-Umschaltventil, Sicherheitsgruppe, TWW-Plattenwärmetauscher und Speicherladepumpe.

Regelungsarten: Vorlauftemperatur, Heizkurve oder Raumtemperatur* (Autoadaptation) wahlweise einstellbar

Nutzen

- Einfache Auslegung für bivalente oder monoenergetische Betriebsweise
- Einfache Aufstellung in dicht bebauten Gebieten möglich
- Niedrige Betriebskosten
- Schnelle Installation und einfache Systemkonfiguration/-überwachung mit Installationsassistent und SD-Karte (Lieferumfang)
- Flexible Anpassung der Regelung an unterschiedliche Systemanforderungen
- Höherer Komfort und bessere Effizienz durch optimale Raumtemperatur

Vorteile

- Garantierter Einsatzbereich bis -25°C Außentemperatur
- Hohe Jahresarbeitszahl durch bedarfsgerechte Leistungsabgabe
- Max. Leistung und großer Einsatzbereich
- Großzügige Kältemittelfüllung
- Bedarfsgerechte Anpassung der Kältemittelfüllmenge
- Niedrige Betriebsgeräusche durch neues Gerätekonzept
- Kompaktes Hydromodul mit anschlussfertigen Komponenten
- Wahlweise Systemsteuerung per Internet-App MELCloud oder ModBus-Protokoll möglich
- Energie-Monitoring durch integrierte Wärmemengenerfassung
- Optimiertes Betriebsverhalten durch Auto-Adaptfunktion

* weiteres Zubehör notwendig



PUD-SWM60-120



EHSD-VM2D

Power Inverter mit Hydromodul (Heizen)

Split-System

Technische Daten

Bezeichnung Set		Wärmepumpen-Set 2.11	Wärmepumpen-Set 2.12	Wärmepumpen-Set 2.13	Wärmepumpen-Set 2.14
Heizbetrieb¹					
Nenn-Wärmeleistung / COP (A2 / W35)	kW	6,0	8,0	10,0	12,0
Wärmeleistung (A-15 / W35)	kW	5,7	7,3	9,0	10,4
Leistungsbereich min./max. (A2 / W35)		3,1 - 7,0	3,1 - 9,3	3,2 - 12,1	3,2 - 12,7
Mitteltemperaturanwendung (55 °C)²					
Jahreszeitbedingte Energieeffizienz Raumheizung η_s	%	130	130	130	128
Energieeffizienzklasse (A+++ bis D)		A+++	A+++	A++	A++
Niedertemperaturanwendung (35 °C)²					
Jahreszeitbedingte Energieeffizienz Raumheizung η_s	%	175	176	177	176
Energieeffizienzklasse (A+++ bis D)		A+++	A+++	A+++	A+++
Außengerätetyp		PUD-SWM60VAA	PUD-SWM80YAA	PUD-SWM100YAA	PUD-SWM120YAA
Abmessungen Außengerät (mm)	B / T / H	1050 / 480 / 1020	1050 / 480 / 1020	1050 / 480 / 1020	1050 / 480 / 1020
Einsatzbereich Heizbetrieb	°C	-25 ~ +24	-25 ~ +24	-25 ~ +24	-25 ~ +24
Schallleistungspegel [EN12102]	dB (A)	55	56	59	60
Schalldruckpegel ³	dB (A)	41	42	44	46
Gewicht	kg	101	114	120	120
Spannungsversorgung	Phase V Hz	1 230 50	3 400 50	3 400 50	3 400 50
Kältemitteltyp / -menge (kg) / max. Menge (kg)		R32 / 1,3 / 1,6	R32 / 1,3 / 1,6	R32 / 1,6 / 1,83	R32 / 1,6 / 1,83
WP / CO ₂ -Äquivalent (t) / CO ₂ -Äquivalent max. (t)		675 / 0,8775 / 1,08	675 / 0,8775 / 1,08	675 / 1,08 / 1,23525	675 / 1,08 / 1,23525
Kältetechnische Anschlüsse Ø (mm)		6,35 / 12,7	6,35 / 12,7	6,35 / 12,7	6,35 / 12,7
Innengerätetyp		EHSD-VM2D	EHSD-VM2D	EHSD-VM2D	EHSD-VM2D
Abmessungen (mm)	B / T / H	530 / 360 / 800	530 / 360 / 800	530 / 360 / 800	530 / 360 / 800
Schallleistungspegel [EN12102]	dB (A)	41	41	41	41
Max. Vorlauftemperatur	°C	60	60	60	60
Gewicht	kg	44	44	44	44
Spannungsversorgung	Phase V Hz	1 230 50	1 230 50	1 230 50	1 230 50
Leistung E-Heizstab	kW	2	2	2	2
Kältetechnische Anschlüsse Ø (mm)	fl. / gas.	6,35 / 12,7	6,35 / 12,7	6,35 / 12,7	6,35 / 12,7
Heizungstechnische Anschlüsse VL / RL	Ø mm	28	28	28	28
Bestell- / Artikel-Nr.					

¹ nach EN 14511² bei durchschnittlichen Klimaverhältnissen³ 1 m Freifeldmessung

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Zubadan Inverter mit Hydromodul bzw. Speichermodul (Heizen)

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Beschreibung

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Eigenschaft / Merkmale / Ausstattung

Leistungsgeregelter Verdichter (Inverter) mit patentierter Zubadan-Technologie. Flash-Gas-Einspritzung mit HIC-Unter-
kühlerkreis und zwei elektronischen Expansionsventilen. Adaptive Steuerung der Axialventilatoren und rückwärtsgekrümmte Ventilatorschaufeln mit neuartiger Glockenrichterform. Integrierter Wärmepumpenregler FTC6, externe Datenschnittstelle, SD-Speicherkarte, Hocheffizienzpumpe, Elektroheizstab, Volumenstromsensor, Sicherheitsarmaturen, Manometer und Entlüfter. 2 Heizkreise, separat regelbar (gemischt und/oder ungemischt), Einbindung Bivalent-Wärmeerzeuger.

In Kombination mit Speichermodul:

200- oder 300-Liter-Trinkwarmwasserspeicher (Edelstahl), Trinkwarmwasser-Umschaltventil, Sicherheitsgruppe, TWW-Plattenwärmetauscher und Speicherladepumpe.

Regelungsarten: Vorlauftemperatur, Heizkurve oder Raumtemperatur* (Autoadaptation) wahlweise einstellbar

Nutzen

- Großer Einsatzbereich des Außengerätes bis -28°C Außentemperatur
- Einfache Auslegung für monovalente oder monoenergetische Betriebsweise
- Einfache Aufstellung in dicht bebauten Gebieten möglich
- Niedrige Betriebskosten
- Schnelle Installation und einfache Systemkonfiguration / -überwachung mit Installationsassistent oder SD-Karte (Lieferumfang)
- Flexible Anpassung der Regelung an unterschiedliche Systemanforderungen
- Höherer Komfort und bessere Effizienz durch optimale Raumtemperatur

Vorteile

- Volle Heizleistung bis -15°C Außentemperatur
- Hohe Jahresarbeitszahl durch bedarfsgerechte Leistungsabgabe
- Max. Leistung, Einsatzbereich und Effizienz
- Max. Vorlauftemperatur 60°C und 55°C bei -15°C Außentemperatur
- Großzügige Kältemittelfüllung
- Bedarfsgerechte Anpassung der Kältemittelfüllmenge
- Niedrige Betriebsgeräusche durch neues Gerätekonzept
- Kompaktes Hydromodul mit anschlussfertigen Komponenten
- Wahlweise Systemsteuerung per Internet-App MELCloud oder ModBus-Protokoll möglich
- Energie-Monitoring durch integrierte Wärmemengenerfassung
- Optimiertes Betriebsverhalten durch Auto-Adaptfunktion

* weiteres Zubehör notwendig



PUD-SHWM60-140

EHSD-VM2D

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Technische Daten

Bezeichnung Set		Wärmepumpen-Set 1.11	Wärmepumpen-Set 1.12	Wärmepumpen-Set 1.13	Wärmepumpen-Set 1.14	Wärmepumpen-Set 1.15
Heizbetrieb¹						
Nenn-Wärmeleistung / COP (A2 / W35)	kW	6,0	8,0	10,0	12,0	14,0
Wärmeleistung (A-15 / W35)	kW	6,0	8,8	10,7	12,3	14,2
Leistungsbereich min./max. (A2 / W35)		3,1 - 7,0	3,1 - 9,5	3,2 - 12,4	3,2 - 13,2	3,5 - 14,6
Mitteltemperaturanwendung (55 °C)²						
Jahreszeitbedingte Energieeffizienz Raumheizung η_s	%	134	134	135	135	134
Energieeffizienzklasse (A+++ bis D)		A++	A++	A++	A++	A++
Niedertemperaturanwendung (35 °C)²						
Jahreszeitbedingte Energieeffizienz Raumheizung η_s	%	178	179	178	179	177
Energieeffizienzklasse (A+++ bis D)		A+++	A+++	A+++	A+++	A+++
Außengerätetyp		PUD-SHWM60VAA	PUD-SHWM80YAA	PUD-SHWM100YAA	PUD-SHWM120YAA	PUD-SHWM140YAA
Abmessungen Außengerät (mm)	B / T / H	1050 / 480 / 1020	1050 / 480 / 1020	1050 / 480 / 1020	1050 / 480 / 1020	1050 / 480 / 1020
Einsatzbereich Heizbetrieb	°C	-28 ~ +24	-28 ~ +24	-28 ~ +24	-28 ~ +24	-28 ~ +24
Schallleistungspegel [EN12102]	dB (A)	55	56	59	60	62
Schalldruckpegel ³	dB (A)	41	42	44	46	48
Gewicht	kg	102	115	121	121	122
Spannungsversorgung	Phase V Hz	1 230 50	3 400 50	3 400 50	3 400 50	3 400 50
Kältemitteltyp / -menge (kg) / max. Menge (kg)		R32 / 1,4 / 1,7	R32 / 1,4 / 1,7	R32 / 1,7 / 1,83	R32 / 1,7 / 1,83	R32 / 1,7 / 1,83
WP / CO ₂ -Äquivalent (t) / CO ₂ -Äquivalent max. (t)		675 / 0,945 / 1,1475	675 / 0,945 / 1,1475	675 / 1,1475 / 1,23525	675 / 1,1475 / 1,23525	675 / 1,1475 / 1,23525
Kältetechnische Anschlüsse Ø (mm)		6,35/12,7	6,35/12,7	6,35/12,7	6,35/12,7	6,35/12,7
Innengerätetyp		EHSD-VM2D	EHSD-VM2D	EHSD-VM2D	EHSD-VM2D	EHSD-VM2D
Abmessungen (mm)	B / T / H	530 / 360 / 800	530 / 360 / 800	530 / 360 / 800	530 / 360 / 800	530 / 360 / 800
Schallleistungspegel [EN12102]	dB (A)	41	41	41	41	41
Max. Vorlauftemperatur	°C	60	60	60	60	60
Gewicht	kg	44	44	44	44	44
Spannungsversorgung	Phase V Hz	1 230 50	1 230 50	1 230 50	1 230 50	1 230 50
Leistung E-Heizstab	kW	2	2	2	2	2
Kältetechnische Anschlüsse Ø (mm)	fl. / gas.	6,35/12,7	6,35/12,7	6,35/12,7	6,35/12,7	6,35/12,7
Heizungstechnische Anschlüsse VL / RL	Ø mm	28	28	28	28	28
Bestell- / Artikel-Nr.						

¹ nach EN 14511² bei durchschnittlichen Klimaverhältnissen³ 1 m Freifeldmessung

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PUD-SWM100YAA(-BS)
PUD-SHWM80VAA(-BS)
PUD-SHWM120VAA(-BS)

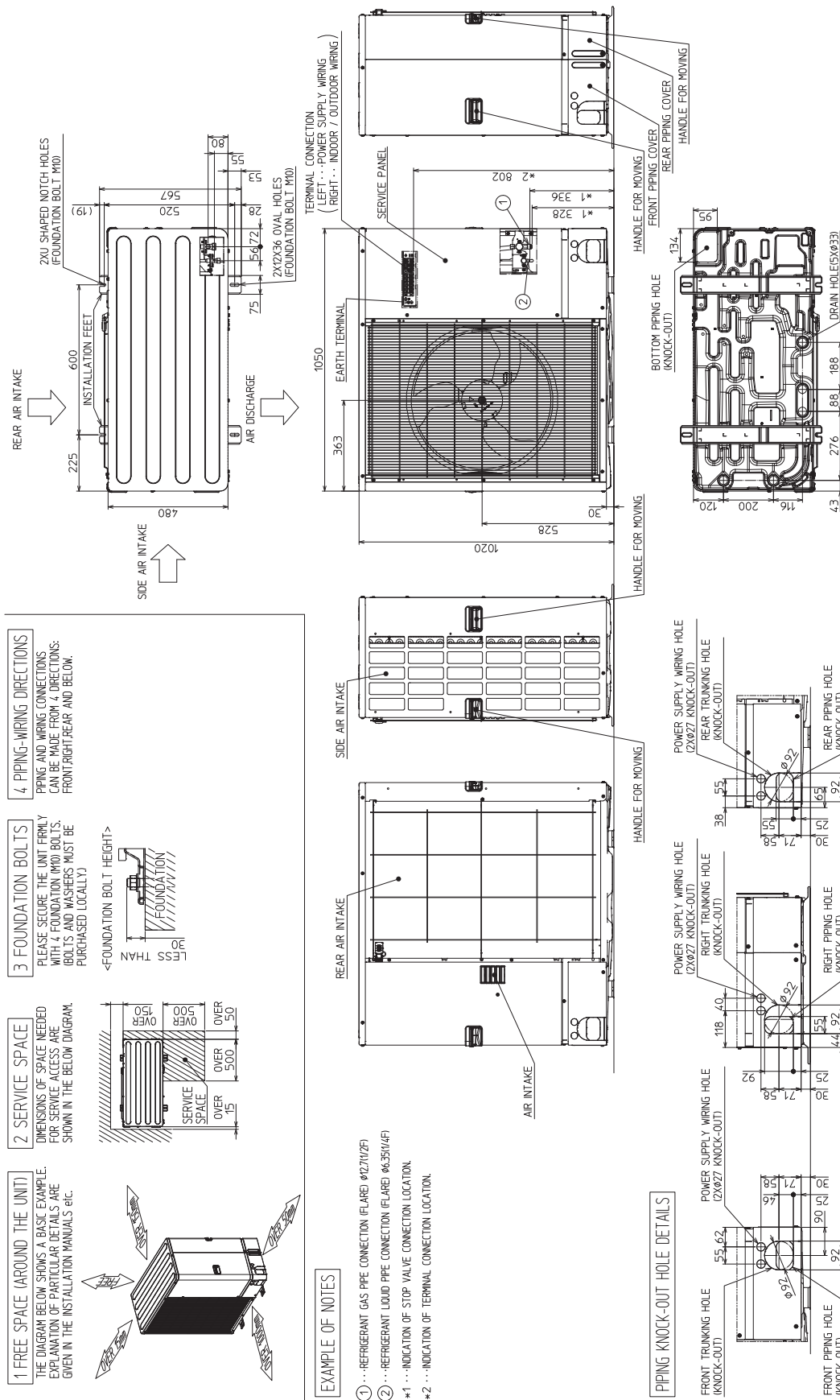
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PUD-SHWM120YAA(-BS)

PUD-SWM80YAA(-BS)
PUD-SWM120YAA(-BS)
PUD-SHWM100VAA(-BS)
PUD-SHWM140VAA(-BS)

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PUD-SHWM140YAA(-BS)

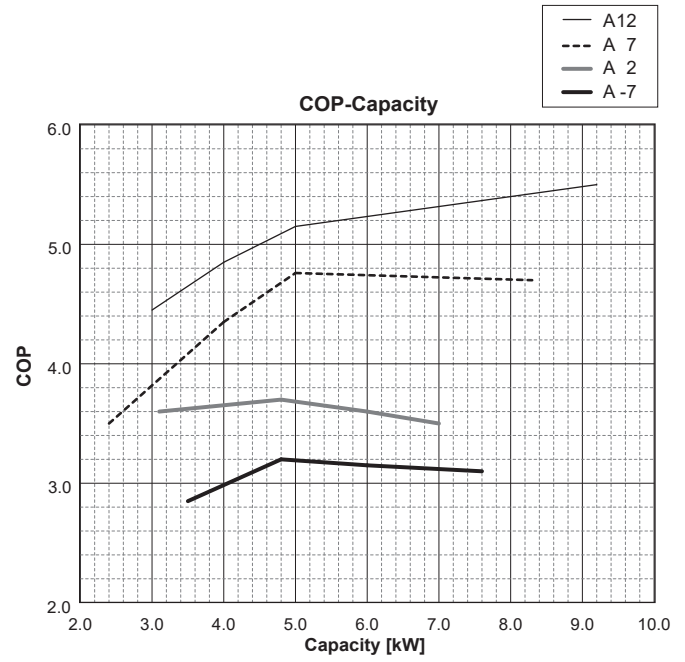
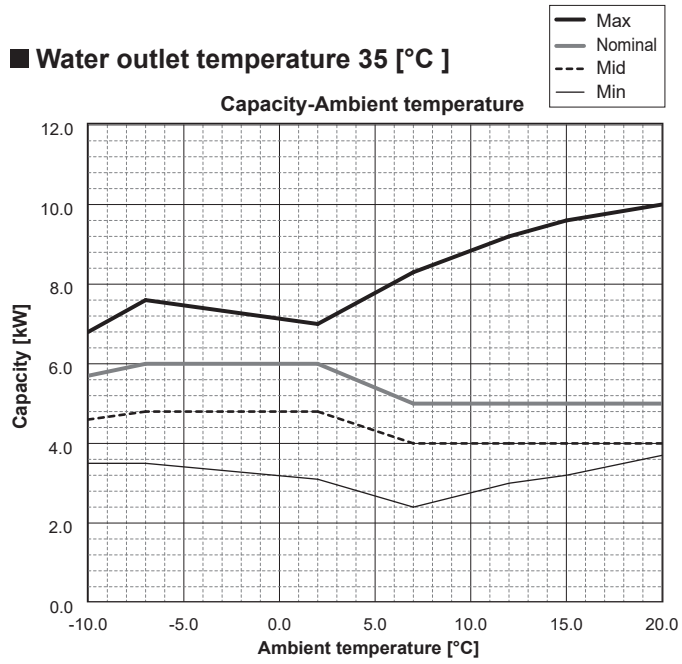
Unit: mm

Outdoor unit

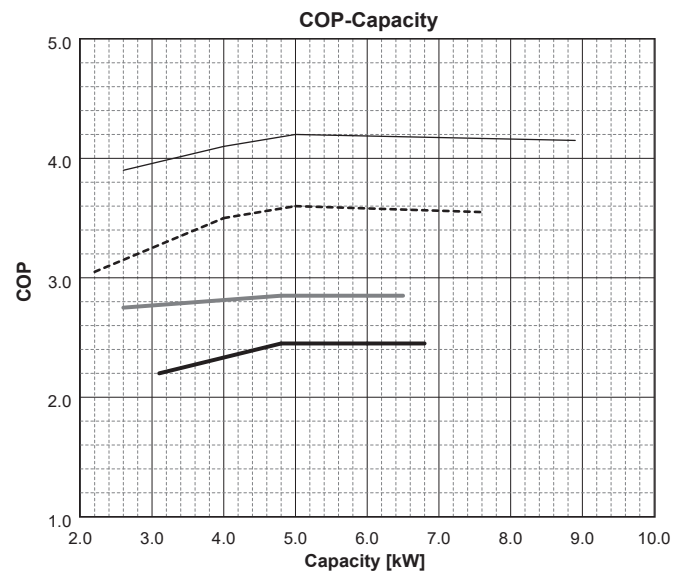
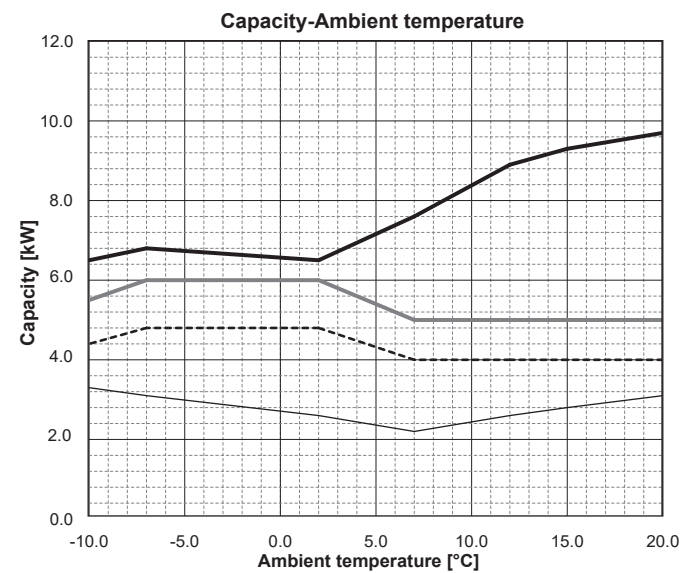


PUD-SWM60VAA(-BS)

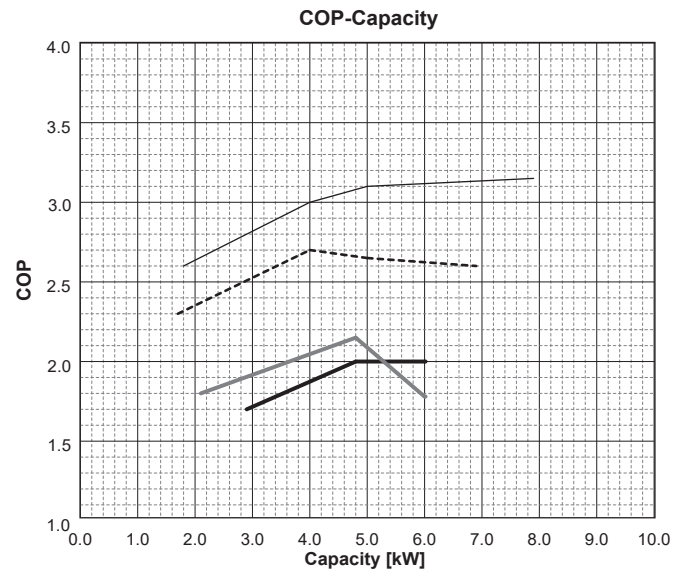
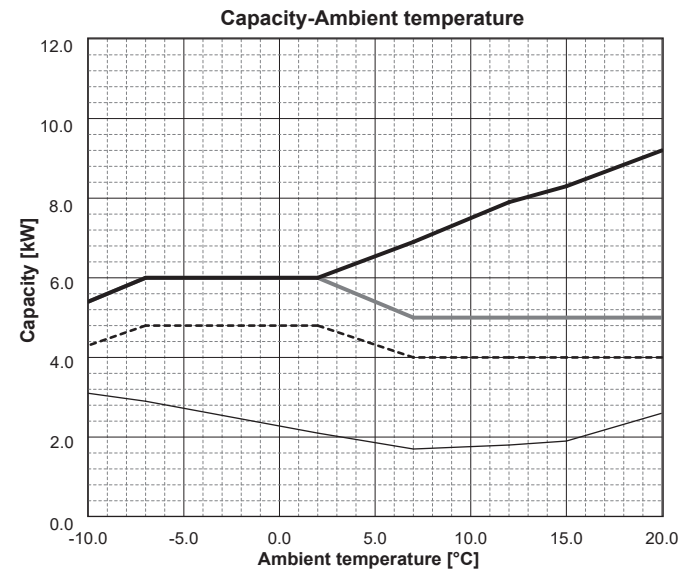
Water outlet temperature 35 [°C]



Water outlet temperature 45 [°C]



Water outlet temperature 55 [°C]

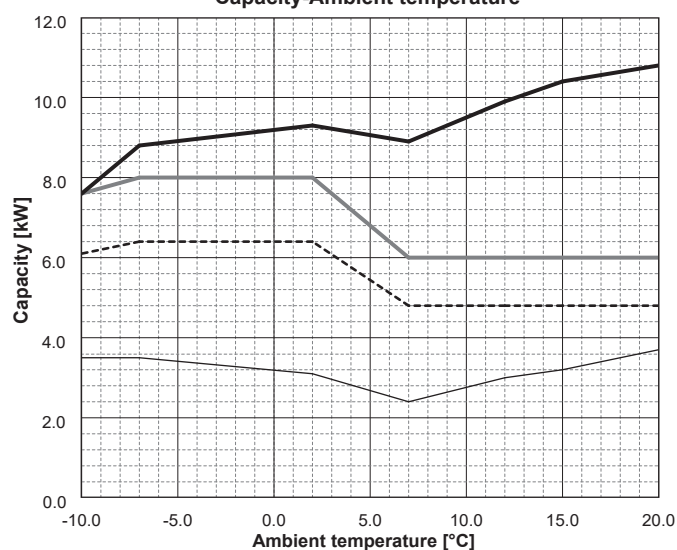


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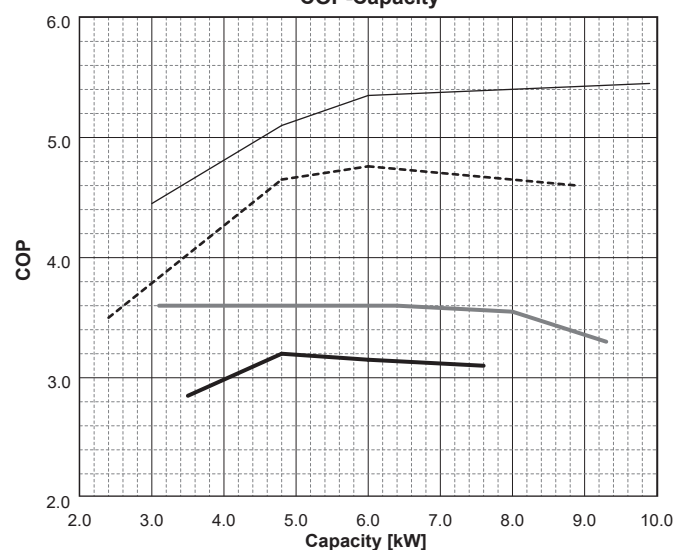
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Water outlet temperature 35 [°C]

Capacity-Ambient temperature

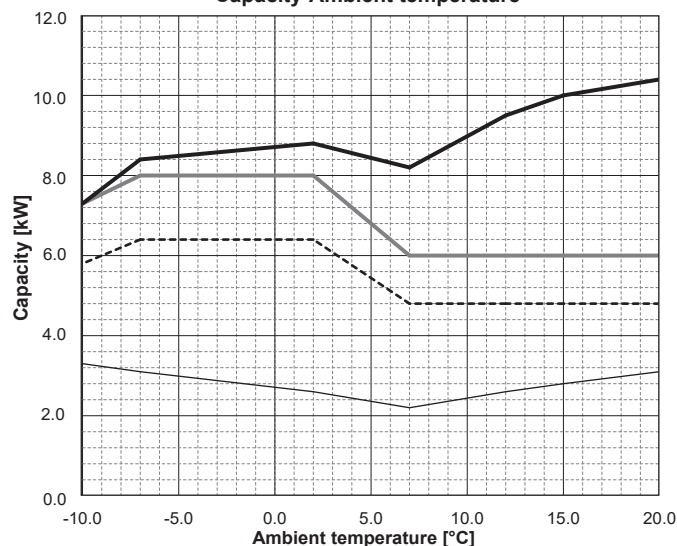


COP-Capacity

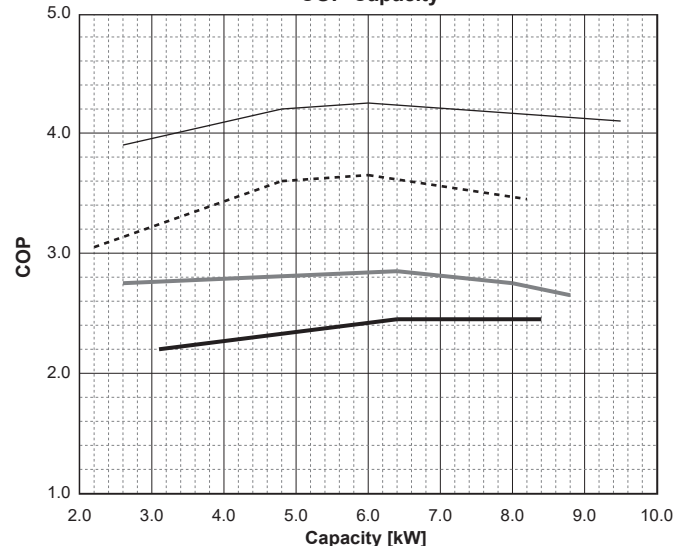


Water outlet temperature 45 [°C]

Capacity-Ambient temperature

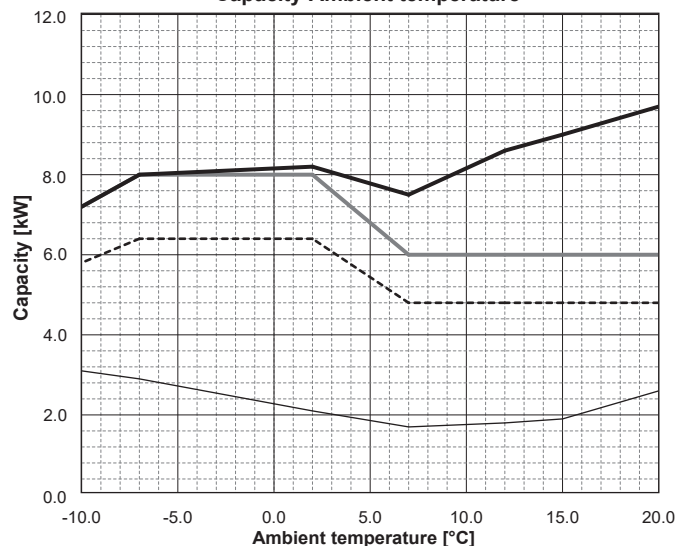


COP-Capacity

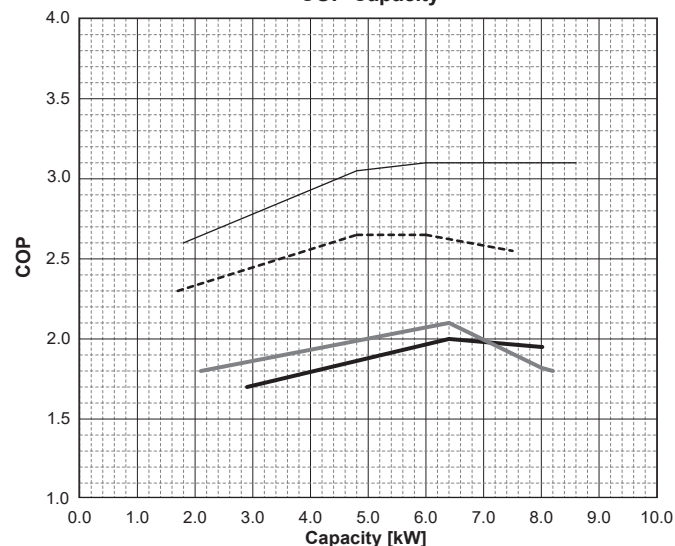


Water outlet temperature 55 [°C]

Capacity-Ambient temperature

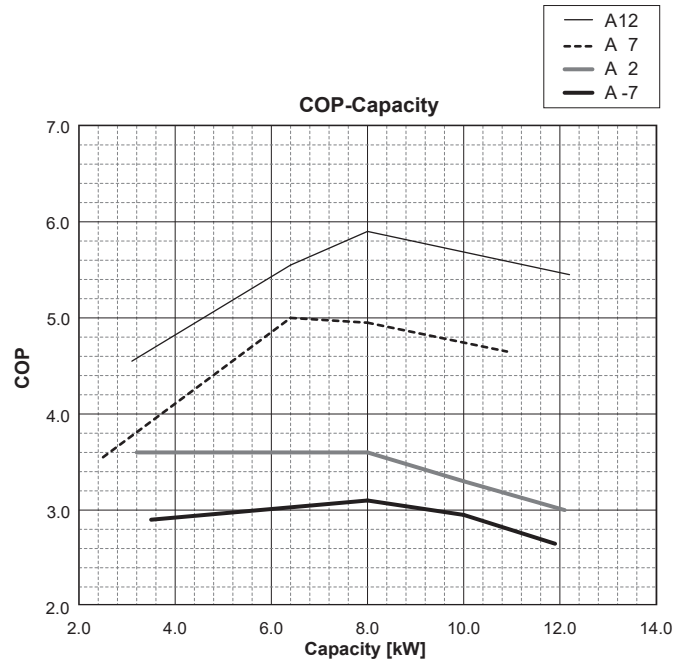
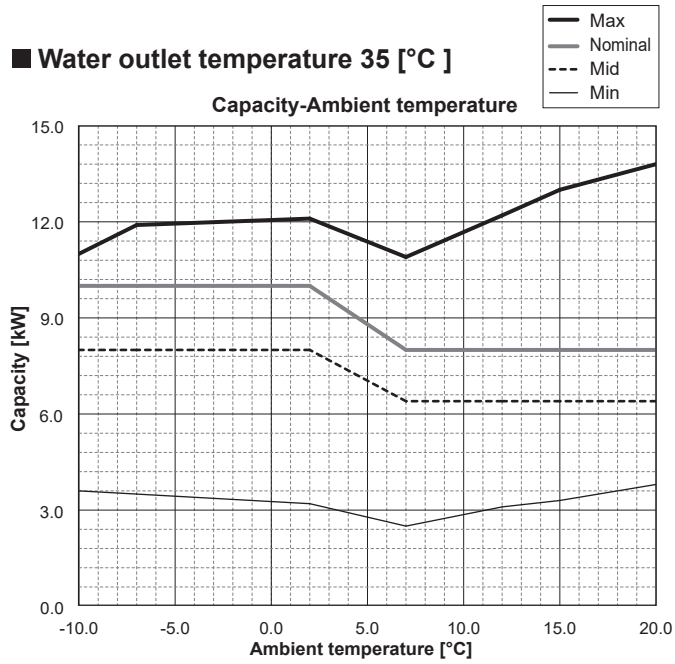


COP-Capacity

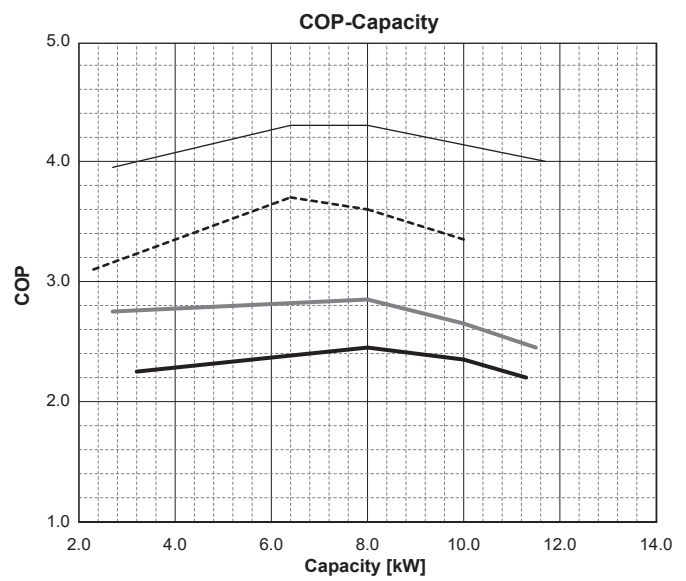
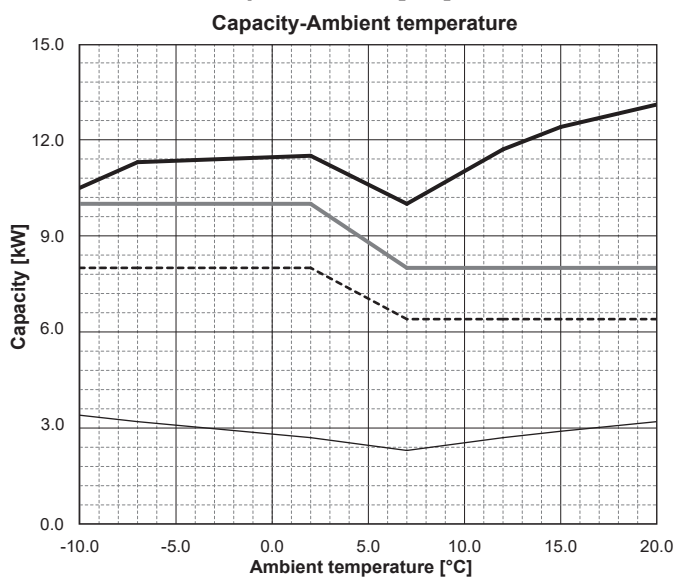


PUD-SWM100VAA(-BS) PUD-SWM100YAA(-BS)

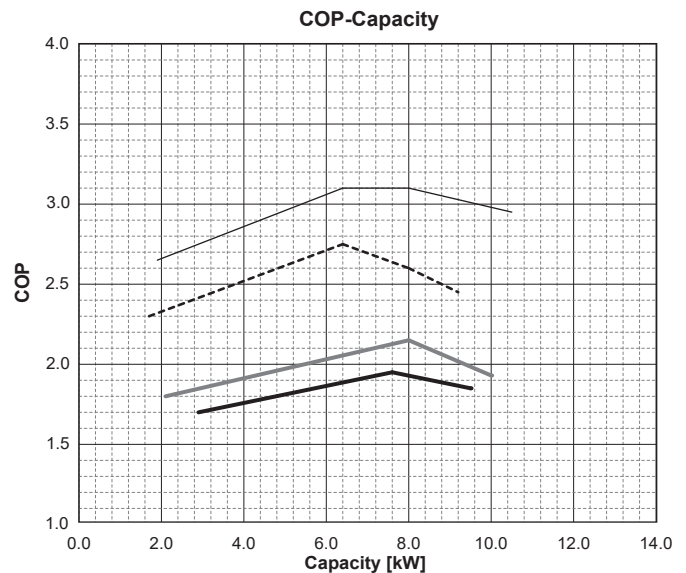
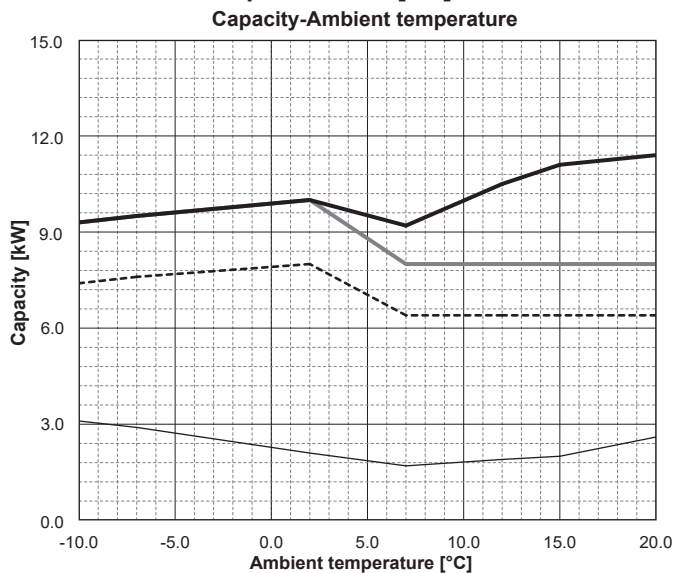
■ Water outlet temperature 35 [°C]



■ Water outlet temperature 45 [°C]

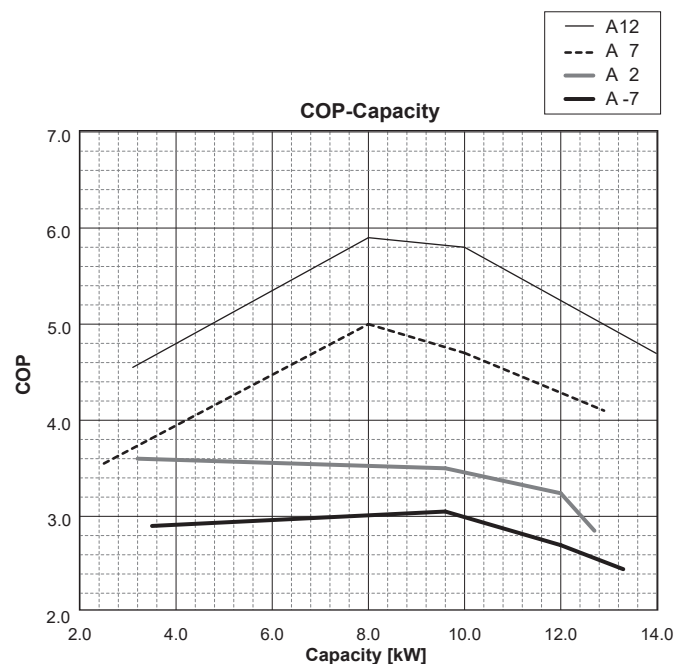
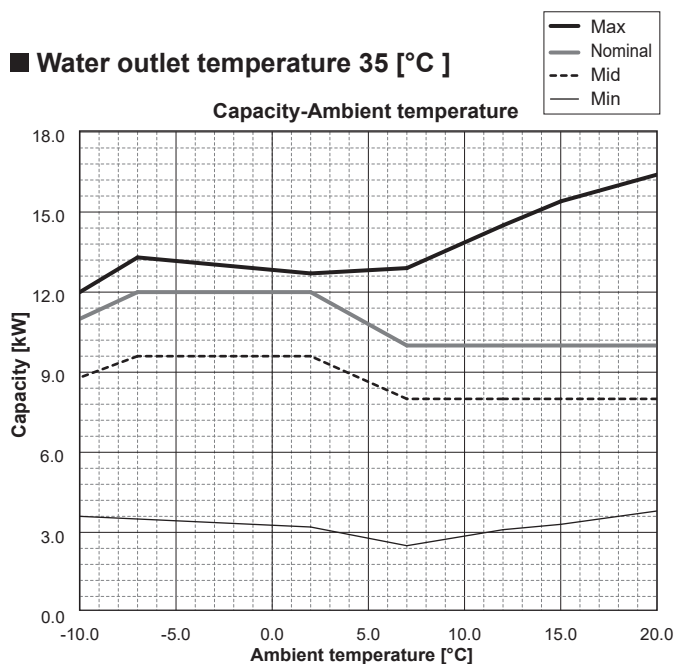


■ Water outlet temperature 55 [°C]

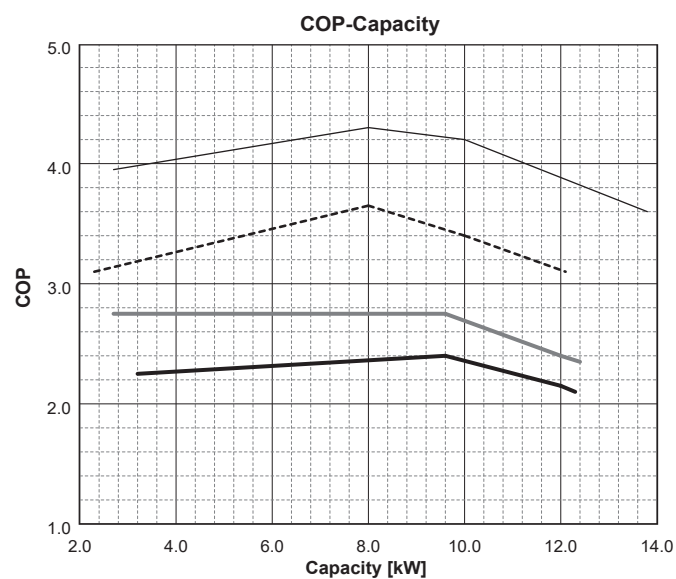
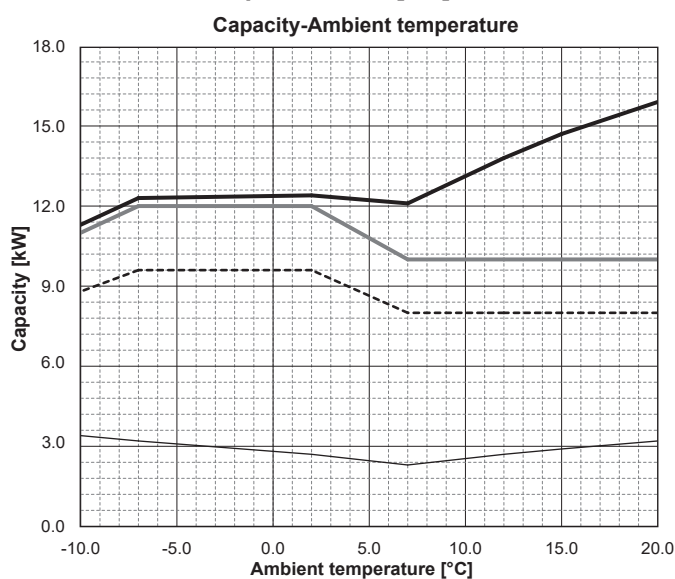


PUD-SWM120VAA(-BS) PUD-SWM120YAA(-BS)

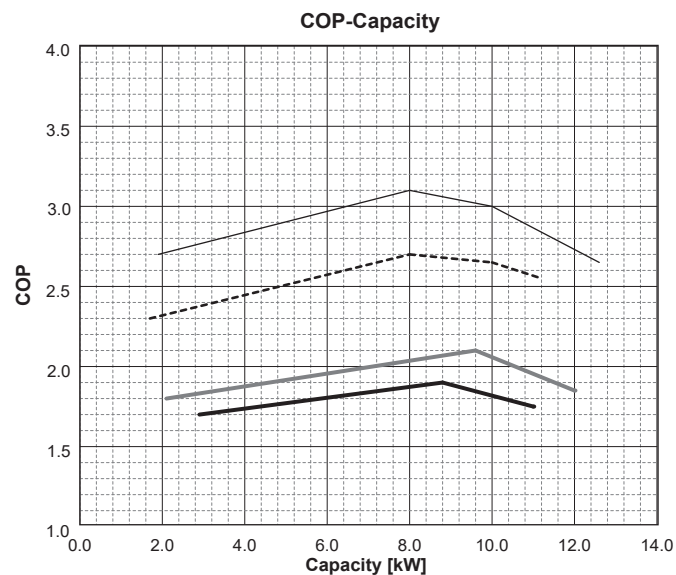
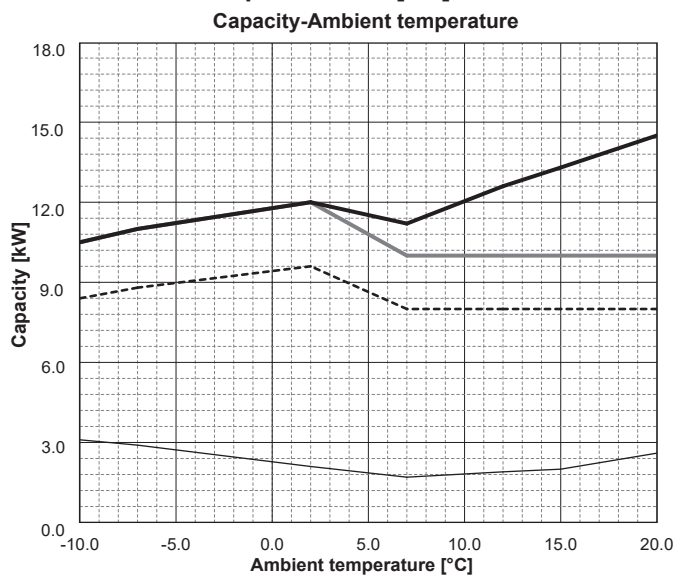
■ Water outlet temperature 35 [°C]



■ Water outlet temperature 45 [°C]

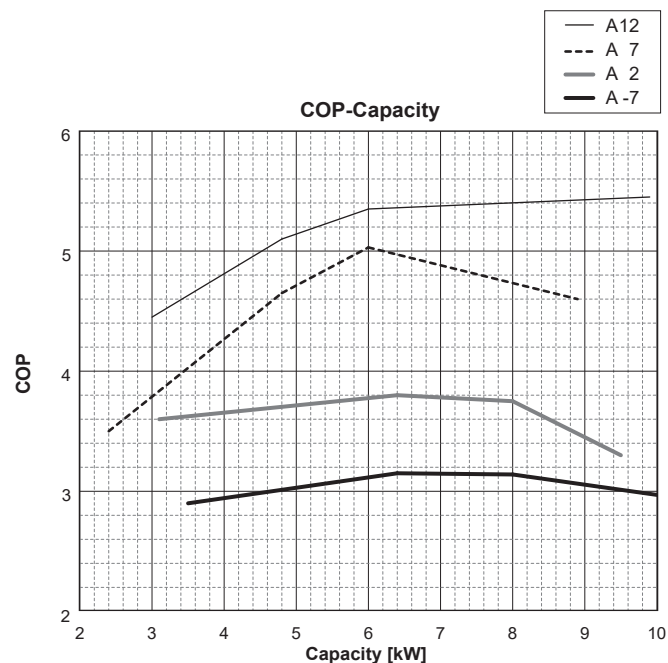
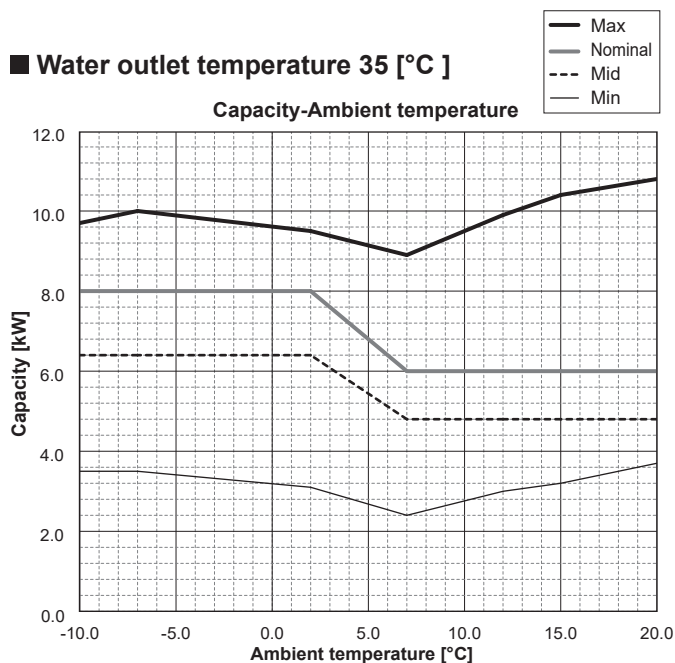


■ Water outlet temperature 55 [°C]

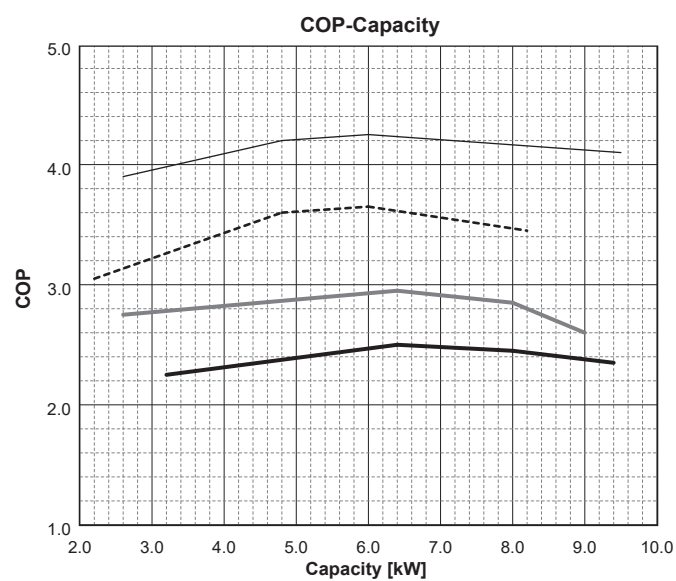
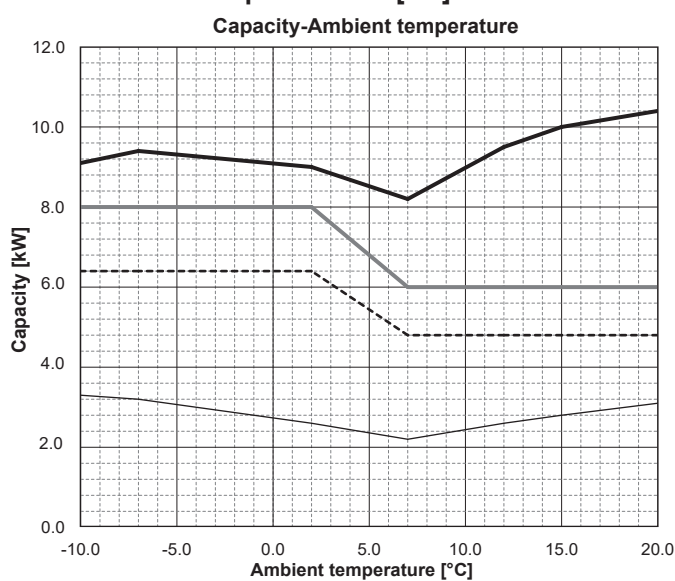


PUD-SHWM80VAA(-BS) PUD-SHWM80YAA(-BS)

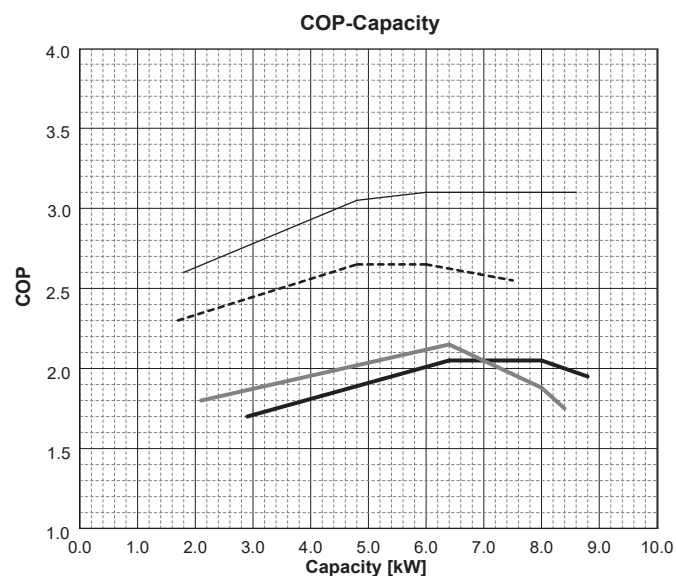
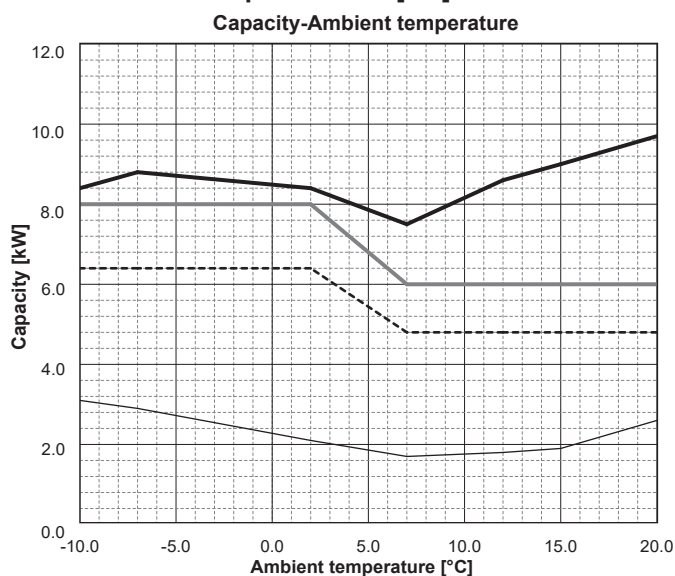
■ Water outlet temperature 35 [°C]



■ Water outlet temperature 45 [°C]

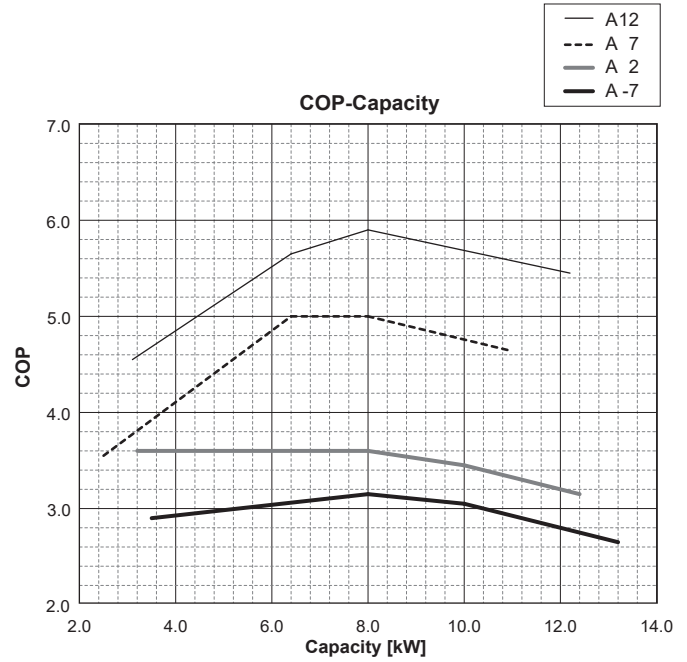
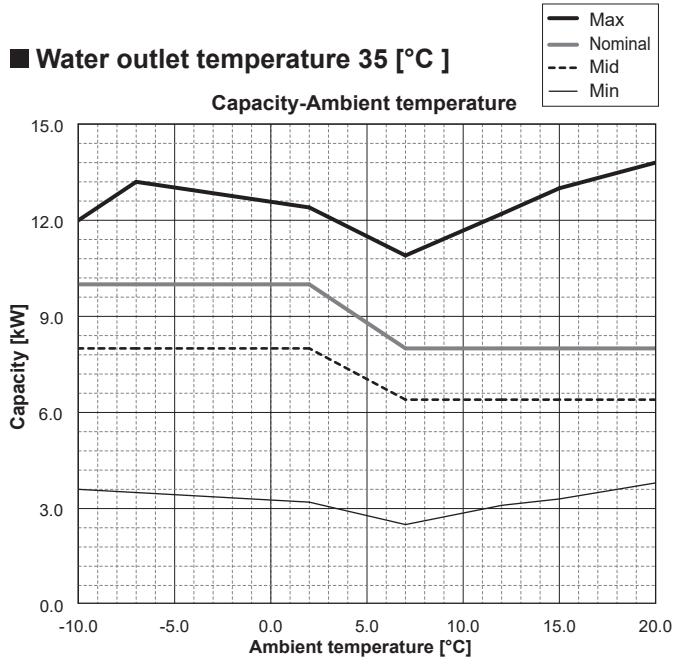


■ Water outlet temperature 55 [°C]

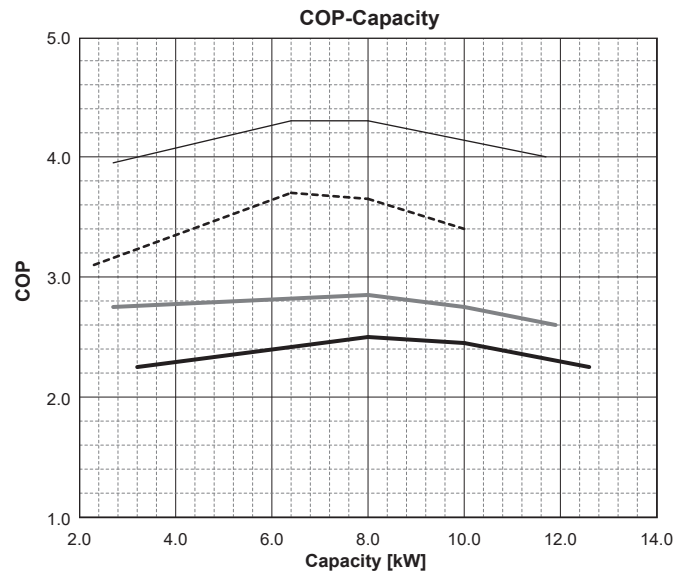
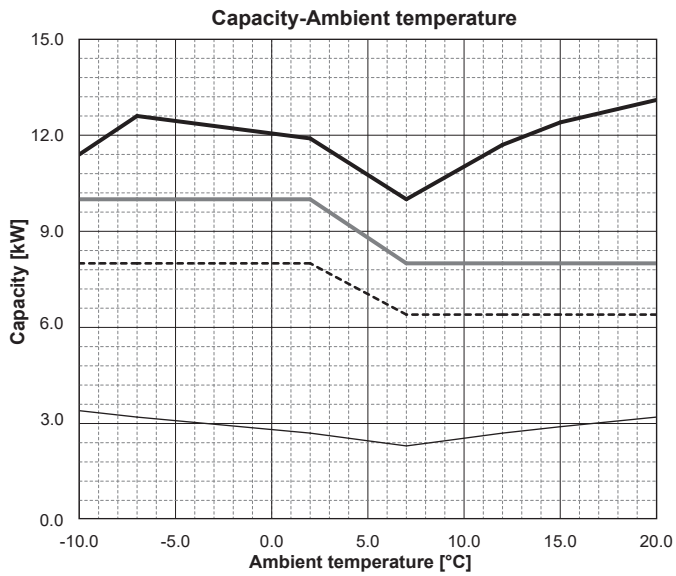


PUD-SHWM100VAA(-BS) PUD-SHWM100YAA(-BS)

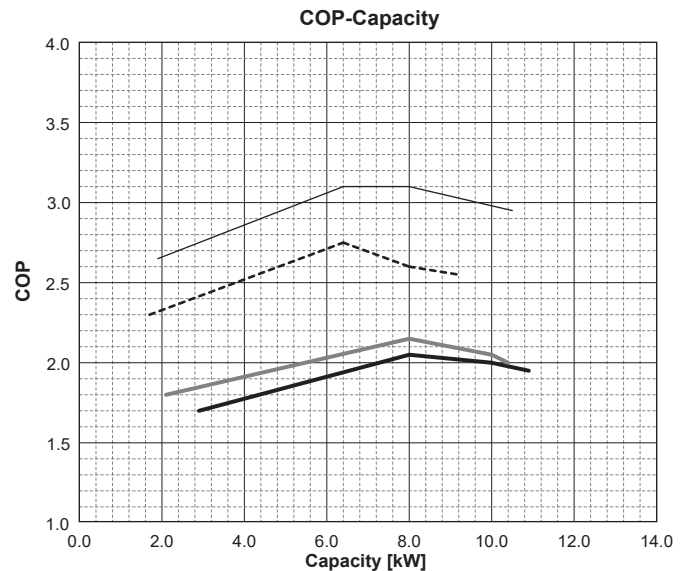
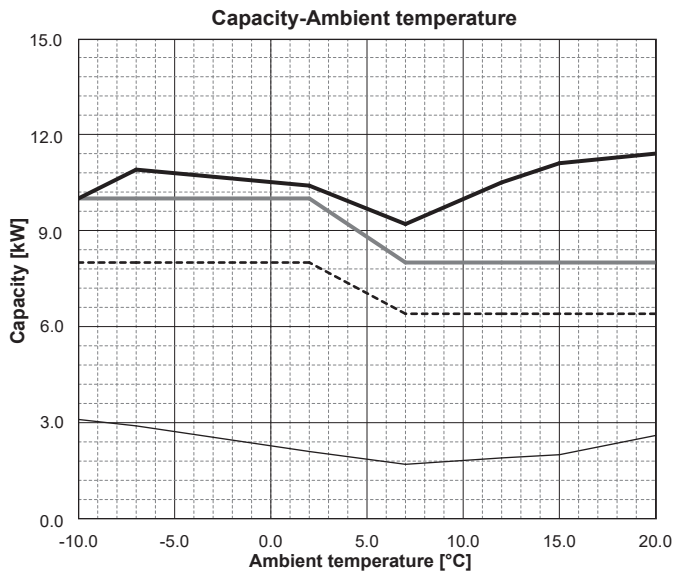
■ Water outlet temperature 35 [°C]



■ Water outlet temperature 45 [°C]

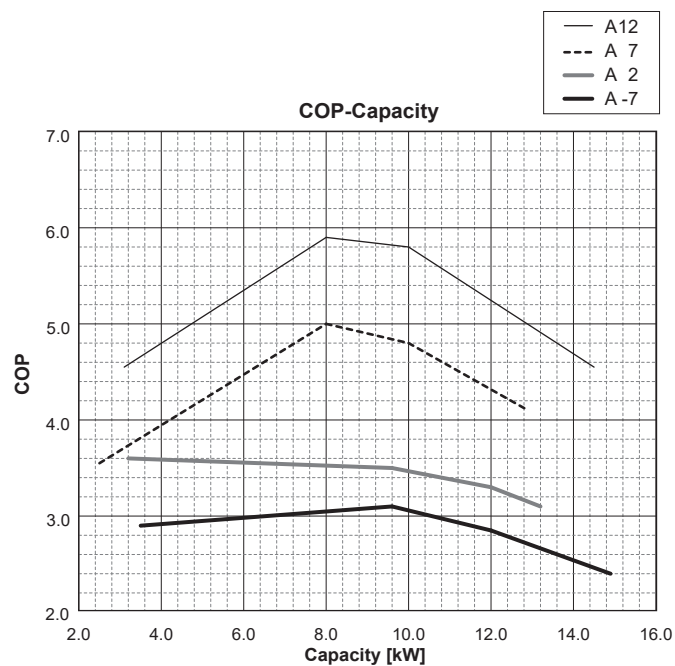
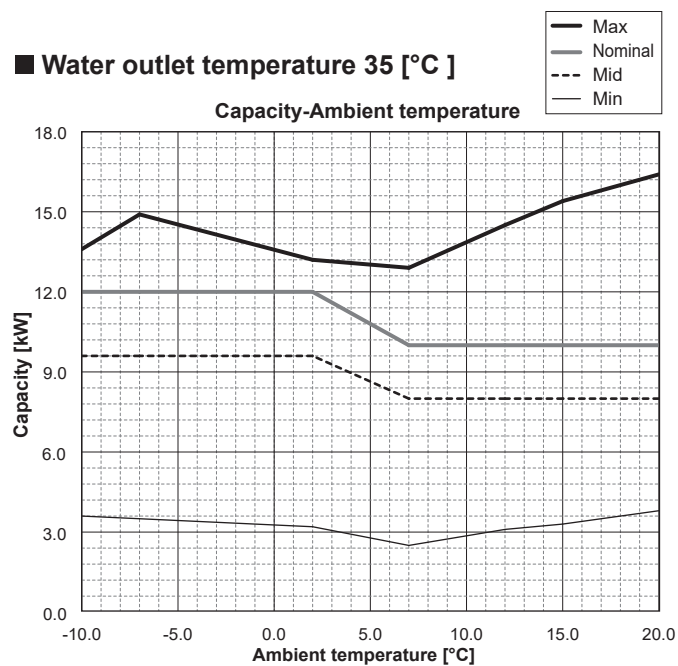


■ Water outlet temperature 55 [°C]

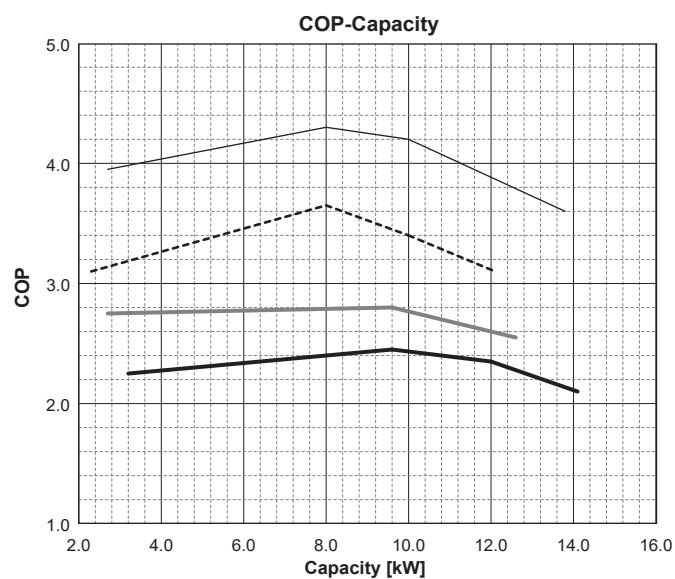
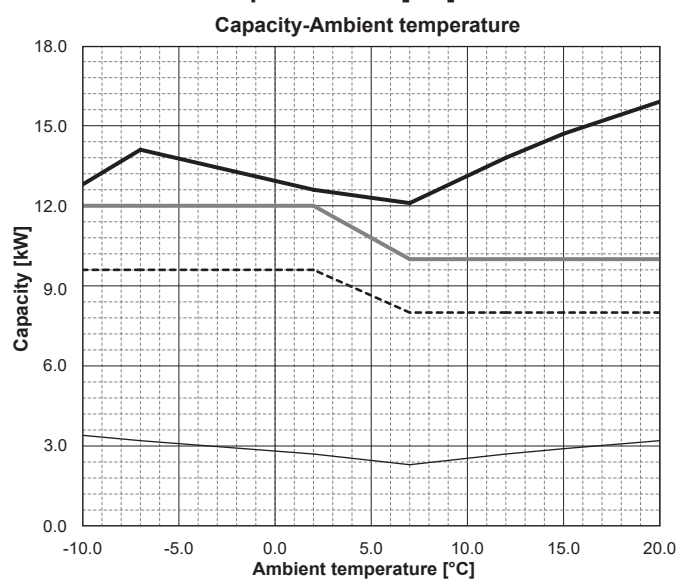


PUD-SHWM120VAA(-BS) PUD-SHWM120YAA(-BS)

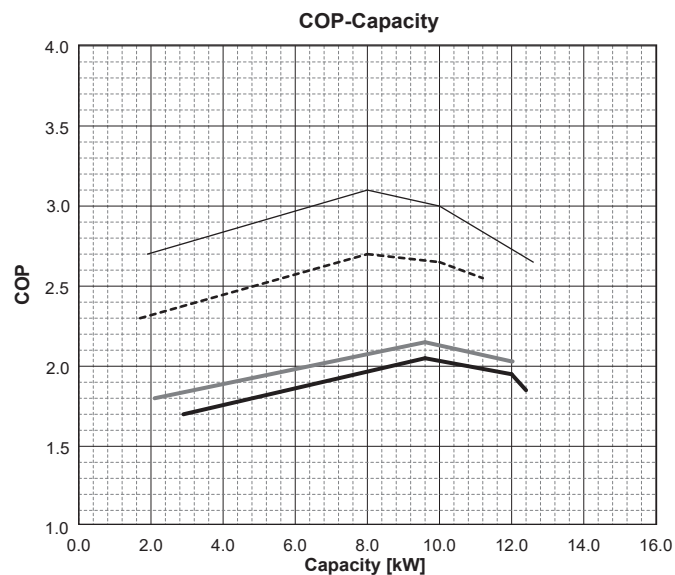
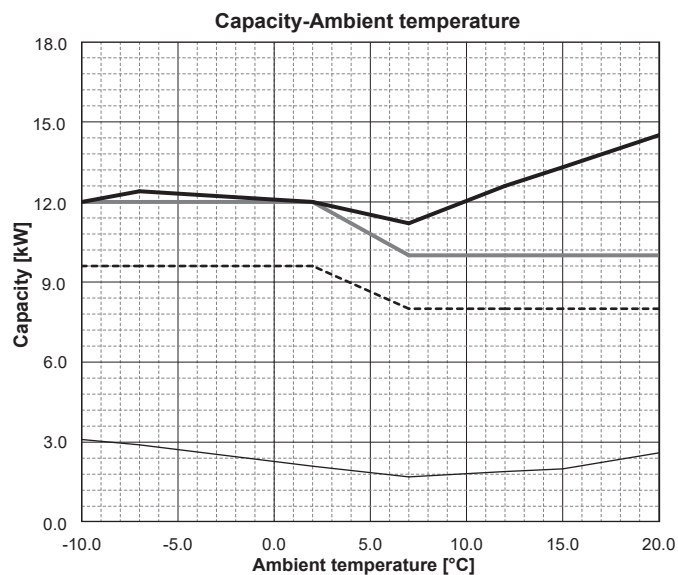
Water outlet temperature 35 [°C]



Water outlet temperature 45 [°C]

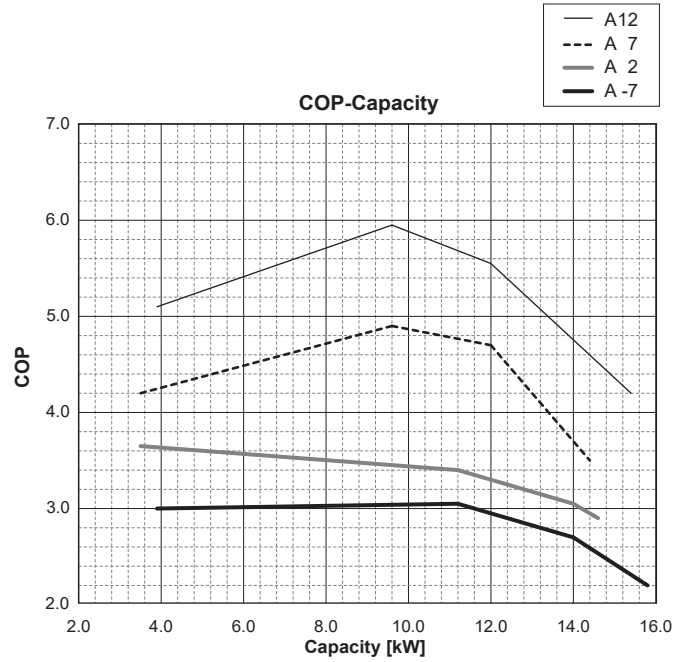
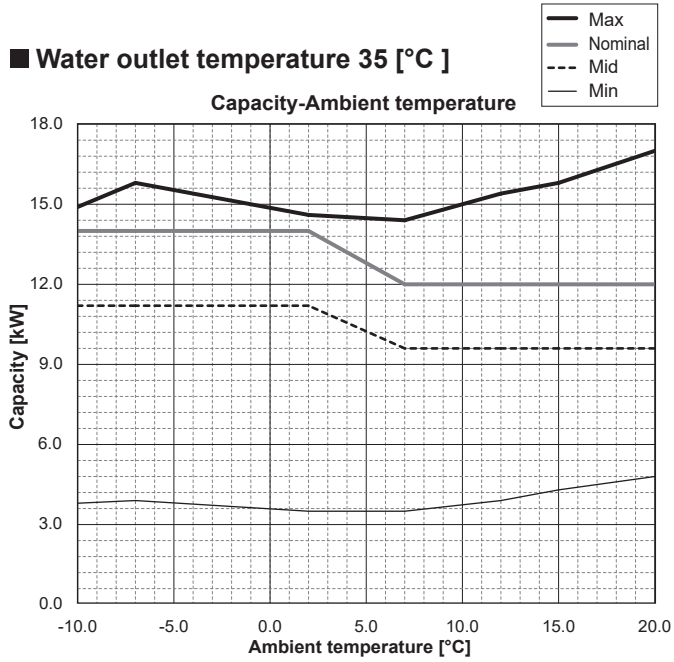


Water outlet temperature 55 [°C]

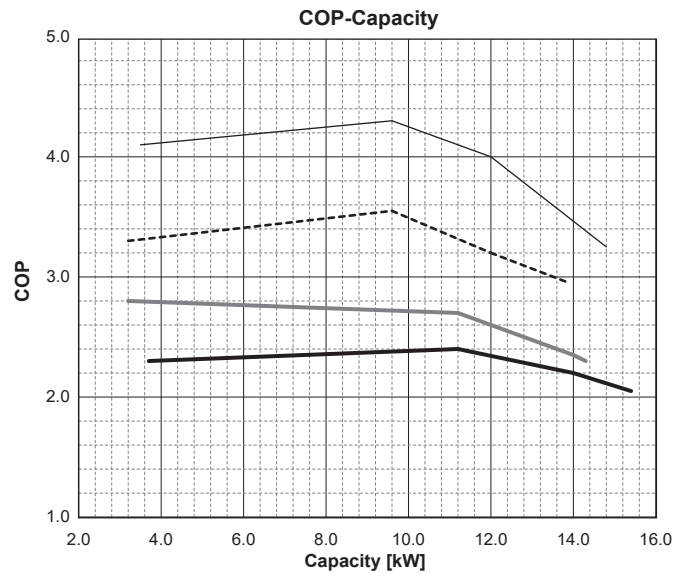
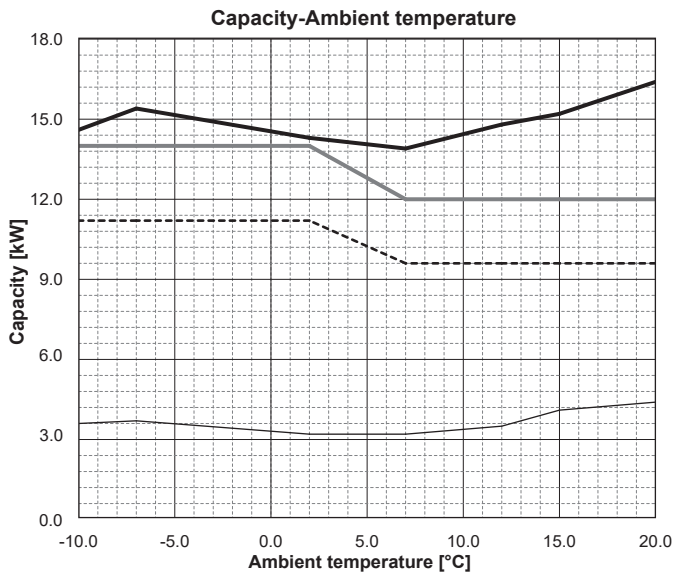


PUD-SHWM140VAA(-BS) PUD-SHWM140YAA(-BS)

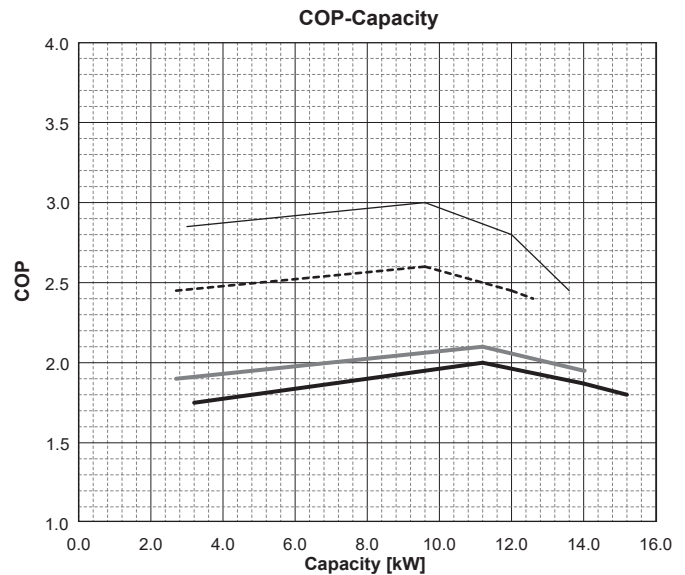
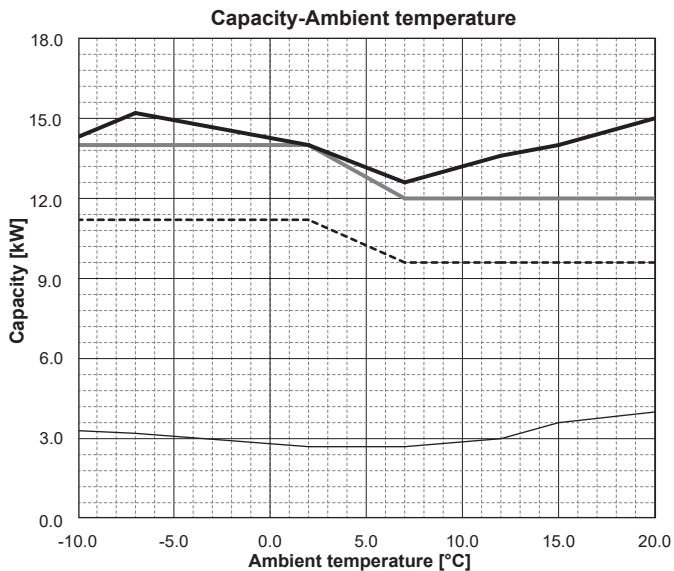
■ Water outlet temperature 35 [°C]



■ Water outlet temperature 45 [°C]

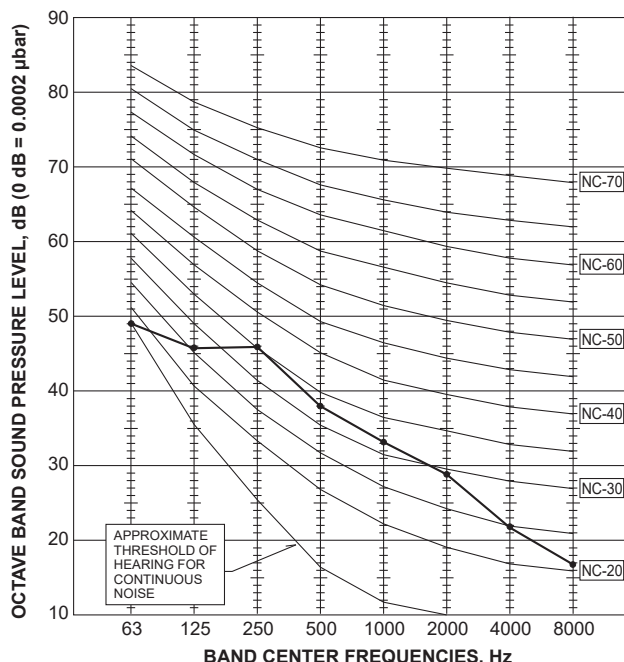


■ Water outlet temperature 55 [°C]



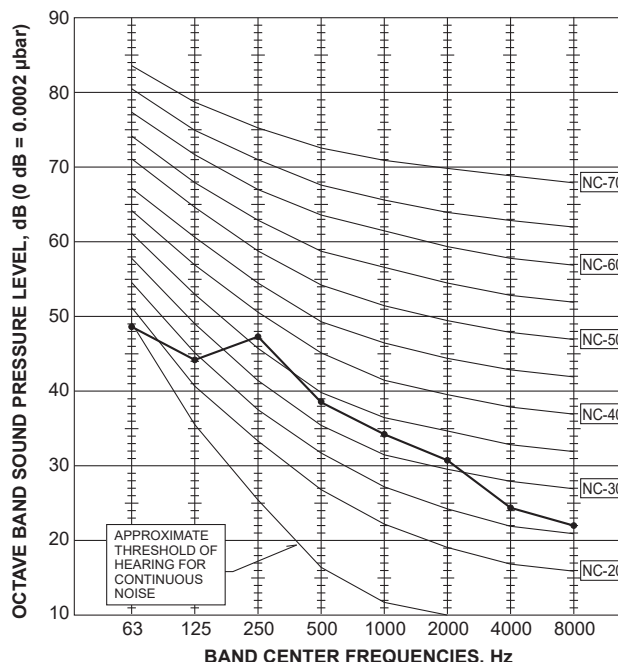
■ PUD-SWM60VAA(-BS) PUD-SHWM60VAA(-BS)

MODE	SPL(dB)	LINE
HEATING	41	●—●



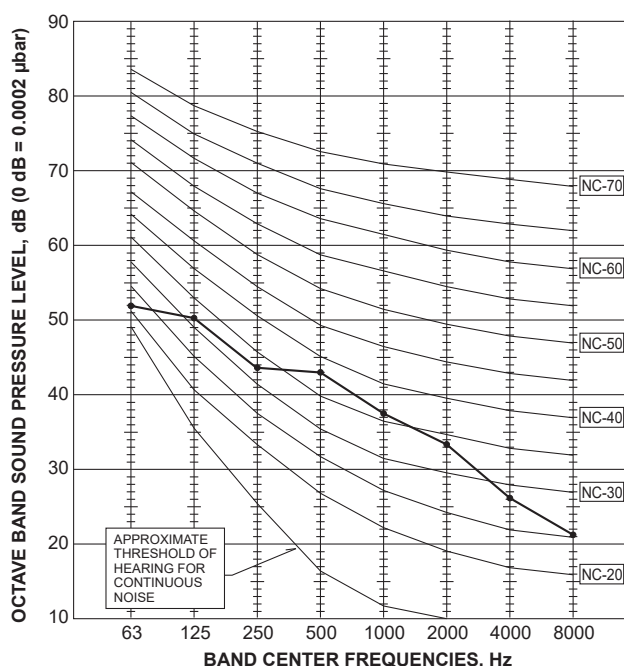
■ PUD-SWM80VAA(-BS) PUD-SWM80YAA(-BS) PUD-SHWM80VAA(-BS) PUD-SHWM80YAA(-BS)

MODE	SPL(dB)	LINE
HEATING	42	●—●



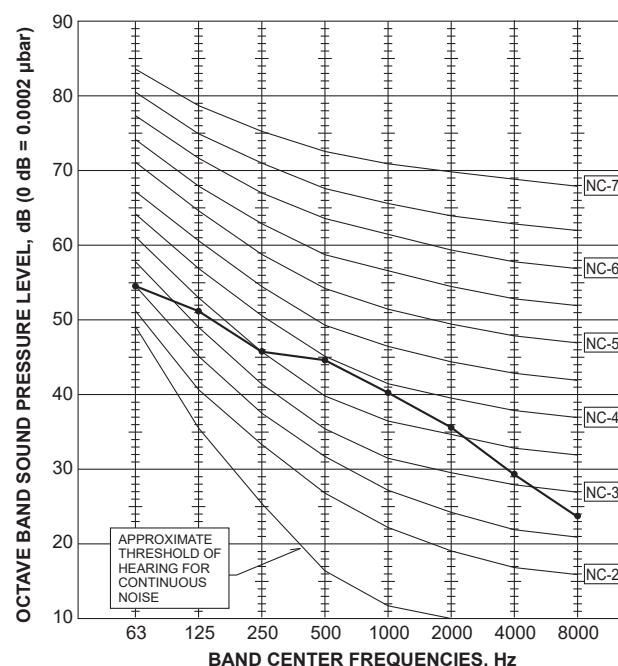
■ PUD-SWM100VAA(-BS) PUD-SWM100YAA(-BS) PUD-SHWM100VAA(-BS) PUD-SHWM100YAA(-BS)

MODE	SPL(dB)	LINE
HEATING	44	●—●



■ PUD-SWM120VAA(-BS) PUD-SWM120YAA(-BS) PUD-SHWM120VAA(-BS) PUD-SHWM120YAA(-BS)

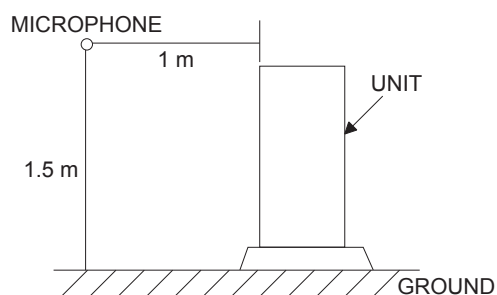
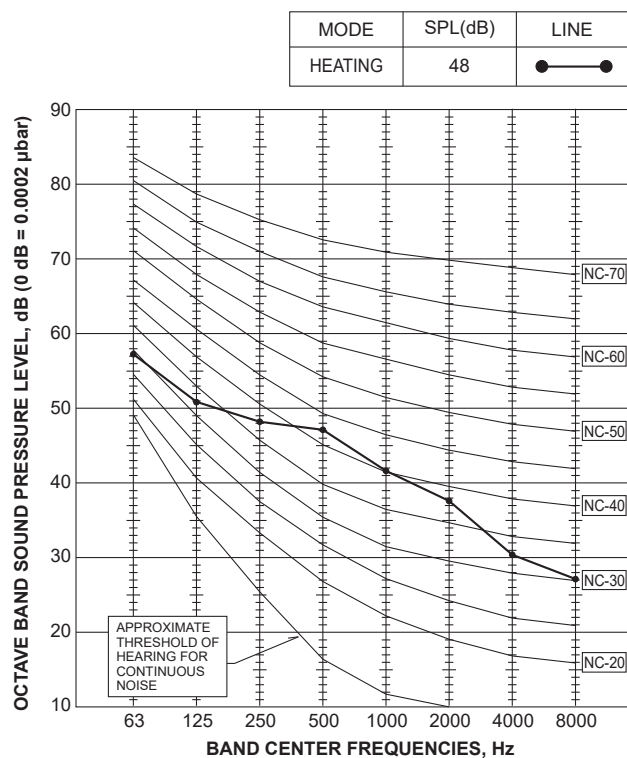
MODE	SPL(dB)	LINE
HEATING	46	●—●



<Notes>

- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

■ PUD-SHWM140VAA(-BS) PUD-SHWM140YAA(-BS)



<Notes>

- 1) Sound data is taken when the system is running stably.
- 2) Relatively large noise could be heard transiently in the case 4-way valve, or LEV operates.

5.4 Best COP

<Notes>

1) These data are measured based on EN14511-2013.

2) Max COP of each model at each condition are shown.

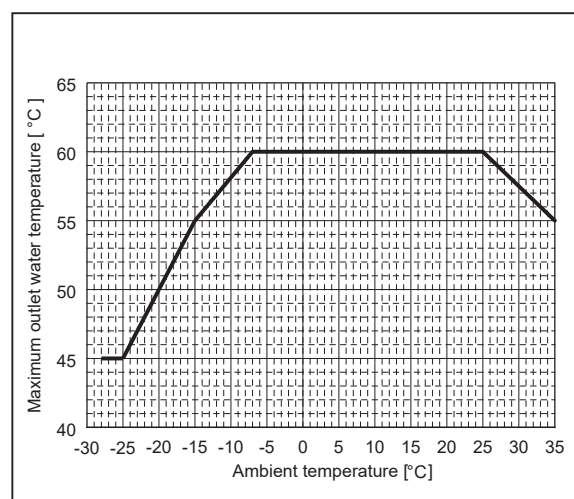
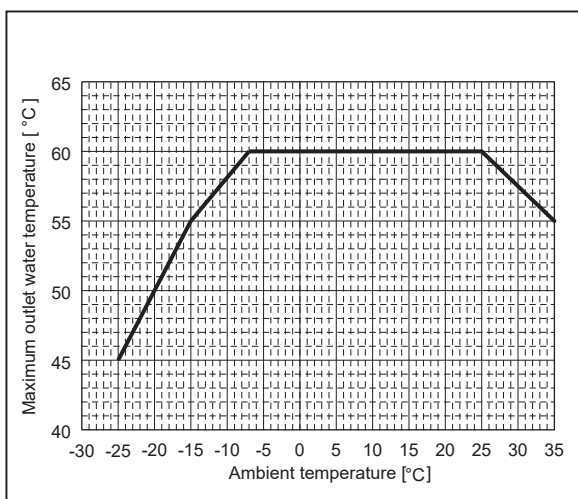
3) Gray highlighted data means integrated data including defrost operation.

Water outlet temperature[°C]		35		45		55	
Ambient temperature[°C]		Capacity	COP	Capacity	COP	Capacity	COP
PUZ-WM50VHA(-BS)	-7	2.7	3.25	3.7	2.42	3.5	1.90
	2	4.0	3.69	4.0	2.77	4.0	2.20
	7	2.5	3.42	2.5	3.47	2.3	2.78
PUZ-WM60VAA(-BS)	-7	1.8	5.46	4.0	4.11	4.0	2.99
	2	4.8	3.25	4.8	2.45	4.8	2.05
	7	4.8	4.00	4.8	3.20	4.8	2.50
PUZ-WM85VAA(-BS) PUZ-WM85YAA(-BS)	-7	3.4	4.40	3.2	3.40	5.3	2.63
	2	2.9	5.45	4.8	4.00	4.8	3.00
	7	6.8	2.60	6.8	2.30	6.4	1.90
PUZ-WM112VAA(-BS) PUZ-WM112YAA(-BS)	-7	6.8	3.75	6.8	3.00	6.8	2.35
	2	3.4	4.15	7.5	3.15	7.5	2.47
	7	3.2	5.20	6.8	3.80	6.8	2.85
PUZ-HWM140VHA(-BS) PUZ-HWM140YHA(-BS)	-7	9.0	3.05	9.0	2.55	8.0	1.90
	2	9.0	3.75	9.0	2.80	8.0	2.10
	7	9.9	3.94	9.9	2.94	8.8	2.21
SUZ-SWM40VA	-7	9.0	4.80	9.0	3.90	8.0	3.00
	2	11.2	3.00	11.2	2.50	11.2	2.10
	7	5.1	3.65	11.2	2.90	11.2	2.55
SUZ-SWM60VA	-7	6.0	3.69	12.3	3.05	12.3	2.68
	2	11.2	4.80	11.2	3.85	11.2	2.90
	7	2.3	3.17	2.1	2.42	1.7	1.61
SUZ-SWM80VA	-7	3.2	4.17	3.2	3.14	3.2	2.19
	2	3.0	4.27	2.9	3.20	2.7	2.23
	7	4.0	5.20	4.0	3.70	4.0	2.61
PUD-SWM60VAA(-BS)	-7	3.9	3.08	3.7	2.51	3.2	1.97
	2	5.8	3.38	5.0	2.68	5.0	2.12
	7	5.4	4.17	4.5	3.31	4.2	2.39
PUD-SWM80VAA(-BS) PUD-SWM80YAA(-BS)	-7	4.8	5.21	5.3	3.62	5.4	2.73
	2	3.9	3.03	3.4	2.46	2.9	1.95
	7	6.5	3.40	6.5	2.73	6.5	2.11
PUD-SWM100VAA(-BS) PUD-SWM100YAA(-BS)	-7	6.0	4.13	5.8	3.28	5.5	2.37
	2	6.0	5.10	6.0	3.72	6.0	2.85
	7	5.0	3.20	5.2	2.50	5.4	2.05
PUD-SWM120VAA(-BS) PUD-SWM120YAA(-BS)	-7	5.2	3.70	5.0	2.90	4.3	2.25
	2	4.3	3.75	4.2	2.95	4.0	2.30
	7	5.5	4.90	5.3	3.65	4.5	2.70
PUD-SHWM60VAA(-BS)	-7	5.0	3.20	5.2	2.50	5.4	2.05
	2	5.2	3.70	5.0	2.90	4.3	2.25
	7	4.3	3.75	4.2	2.95	4.0	2.30
PUD-SHWM80VAA(-BS) PUD-SHWM80YAA(-BS)	-7	5.5	4.90	5.3	3.65	4.8	2.65
	2	6.6	3.15	6.4	2.50	6.2	2.00
	7	7.0	3.70	6.9	3.00	6.8	2.20
PUD-SHWM100VAA(-BS) PUD-SHWM100YAA(-BS)	-7	6.0	4.05	5.9	3.15	5.8	2.30
	2	5.6	5.10	5.4	3.75	5.2	2.80
	7	6.6	3.15	6.4	2.50	6.2	2.00
PUD-SHWM120VAA(-BS) PUD-SHWM120YAA(-BS)	-7	7.0	3.70	6.9	3.00	6.8	2.20
	2	6.0	4.05	5.9	3.15	5.8	2.30
	7	5.6	5.10	5.4	3.75	5.2	2.80
PUD-SHWM140VAA(-BS) PUD-SHWM140YAA(-BS)	-7	5.4	3.20	6.0	2.50	6.0	2.00
	2	5.2	3.85	5.0	3.00	4.3	2.25
	7	4.3	3.95	4.2	3.05	4.0	2.30
PUD-SHWM160VAA(-BS) PUD-SHWM160YAA(-BS)	-7	5.6	5.05	5.4	3.70	4.8	2.70
	2	5.4	3.20	6.0	2.55	6.0	2.10
	7	5.2	3.85	5.0	3.00	4.3	2.25
PUD-SHWM180VAA(-BS) PUD-SHWM180YAA(-BS)	-7	4.3	3.95	4.2	3.05	4.0	2.30
	2	5.6	5.05	5.4	3.70	4.8	2.70
	7	6.6	3.25	6.4	2.60	6.2	2.10
PUD-SHWM200VAA(-BS) PUD-SHWM200YAA(-BS)	-7	7.0	3.70	6.9	3.00	6.8	2.20
	2	6.0	4.05	5.9	3.15	5.8	2.30
	7	5.6	5.10	5.4	3.75	5.2	2.80
PUD-SHWM220VAA(-BS) PUD-SHWM220YAA(-BS)	-7	6.6	3.25	6.4	2.60	6.2	2.10
	2	7.0	3.70	6.9	3.00	6.8	2.20
	7	6.0	4.05	5.9	3.15	5.8	2.30
PUD-SHWM240VAA(-BS) PUD-SHWM240YAA(-BS)	-7	5.6	5.10	5.4	3.75	5.2	2.80
	2	6.9	3.30	6.7	2.60	6.5	2.15
	7	7.3	3.70	7.2	2.95	7.0	2.20
PUD-SHWM260VAA(-BS) PUD-SHWM260YAA(-BS)	-7	6.0	4.00	5.9	3.20	5.8	2.40
	2	6.7	5.00	6.6	3.75	6.5	2.80
	7						

(2) Split-type units

PUD-SWM60VAA(-BS) PUD-SWM100VAA(-BS)
 PUD-SWM80VAA(-BS) PUD-SWM100YAA(-BS)
 PUD-SWM80YAA(-BS) PUD-SWM120VAA(-BS)
 PUD-SWM120YAA(-BS)

PUD-SHWM60VAA(-BS) PUD-SHWM120VAA(-BS)
 PUD-SHWM80VAA(-BS) PUD-SHWM120YAA(-BS)
 PUD-SHWM80YAA(-BS) PUD-SHWM140VAA(-BS)
 PUD-SHWM100VAA(-BS) PUD-SHWM140YAA(-BS)
 PUD-SHWM100YAA(-BS)



MITSUBISHI ELECTRIC
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 Fax: +44 (0)1506 445511

DECLARATION OF CONFORMITY

This declaration of conformity is issued under the sole responsibility of the manufacturer.

We MITSUBISHI ELECTRIC AIR CONDITIONING SYSTEMS EUROPE LTD.

NETTLEHILL ROAD HOUSTOUN INDUSTRIAL ESTATE LIVINGSTON EH54 5EQ SCOTLAND,
 UNITED KINGDOM

**are the manufacturer of below models and hereby declares under its sole responsibility that the
 AIR CONDITIONERS and HEAT PUMPS described below for use in residential, commercial and
 light-industrial environments:**

MITSUBISHI ELECTRIC, PUD-SWM60VAA, PUD-SWM60VAA-BS, PUD-SWM80VAA, PUD-SWM80VAA-BS,
 PUD-SHWM60VAA, PUD-SHWM60VAA-BS, PUD-SHWM80VAA, PUD-SHWM80VAA-BS,
 PUD-SWM100VAA, PUD-SWM100VAA-BS, PUD-SWM120VAA, PUD-SWM120VAA-BS,
 PUD-SHWM100VAA, PUD-SHWM100VAA-BS, PUD-SHWM120VAA, PUD-SHWM120VAA-BS

**comply with the provisions of the following European Directives, the harmonised standards and
 the specifications.:**

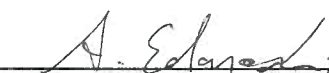
Directives	Standards / Specifications
2014/35/EU: Low Voltage Directive	EN 60335-1:2002 / A11:2004 / A1:2004 / A12:2006 / A2:2006 / A13:2008 / A14:2010 / A15:2011, EN 60335-2-40:2003 / A11:2004 / A12:2005 / A1:2006 / A2:2009 / A13:2012, EN 62233: 2008, IEC 60335-1:2010 / A1:2013 / A2:2016, IEC 60335-2-40:2018
2006/42/EC: Machinery Directive	EN 60335-1:2002 / A11:2004 / A1:2004 / A12:2006 / A2:2006 / A13:2008 / A14:2010 / A15:2011, EN 60335-2-40:2003 / A11:2004 / A12:2005 / A1:2006 / A2:2009 / A13:2012
2014/30/EU: Electromagnetic Compatibility Directive	EN 55014-1: 2006 / A1:2009 / A2:2011, EN 61000-3-12: 2011, EN 61000-3-11: 2000, EN 55014-2: 1997 / A1: 2001 / A2: 2008 (Category IV)
2011/65/EU, (EU) 2015/863 and (EU) 2017/2102: RoHS Directive	EN 50581:2012
2009/125/EC: Energy-related Products Directive and Regulation (EU) No 813/2013	EN 12102-1:2017, EN 14511-2:2013, EN 14511-3:2013, EN 14825:2016, EN 16147:2011

Please refer to <http://erp.mitsubishielectric.eu/erp> for more information of 2009/125/EC.

Information of 2014/68/EU Pressure Equipment

Pressure Component	Compressor	Category II
	Pressure Switch	Category IV
Applied conformity assessment procedure:	Internal manufacturing checks with monitoring of the final assessment (module D1)	
The monitoring is performed by the Notified Body:	BSI Group The Netherlands B.V. Say Building, John M. Keynesplein 9, 1066 EP Amsterdam, Netherlands	

Issued date: 1 February, 2020



Atsushi EDAYOSHI

Manager, Quality Assurance Department

UNITED KINGDOM

Revised date: ---

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 PUD-SHWM100YAA-BS, PUD-SHWM120YAA, PUD-SHWM120YAA-BS, PUD-SHWM140YAA,
 PUD-SHWM140YAA-BS

**comply with the provisions of the following European Directives, the harmonised standards and
the specifications.:**

Directives	Standards / Specifications
2014/35/EU: Low Voltage Directive	EN 60335-1:2002 / A11:2004 / A1:2004 / A12:2006 / A2:2006 / A13:2008 / A14:2010 / A15:2011, EN 60335-2-40:2003 / A11:2004 / A12:2005 / A1:2006 / A2:2009 / A13:2012, EN 62233: 2008, IEC 60335-1:2010 / A1:2013 / A2:2016, IEC 60335-2-40:2018
2006/42/EC: Machinery Directive	EN 60335-1:2002 / A11:2004 / A1:2004 / A12:2006 / A2:2006 / A13:2008 / A14:2010 / A15:2011, EN 60335-2-40:2003 / A11:2004 / A12:2005 / A1:2006 / A2:2009 / A13:2012
2014/30/EU: Electromagnetic Compatibility Directive	EN 55014-1: 2006 / A1:2009 / A2:2011, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 55014-2: 1997 / A1: 2001 / A2: 2008 (Category IV)
2011/65/EU, (EU) 2015/863 and (EU) 2017/2102: RoHS Directive	EN 50581:2012
2009/125/EC: Energy-related Products Directive and Regulation (EU) No 813/2013	EN 12102-1:2017, EN 14511-2:2013, EN 14511-3:2013, EN 14825:2016, EN 16147:2011

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Revised date: ---