

冷暖平均COP比較(50Hz/60Hz共通)

■空冷式ヒートポンプチャラーDT-RIII

現行機種								旧機種									旧機種比
形名	冷却			加熱			平均COP	形名	冷却			加熱			平均COP		
	能力	入力	COP	能力	入力	COP			能力	入力	COP	能力	入力	COP			
CAHV-MP1180B(-BS,-BSG)	118	32.68	3.61	118	32.41	3.64	3.62	CAHV-P1180A2(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	98.1%	
CAHV-MP1500B(-BS,-BSG)	150	43.85	3.42	150	42.61	3.52	3.47	CAHV-P1500A2(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	100.9%	
CAHV-MP1800B(-BS,-BSG)	180	55.90	3.22	180	53.09	3.39	3.30	CAHV-P1800A2(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	102.2%	
CAHV-MP1180B-P(-BS,-BSG)	118	32.68	3.61	118	32.41	3.64	3.62	CAHV-P1180A2-P(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	98.1%	
CAHV-MP1500B-P(-BS,-BSG)	150	43.85	3.42	150	42.61	3.52	3.47	CAHV-P1500A2-P(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	100.9%	
CAHV-MP1800B-P(-BS,-BSG)	180	55.90	3.22	180	53.09	3.39	3.30	CAHV-P1800A2-P(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	102.2%	
CAHV-MP1180B-N(-BS,-BSG)	118	32.68	3.61	118	32.41	3.64	3.62	CAHV-P1180A2-N(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	98.1%	
CAHV-MP1500B-N(-BS,-BSG)	150	43.85	3.42	150	42.61	3.52	3.47	CAHV-P1500A2-N(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	100.9%	
CAHV-MP1800B-N(-BS,-BSG)	180	55.90	3.22	180	53.09	3.39	3.30	CAHV-P1800A2-N(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	102.2%	
CAHV-MP1180VB(-BS,-BSG)	118	32.68	3.61	118	32.41	3.64	3.62	CAHV-P1180VA2(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	98.1%	
CAHV-MP1500VB(-BS,-BSG)	150	43.85	3.42	150	42.61	3.52	3.47	CAHV-P1500VA2(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	100.9%	
CAHV-MP1800VB(-BS,-BSG)	180	55.90	3.22	180	53.09	3.39	3.30	CAHV-P1800VA2(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	102.2%	
CAHV-MP1180VB-P(-BS,-BSG)	118	32.68	3.61	118	32.41	3.64	3.62	CAHV-P1180VA2-P(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	98.1%	
CAHV-MP1500VB-P(-BS,-BSG)	150	43.85	3.42	150	42.61	3.52	3.47	CAHV-P1500VA2-P(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	100.9%	
CAHV-MP1800VB-P(-BS,-BSG)	180	55.90	3.22	180	53.09	3.39	3.30	CAHV-P1800VA2-P(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	102.2%	
CAHV-MP1180VB-N(-BS,-BSG)	118	32.68	3.61	118	32.41	3.64	3.62	CAHV-P1180VA2-N(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	98.1%	
CAHV-MP1500VB-N(-BS,-BSG)	150	43.85	3.42	150	42.61	3.52	3.47	CAHV-P1500VA2-N(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	100.9%	
CAHV-MP1800VB-N(-BS,-BSG)	180	55.90	3.22	180	53.09	3.39	3.30	CAHV-P1800VA2-N(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	102.2%	

※平均COPの計算方法

平均COP = (冷却COP+加熱COP) ÷ 2
(小数点以下第3位切り捨て)

冷暖平均COP比較(50Hz/60Hz共通)

■空冷式ヒートポンプチラーDT-R II (散水無し)

現行機種								旧機種									旧機種比
形名	冷却			加熱			平均COP	形名	冷却			加熱			平均COP		
	能力	入力	COP	能力	入力	COP			能力	入力	COP	能力	入力	COP			
CAHV-P850A2(-BS,-BSG)	85	21.57	3.94	85	22.43	3.78	3.86	CAHV-P850A(-BS,-BSG)	85	21.68	3.92	85	22.48	3.78	3.85	100.3%	
CAHV-P1180A2(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	CAHV-P1180A(-BS,-BSG)	118	31.38	3.76	118	32.68	3.61	3.68	100.3%	
CAHV-P1500A2(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	CAHV-P1500A(-BS,-BSG)	150	44.24	3.39	150	45.18	3.32	3.35	102.7%	
CAHV-P1800A2(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	CAHV-P1800A(-BS,-BSG)	180	59.00	3.05	180	57.32	3.14	3.09	104.5%	
CAHV-P850A2-P(-BS,-BSG)	85	21.57	3.94	85	22.43	3.78	3.86	CAHV-P850A-P(-BS,-BSG)	85	21.68	3.92	85	22.48	3.78	3.85	100.3%	
CAHV-P1180A2-P(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	CAHV-P1180A-P(-BS,-BSG)	118	31.38	3.76	118	32.68	3.61	3.68	100.3%	
CAHV-P1500A2-P(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	CAHV-P1500A-P(-BS,-BSG)	150	44.24	3.39	150	45.18	3.32	3.35	102.7%	
CAHV-P1800A2-P(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	CAHV-P1800A-P(-BS,-BSG)	180	59.00	3.05	180	57.32	3.14	3.09	104.5%	
CAHV-P850A2-N(-BS,-BSG)	85	21.57	3.94	85	22.43	3.78	3.86	CAHV-P850A-N(-BS,-BSG)	85	21.68	3.92	85	22.48	3.78	3.85	100.3%	
CAHV-P1180A2-N(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	CAHV-P1180A-N(-BS,-BSG)	118	31.38	3.76	118	32.68	3.61	3.68	100.3%	
CAHV-P1500A2-N(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	CAHV-P1500A-N(-BS,-BSG)	150	44.24	3.39	150	45.18	3.32	3.35	102.7%	
CAHV-P1800A2-N(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	CAHV-P1800A-N(-BS,-BSG)	180	59.00	3.05	180	57.32	3.14	3.09	104.5%	
CAHV-P850VA2(-BS,-BSG)	85	21.57	3.94	85	22.43	3.78	3.86	CAHV-P850VA(-BS,-BSG)	85	21.68	3.92	85	22.48	3.78	3.85	100.3%	
CAHV-P1180VA2(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	CAHV-P1180VA(-BS,-BSG)	118	31.38	3.76	118	32.68	3.61	3.68	100.3%	
CAHV-P1500VA2(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	CAHV-P1500VA(-BS,-BSG)	150	44.24	3.39	150	45.18	3.32	3.35	102.7%	
CAHV-P1800VA2(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	CAHV-P1800VA(-BS,-BSG)	180	59.00	3.05	180	57.32	3.14	3.09	104.5%	
CAHV-P850VA2-P(-BS,-BSG)	85	21.57	3.94	85	22.43	3.78	3.86	CAHV-P850VA-P(-BS,-BSG)	85	21.68	3.92	85	22.48	3.78	3.85	100.3%	
CAHV-P1180VA2-P(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	CAHV-P1180VA-P(-BS,-BSG)	118	31.38	3.76	118	32.68	3.61	3.68	100.3%	
CAHV-P1500VA2-P(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	CAHV-P1500VA-P(-BS,-BSG)	150	44.24	3.39	150	45.18	3.32	3.35	102.7%	
CAHV-P1800VA2-P(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	CAHV-P1800VA-P(-BS,-BSG)	180	59.00	3.05	180	57.32	3.14	3.09	104.5%	
CAHV-P850VA2-N(-BS,-BSG)	85	21.57	3.94	85	22.43	3.78	3.86	CAHV-P850VA-N(-BS,-BSG)	85	21.68	3.92	85	22.48	3.78	3.85	100.3%	
CAHV-P1180VA2-N(-BS,-BSG)	118	31.29	3.77	118	32.63	3.61	3.69	CAHV-P1180VA-N(-BS,-BSG)	118	31.38	3.76	118	32.68	3.61	3.68	100.3%	
CAHV-P1500VA2-N(-BS,-BSG)	150	43.79	3.42	150	43.29	3.46	3.44	CAHV-P1500VA-N(-BS,-BSG)	150	44.24	3.39	150	45.18	3.32	3.35	102.7%	
CAHV-P1800VA2-N(-BS,-BSG)	180	57.29	3.14	180	54.06	3.32	3.23	CAHV-P1800VA-N(-BS,-BSG)	180	59.00	3.05	180	57.32	3.14	3.09	104.5%	

※平均COPの計算方法

$$\text{平均COP} = (\text{冷却COP} + \text{加熱COP}) \div 2$$

(小数点以下第3位切り捨て)

冷暖平均COP比較(50Hz/60Hz共通)

■空冷式ヒートポンプチャラーDT-RⅡ(散水有り)

現行機種								旧機種								旧機種比
形名	冷却			加熱			平均COP	形名	冷却			加熱			平均COP	
	能力	入力	COP	能力	入力	COP			能力	入力	COP	能力	入力	COP		
CAHV-P850AE2(-BS,-BSG)	85	18.24	4.66	85	22.43	3.78	4.22	CAHV-P850AE(-BS,-BSG)	85	18.33	4.64	85	22.48	3.78	4.21	100.2%
CAHV-P1180AE2(-BS,-BSG)	118	26.57	4.44	118	32.63	3.61	4.02	CAHV-P1180AE(-BS,-BSG)	118	26.61	4.43	118	32.68	3.61	4.02	100.0%
CAHV-P1500AE2(-BS,-BSG)	150	36.40	4.12	150	43.29	3.46	3.79	CAHV-P1500AE(-BS,-BSG)	150	36.69	4.09	150	45.18	3.32	3.70	102.4%
CAHV-P1800AE2(-BS,-BSG)	180	47.24	3.81	180	54.06	3.32	3.56	CAHV-P1800AE(-BS,-BSG)	180	48.62	3.70	180	57.32	3.14	3.42	104.1%
CAHV-P850AE2-P(-BS,-BSG)	85	18.24	4.66	85	22.43	3.78	4.22	CAHV-P850AE-P(-BS,-BSG)	85	18.33	4.64	85	22.48	3.78	4.21	100.2%
CAHV-P1180AE2-P(-BS,-BSG)	118	26.57	4.44	118	32.63	3.61	4.02	CAHV-P1180AE-P(-BS,-BSG)	118	26.61	4.43	118	32.68	3.61	4.02	100.0%
CAHV-P1500AE2-P(-BS,-BSG)	150	36.40	4.12	150	43.29	3.46	3.79	CAHV-P1500AE-P(-BS,-BSG)	150	36.69	4.09	150	45.18	3.32	3.70	102.4%
CAHV-P1800AE2-P(-BS,-BSG)	180	47.24	3.81	180	54.06	3.32	3.56	CAHV-P1800AE-P(-BS,-BSG)	180	48.62	3.70	180	57.32	3.14	3.42	104.1%
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CAHV-P1180AE2-N(-BS,-BSG)	118	26.57	4.44	118	32.63	3.61	4.02	CAHV-P1180AE-N(-BS,-BSG)	118	26.61	4.43	118	32.68	3.61	4.02	100.0%
CAHV-P1500AE2-N(-BS,-BSG)	150	36.40	4.12	150	43.29	3.46	3.79	CAHV-P1500AE-N(-BS,-BSG)	150	36.69	4.09	150	45.18	3.32	3.70	102.4%
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CAHV-P1500VAE2(-BS,-BSG)	150	36.40	4.12	150	43.29	3.46	3.79	CAHV-P1500VAE(-BS,-BSG)	150	36.69	4.09	150	45.18	3.32	3.70	102.4%
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CAHV-P1180VAE2-P(-BS,-BSG)	118	26.57	4.44	118	32.63	3.61	4.02	CAHV-P1180VAE-P(-BS,-BSG)	118	26.61	4.43	118	32.68	3.61	4.02	100.0%
CAHV-P1500VAE2-P(-BS,-BSG)	150	36.40	4.12	150	43.29	3.46	3.79	CAHV-P1500VAE-P(-BS,-BSG)	150	36.69	4.09	150	45.18	3.32	3.70	102.4%
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CAHV-P1180VAE2-N(-BS,-BSG)	118	26.57	4.44	118	32.63	3.61	4.02	CAHV-P1180VAE-N(-BS,-BSG)	118	26.61	4.43	118	32.68	3.61	4.02	100.0%
CAHV-P1500VAE2-N(-BS,-BSG)	150	36.40	4.12	150	43.29	3.46	3.79	CAHV-P1500VAE-N(-BS,-BSG)	150	36.69	4.09	150	45.18	3.32	3.70	102.4%
CAHV-P1800VAE2-N(-BS,-BSG)	180	47.24	3.81	180	54.06	3.32	3.56	CAHV-P1800VAE-N(-BS,-BSG)	180	48.62	3.70	180	57.32	3.14	3.42	104.1%

※平均COPの計算方法
 平均COP = (冷却COP+加熱COP) ÷ 2
 (小数点以下第3位切り捨て)