

Europe

Model Code			K-series (Jungfrau-F)			Y-series (Jungfrau-P)		
			AQV09KBBN	AQV12KBBN	AQV18KBBN	AQV09YWAN	AQV12YWAN	AQV18YWAN
AC Type			INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A
Performance								
Capacity	Cooling	Btu/hr.	8,530	11,942	17,060	8,530	11,942	17,060
		(min-max)	3378-11260	3378-13648	5459-20472	3378-10918	3378-13648	5459-20472
		Kcal/hr.	2,150	3,010	4,300	2,150	3,010	4,300
		(min-max)	850-2840	850-3870	1380-5160	850-2750	850-3870	1380-5160
		kW	2.5	3.5	5	2.5	3.5	5.0
		(min-max)	0.99-3.3	0.99-4.0	1.6-6.0	0.99-3.3	0.99-4.0	1.6-6.0
	Heating	Btu/hr.	10,918	13,648	20,472	10,918	13,648	20,472
		(min-max)	3378-20472	3378-22519	4094-25590	3378-16036	3310-18425	4094-25590
		Kcal/hr.	2,752	3,440	5,160	3,010	3,440	5,160
		(min-max)	850-5160	850-6020	1030-6450	850-4040	830-4640	1030-6450
		kW	3.2	4.0	6.0	3.2	4.0	6.0
		(min-max)	0.99-6.0	0.99-6.6	1.2-7.5	0.99-4.7	0.99-5.4	1.2-7.5
Energy Efficiency	Cooling	EER(Btu/W)	17.7	15.4	11.0	16.4	14.0	11.0
		EER(W/W)	5.20	4.50	3.21	4.80	4.10	3.21
	Heating	COP(W/W)	5.20	4.50	3.61	4.80	4.10	3.61
		Moisture Removal	l/hr.	0.8	1.3	2.0	0.6	1.1
Air Circulation (Max)		m ³ /min	9.6	10.1	14.4	10.3	11.0	14.4
		Noise Level	Indoor High/Low	39/20	41/20	43/26	39/21	41/21
	Outdoor High	dB	45	45	50	45	45	50
		Electrical Data	V/Hz/Ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Power Source	Cooling	W	480	780	1560	520	850	1560
		Heating	620	890	1660	670	980	1660
Operating Current	Cooling	A	2.4	3.8	7.4	2.5	3.9	7.4
		Heating	3.0	4.1	7.7	3.1	4.5	7.7
Dimension & Loading Q'ty								
Net Dimension (W*H*D)	Indoor	mm	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237	880*313*237
		Outdoor	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285	790*545*285
Net Weight	Indoor	kg	12.1	12.1	12.4	11.2	11.2	12.4
		Outdoor	35.5	35.5	37.7	31.2	31.2	37.7
Shipping Weight	Indoor	kg	14.7	14.7	14.9	13.9	13.9	14.9
		Outdoor	38.6	38.6	40.8	34.3	34.3	40.8
Loading Q'ty	W Pipe	20/40/40HC	83/172/198	83/172/198	83/172/198	83/172/198	83/172/198	83/172/198
		W/O Pipe	84/174/198	84/174/198	84/174/198	84/174/198	84/174/198	84/174/198
Technical Information								
SVC Valve	Liquid	OD	Ø 6.35mm	Ø 6.35mm	Ø 6.35mm	Ø 6.35mm	Ø 6.35mm	Ø 6.35mm
		Gas	Ø 9.52mm	Ø 9.52mm	Ø 12.7mm	Ø 9.52mm	Ø 9.52mm	Ø 12.7mm
Piping Length	Max	m	15	15	30	15	15	30
		Piping Height	Max	8	8	15	8	8
Features								
Air Purification	S-Plasma ion	•	•	•	•	•	•	•
	Auto Roof Shutter	-	-	-	-	-	-	-
	Full HD Filter	90	90	90	90	90	90	90
	DNA Filter	-	-	-	-	-	-	-
	Deodorizing Filter	-	-	-	-	-	-	-
	Catechin Filter	-	-	-	-	-	-	-
	Allergy Care	•	•	•	•	•	•	•
	Anti-bacteria Coating	-	-	-	-	-	-	-
	Auto Clean	•	•	•	•	•	•	•
	Wide Twin Blade	•	•	•	•	•	•	•
Air Flow	Optimal Single Blade	-	-	-	-	-	-	-
	Fan speed(Steps)	4	4	4	4	4	4	
	Air Direction (Up/Down)	Auto	Auto	Auto	Auto	Auto	Auto	
	Air Direction (Left/Right)	Auto	Auto	Auto	Auto	Auto	Auto	
Operating Mode	Natural Breeze	•	•	•	•	•	•	•
	d'light Cool	•	•	•	•	•	•	•
	good'sleep	•	•	•	•	•	•	•
	Smart Saver	•	•	•	•	•	•	•
	Turbo	•	•	•	•	•	•	•
	Dehumidification	•	•	•	•	•	•	•
	Auto Mode	•	•	•	•	•	•	•
	Fan Mode	•	•	•	•	•	•	•
	Quiet Mode	•	•	•	•	•	•	•
	Smart wifi	•	•	•	•	•	•	•
Convenience	Filter Cleaning Indicator	-	-	-	-	-	-	-
	Temp. Display	•	•	•	•	•	•	•
	Remote Controller	•	•	•	•	•	•	•
	Display On/Off	•	•	•	•	•	•	•
	Beep On/Off	•	•	•	•	•	•	•
	Real-time Timer	•	•	•	•	•	•	•
	24-Hour Timer	-	-	-	-	-	-	-
	Auto Restart	•	•	•	•	•	•	•
	Auto Changeover	•	•	•	•	•	•	•
	Outdoor Unit	Compressor Type	Twin BLDC	Twin BLDC	Twin BLDC	BLDC	BLDC	Twin BLDC
Low Ambient	Cooling	°C	-10-46	-10-46	-10-46	-10-46	-10-46	-10-46
		Heating	-15-24	-15-24	-15-24	-15-24	-15-24	-15-24

* Features may vary by model, as a continuing policy of product improvement, the design and specifications are subject to change without notice.

Model Code			P-series (Maldives++)				P-series (Maldives)			
			AQV09PMEN	AQV12PMEN	AQV18PMBN	AQV24PMBN	AQV09PSBN	AQV12PSBN	AQV18PSBN	AQV24PSBN
AC Type			INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP	INV. HP
Refrigerant Type			R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Performance										
Capacity	Cooling	Btu/hr.	8,500	11,940	17,060	23,202	8,530	11,942	17,060	23,202
		(min-max)	3300-11300	3300-13650	5459-20472	7506-27296	3310-11260	3310-13648	5459-20472	7506-27296
		Kcal/hr.	2,150	3,000	4,300	5,848	2,150	3,010	4,300	5,848
		(min-max)	835-2840	835-3440	1380-5160	1890-6880	830-2840	830-3440	1380-5160	1890-6880
		kW	2.5	3.5	5	6.8	2.5	3.5	5	6.8
		(min-max)	0.97-3.3	0.97-4.0	1.6-6.0	2.2-8.0	0.97-3.3	0.97-4.0	1.6-6.0	2.2-8.0
	Heating	Btu/hr.	11,300	13,650	20,472	26,614	11,260	13,648	20,472	26,614
		(min-max)	3300-16000	3300-18400	4094-25590	6483-34120	3310-16036	3310-18425	4094-25590	6483-34120
		Kcal/hr.	2,840	3,440	5,160	6,708	2,838	3,440	5,160	6,708
		(min-max)	835-4040	835-4650	1030-6450	1630-8600	830-4040	830-4640	1030-6450	1630-8600
		kW	3.3	4.0	6.0	7.8	3.3	4.0	6.0	7.8
		(min-max)	0.97-4.7	0.97-5.4	1.2-7.5	1.9-10.0	0.97-4.7	0.97-5.4	1.2-7.5	1.9-10.0
Energy Efficiency	Cooling	EER(Btu/W)	14.7	12.3	11.6	11.0	13.7	11.3	11.6	11.0
		EER(W/W)	4.30	3.60	3.40	3.21	4.02	3.30	3.40	3.21
	Heating	COP(W/W)	4.10	3.70	3.61	3.61	4.10	3.70	3.61	3.61
		Moisture Removal	l/hr.	0.9	1.4	2.0	3.1	0.9	1.4	2.0
Air Circulation (Max)		m ³ /min	11.3	11.5	13.8	17.1	9.0	9.8	13.8	17.1
		Noise Level	Indoor High/Low	36/21	38/21	40/30	41/30	36/21	38/21	40/30
	Outdoor High	dB	45	45	53	55	45	45	53	55
		Electrical Data	V/Hz/Ø	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Power Source	Cooling	W	580	970	1470	2120	620	1060	1470	2120
		Heating	800	1080	1660	2160	800	1080	1660	2160
Operating Current	Cooling	A	3.2	4.8	6.8	9.5	3	4.8	6.8	9.5
		Heating	3.8	4.9	7.7	10	3.8	4.9	7.7	10
Dimension & Loading Q'ty										
Net Dimension (W*H*D)	Indoor	mm	820*285*205	820*285*205	1065*298*230	1065*298*230	820*285*205	820*285*205	1065*298*230	1065*298*230
		Outdoor	790*545*285	790*545*285	790*545*285	880*798*310	790*545*285	790*545*285	790*545*285	880*798*310
Net Weight	Indoor	kg	8.2	8.2	11.5	11.5	8.2	8.2	11.5	11.5
		Outdoor	31.2	31.2	38	53.5	30.5	30.5	38	53.5
Shipping Weight	Indoor	kg	10.2	10.2	14.5	14.5	10.4	10.4	14.5	14.5
		Outdoor	34.3	34.3	42	58	34.5	34.5	42	58
Loading Q'ty	W Pipe	20/40/40HC	83/172/198	83/172/198	78/162/181	52/108/124	83/172/198	83/172/198	78/162/181	52/108/124
		W/O Pipe	84/184/210	84/184/210	78/164/186	52/108/124	84/184/210	84/184/210	78/164/186	52/108/124
Technical Information										
SVC Valve	Liquid	OD	Ø 6.35mm	Ø 6.35mm	Ø 6.35mm	Ø 6.35mm	Ø 6.35mm	Ø 6.35mm	Ø 6.35mm	Ø 6.35mm
		Gas	Ø 9.52mm	Ø 9.52mm	Ø 12.7mm	Ø 15.88mm	Ø 9.52mm	Ø 9.52mm	Ø 12.7mm	Ø 15.88mm
Piping Length	Max	m	15	15	30	30	15	15	30	30
		Piping Height	Max	8	8	15	15	8	8	15
Features										
Air Purification	S-Plasma ion	-	-	-	-	-	-	-	-	-
	Auto Roof Shutter	-	-	-	-	-	-	-	-	-
	Full HD Filter	90	90	90	90	80	80	80	80	80
	DNA Filter	-	-	-	-	-	-	-	-	-
	Deodorizing Filter	-	-	-	-	-	-	-	-	-
	Catechin Filter	-	-	-	-	-	-	-	-	-
	Allergy Care	•	•	•	•	•	•	•	•	•
	Anti-bacteria Coating	-	-	-	-	-	-	-	-	-
	Auto Clean	•	•	•	•	•	•	•	•	•
	Wide Twin Blade	•	•	•	•	•	•	•	•	•
Air Flow	Optimal Single Blade	-	-	-	-	-	-	-	-	-
	Fan speed(Steps)	4	4	4	4	4	4	4	4	4
	Air Direction (Up/Down)	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
	Air Direction (Left/Right)	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Operating Mode	Natural Breeze	•	•	•	•	•	•	•	•	•
	d'light Cool	•	•	•	•	•				

