



50HZ

SPLIT SYSTEM

HFC

SPLIT SYSTEM

- HUS AA SEIRES	3
- HUS AJ SEIRES	37
- HUS AD SEIRES	71



HUS A SERIES SPLIT SYSTEM

SISTEMA SPLIT SERIE HUS A

SPLIT SYSTEM SISTEMA SPLIT

The split system is a whole SOLUTION for the commercial installations with all the main components of the system including: condensing unit, evaporator, valves and control. Designed for a small and medium sized cold rooms, this range is created to a more efficient, easier and faster installation.

Factory-certified devices without the need for on-site acceptance.

Thermostatic expansion valve.

Refrigerant pre-charge included.

HUS A SERIES SPLIT SYSTEM SISTEMA SPLIT SERIE HUS A

El sistema partido es una SOLUCIÓN completa para instalaciones comerciales que incluye todos los componentes principales del sistema: unidad condensadora, evaporador, válvulas y control. Diseñado para cámaras frigoríficas pequeñas y medianas, esta gama está creada para lograr una instalación más eficiente, sencilla y rápida.

Equipos certificados de fábrica sin necesidad de aceptación in situ.

Válvula de expansión termostática.

Carga previa de refrigerante incluida.

HUS AA 013 MS

- T: Three hase (S: Single phase) /
T: Trifásico (S: Una fase)
- M: Medium and high temperature, L: Low temp. /
M: Media y alta temperatura, L: Baja temp.
- Cold room volume / Volumen de la cámara
frigorífica
- Evaporator series / Serie de evaporadores
- Condensing unit series / Serie de unidades
condensadoras
- Series / Serie

ACCESSORIES / ACCESORIOS

Components:

- ▶ Copper tube condenser and aluminium fins
- ▶ Liquid receiver
- ▶ Drier filter
- ▶ Sight glass
- ▶ Solenoid valve mounted in evaporator
- ▶ Thermostatic expansion valve
- ▶ Condensing water direct discharge
- ▶ Electronic control panel
- ▶ Cold room light with 2.5m long cable
- ▶ Door micro switch with 2.5m long cable
- ▶ Door heater cable for LBP items with 2.5m long cable
- ▶ 2.5m long power supply cable
- ▶ 10m long connecting cables evaporator/condensing unit
- ▶ Remote control panel for 10m distance
- ▶ The fan-motors in use comply with ErP directive (Regulation EU 2024/1834)
- ▶ Self-supporting casing in zinc plated steel varnished with epoxy powder
- ▶ Sound insulation
- ▶ Dual pressure switch with fixed setting and automatic reset
- ▶ Hermetic/scroll compressor
- ▶ Axial fan motor
- ▶ Junction box wire connections
- ▶ Copper-aluminium properly sized unit cooler with electrical defrost
- ▶ PED directive compliant split system

Optional items:

- ▶ Pre-charged pipe connections of the following lengths: 2.5m/5m/10m (THU)
- ▶ Condenser fan speed variator
- ▶ EC fan motors
- ▶ Oil separator
- ▶ Crankcase heater
- ▶ Muffler on the compressor discharge
- ▶ Voltage monitor
- ▶ Condensing unit's mounting brackets
- ▶ Electronic expansion valve
- ▶ Pre-setting of electronic remote management
- ▶ Different gas
- ▶ Different voltage
- ▶ Compressor sound shell



For special applications and additional information consult our Technical Department.

Componentes:

- ▶ Condensador de tubos de cobre y aletas de aluminio
- ▶ Depósito de líquido
- ▶ Filtro secador
- ▶ Visor de líquido
- ▶ Válvula solenoide montada en el evaporador
- ▶ Válvula de expansión termostática
- ▶ Descarga directa de agua de condensación
- ▶ Panel de control electrónico
- ▶ Luz de la cámara frigorífica con cable de 2.5m de largo
- ▶ Microinterruptor de puerta con cable de 2.5m de largo
- ▶ Cable calefactor para puerta (para unidades de baja presión) con cable de 2.5m de largo
- ▶ Cable de alimentación de 2.5m de largo
- ▶ Cables de conexión evaporador/unidad condensadora de 10m de largo
- ▶ Panel de control remoto para distancia de 10m
- ▶ Los motores de los ventiladores en uso cumplen con la directiva ErP (Reglamento UE 2024/1834)
- ▶ Carcasa autoportante de acero zincado pintado con polvo epoxi
- ▶ Aislamiento acústico
- ▶ Presostato dual con ajuste fijo y reinicio automático
- ▶ Compresor hermético/scroll
- ▶ Motor de ventilador axial
- ▶ Conexiones de cables en la caja de bornes
- ▶ Unidad enfriadora de cobre-aluminio correctamente dimensionada con descongelación eléctrica
- ▶ Sistema partido conforme a la directiva PED

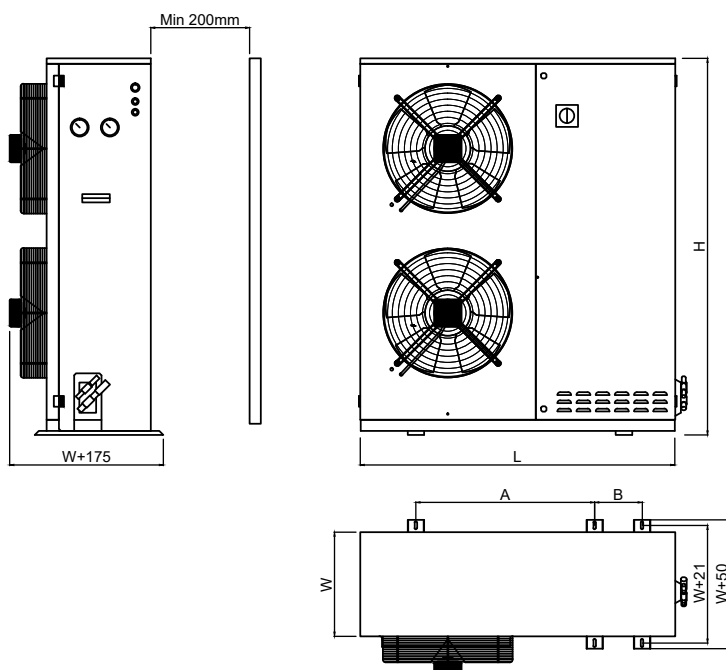
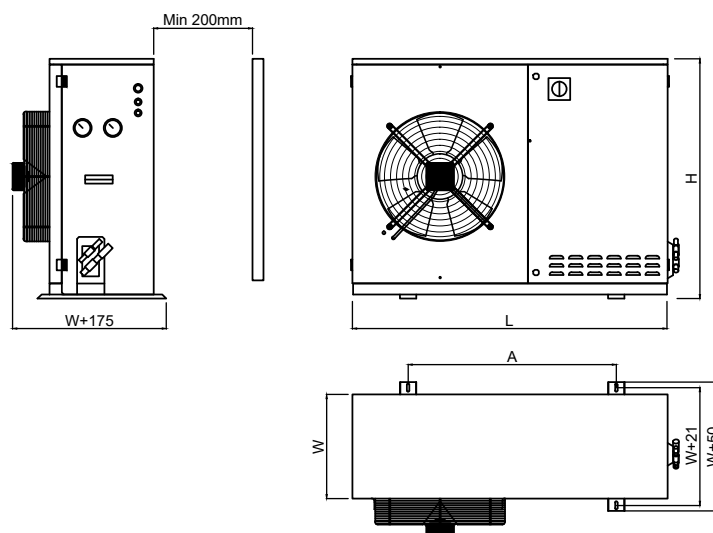
Accesorios opcionales:

- ▶ Conexiones de tubería precargadas de las siguientes longitudes: 2,5 m/5 m/10 m (THU)
- ▶ Variador de velocidad del ventilador del condensador
- ▶ Motores de ventilador EC
- ▶ Separador de aceite
- ▶ Calentador de cárter
- ▶ Silenciador en la descarga del compresor
- ▶ Monitor de voltaje
- ▶ Soportes de montaje de la unidad de condensación
- ▶ Válvula de expansión electrónica
- ▶ Configuración previa de gestión remota electrónica
- ▶ Gas diferente
- ▶ Voltaje diferente
- ▶ Cubierta acústica del compresor



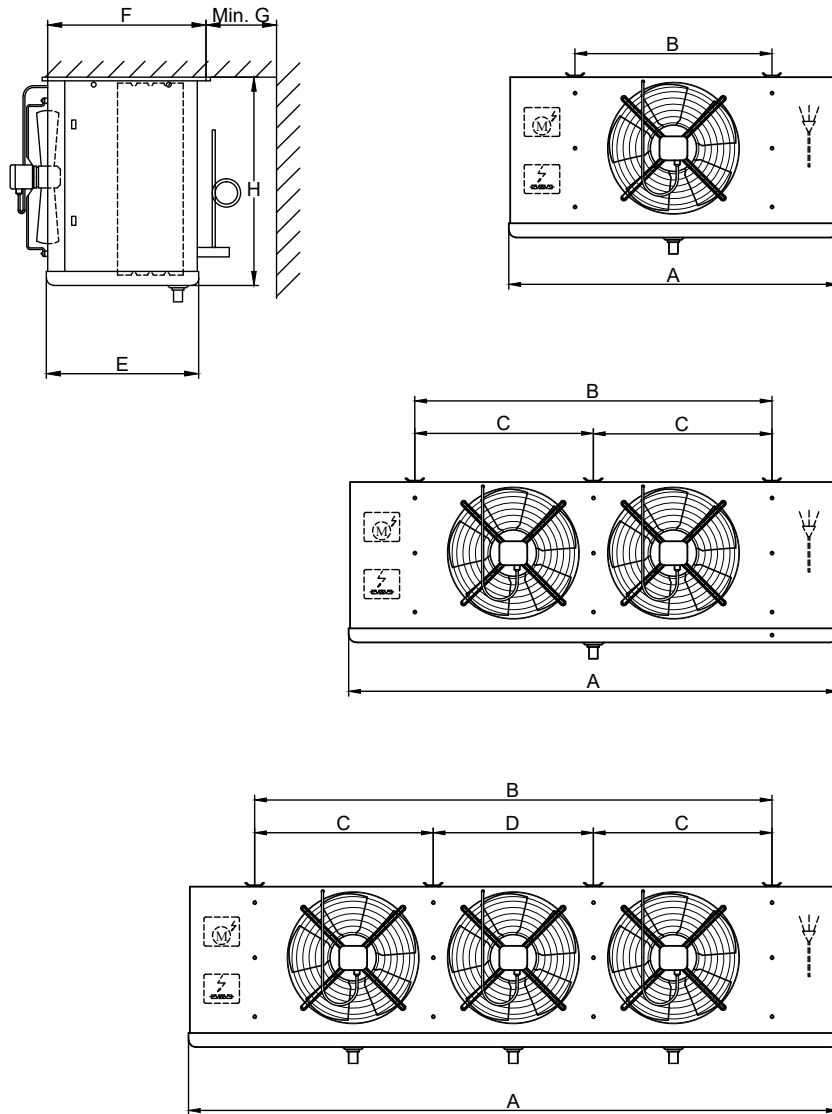
Para aplicaciones especiales e informaciones adicionales consultar a nuestro Departamento Técnico.

DIMENSIONS / DIMENSIONES



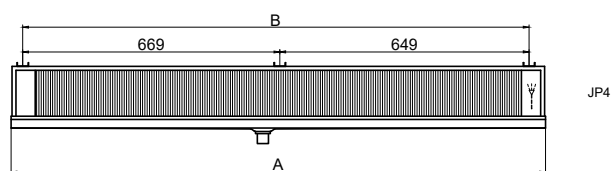
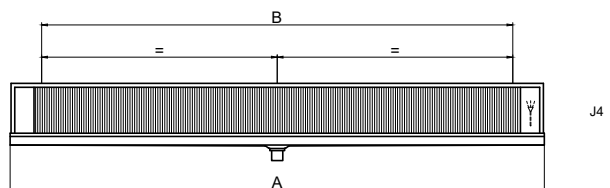
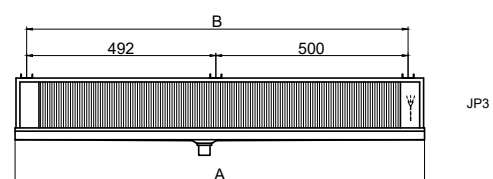
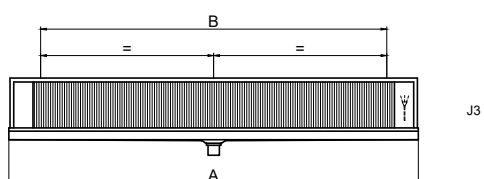
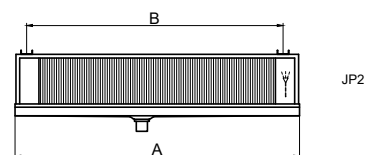
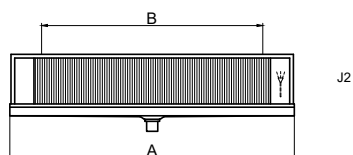
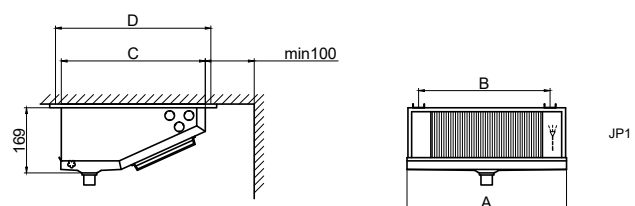
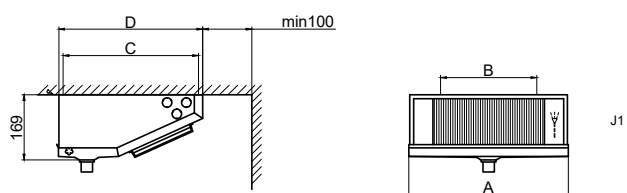
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A1	900	395	441	475
A2	1000	395	541	525
A3	1000	395	541	675
A4	1150	395	646	875
A5	1150	395	646	975
A6	1300	400	786	1275
A7	1500	445	986	1275

DIMENSIONS / DIMENSIONES



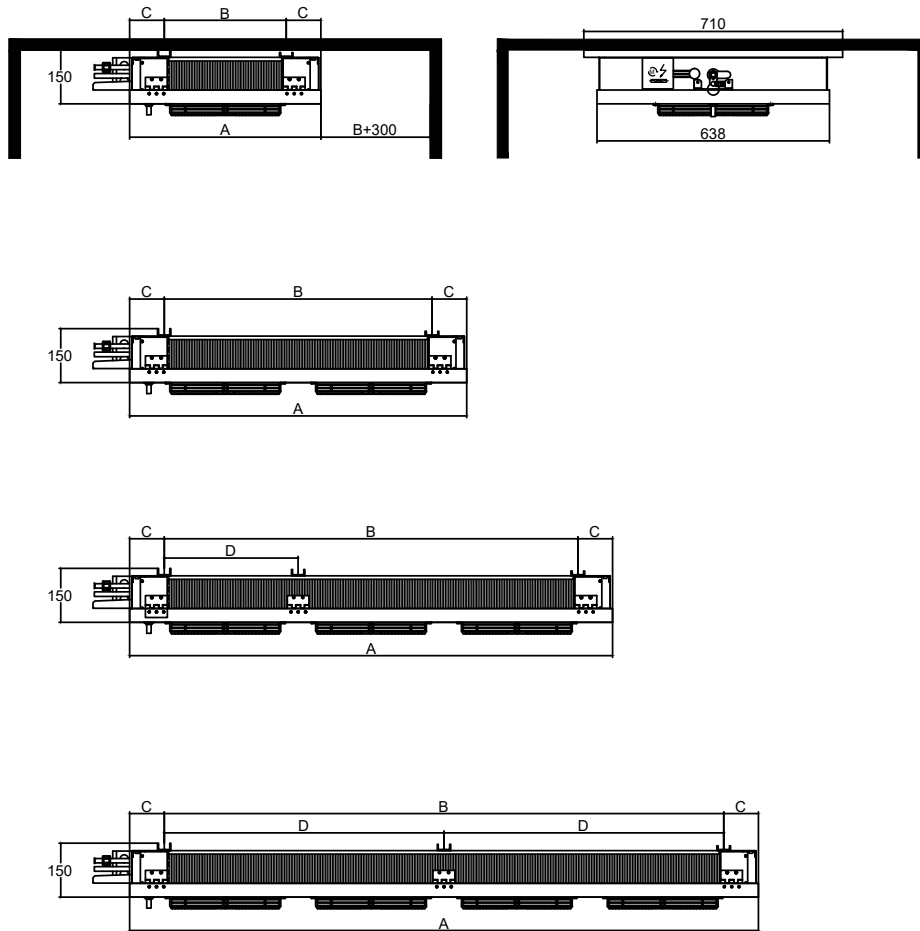
Dimensions / Dimensiones	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	
HEA 2501	A1	702	420			325	375	200	350
HEA 2502	A2	1094	812			325	375	200	350
HEA 3001	A3	702	420			325	375	200	460
HEA 3002	A4	1094	812			325	375	200	460
HEA 3003	A5	1486	1204			325	375	250	460
HEA 3004	A6	1878	1596	406	392	325	375	250	460
HEA 3502	A7	1094	812			455	507	200	460
HEA 3503	A8	1486	1204			455	507	250	460
HEA 4002	A9	1486	1204	602		325	375	300	530
HEA 4003	A10	1878	1596	546	504	325	375	300	530
HEA 4502	A11	1878	1596	798		325	375	300	600
HEA 4503	A12	2702	2380	798	784	325	375	350	610
HEA 5001	A13	1195	845			560	610	400	765
HEA 5002	A14	2040	1690	845		455	507	400	765

DIMENSIONS / DIMENSIONES



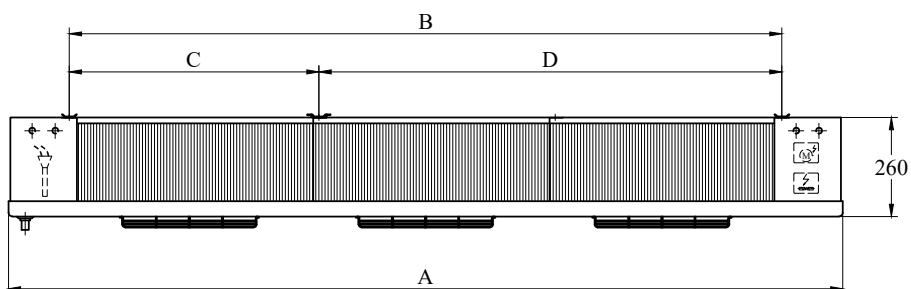
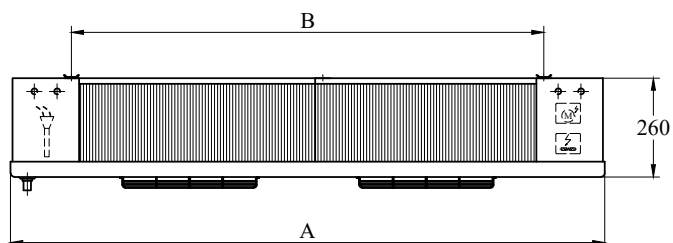
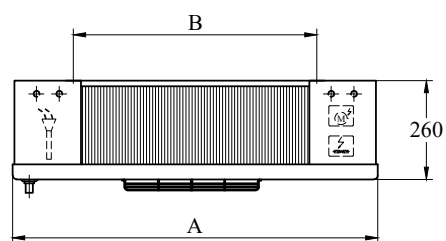
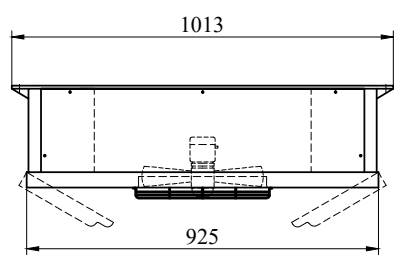
Dimensions / Dimensiones	A (mm)	B (mm)	C (mm)	D (mm)
J1	430	250	340	375
J2	765	575	340	375
J3	1090	900	340	375
J4	1420	1225	340	375
JP1	430	342	426	446
JP2	765	667	426	446
JP3	1090	992	426	446
JP4	1420	1317	426	446

DIMENSIONS / DIMENSIONES



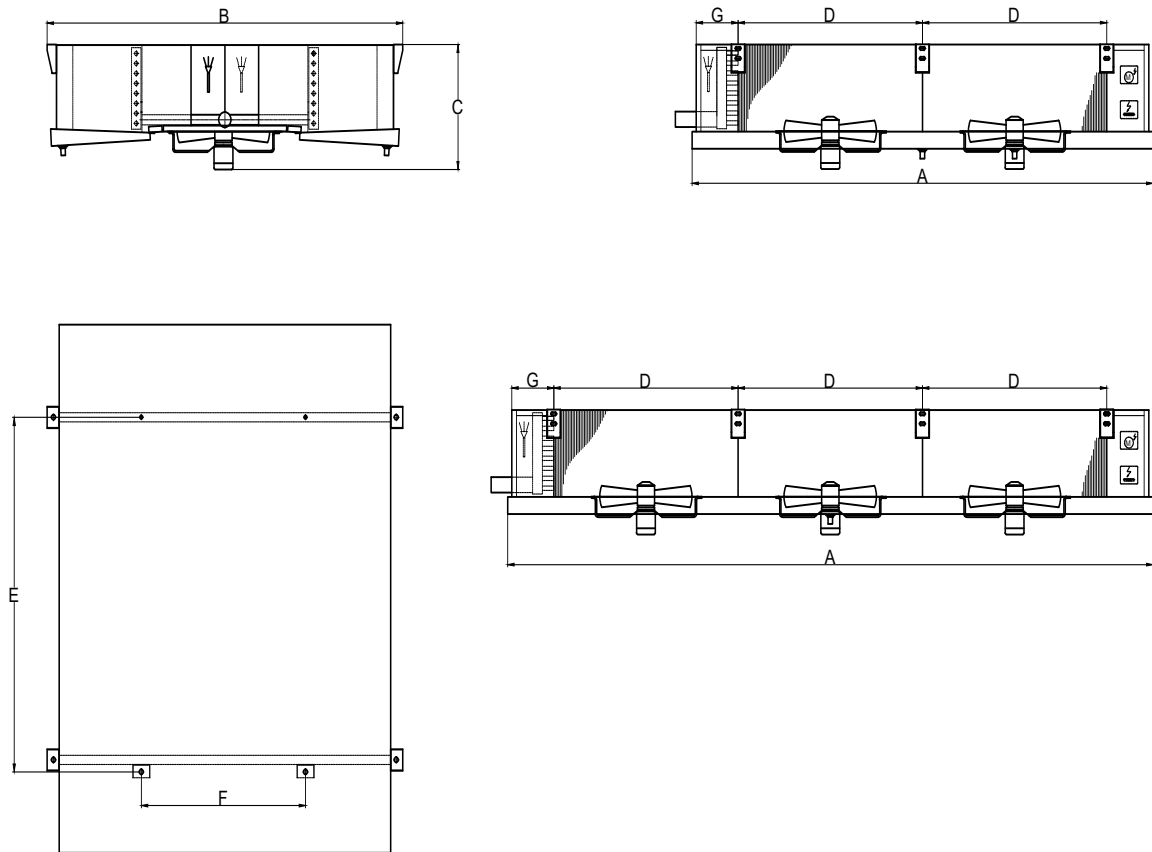
Dimensions / Dimensiones	A (mm)	B (mm)	C (mm)	D (mm)
D1	530	335	95	
D2	930	735	95	
D3	1330	1135	95	367.5
D4	1730	1535	95	367.5

DIMENSIONS / DIMENSIONES



Dimensions / Dimensiones	A (mm)	B (mm)	C (mm)	D (mm)
D5	963	640		
D6	1565	1242		
D7	2167	1844	640	1204

DIMENSIONS / DIMENSIONES



Dimensions / Dimensiones	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
DP1	2280	1390	415	600	1855	565	230
DP2	2880	1390	415	600	2455	565	230
DP3	2040	1390	430	800	1655	565	210
DP4	2880	1390	430	800	2455	565	230

R404A / R507A

HMBP	Compressor/ Compresor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°xØ	m³/h	Dist = 10m	L	S	N°xØ	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBa					m	kg	kg		
HUS AA 005 MS	H	1/2	595	3.76	1x350	1650	39	1/4"	3/8"	1x250	769	4	34	13.7	A1	A1
HUS AA 008 MS	H	3/4	732	3.52	1x350	1460	39	1/4"	3/8"	1x250	769	4	36	13.7	A1	A1
HUS AA 011 MS	H	3/4	914	4.59	1x400	2307	39	1/4"	3/8"	1x250	769	4	40	13.7	A2	A1
HUS AA 012 MS	H	1	1013	5.16	1x400	2036	39	1/4"	1/2"	1x250	769	4	46	13.7	A2	A1
HUS AA 018 MS	H	1	1286	7.43	1x400	2036	42	1/4"	1/2"	1x300	1316	6	46	17.3	A2	A3
HUS AA 020 MS	H	1 1/4	1482	6.85	1x450	3475	52	1/4"	1/2"	1x300	1316	6	54	17.3	A3	A3
HUS AA 026 MS	H	1 1/2	1938	8.93	1x450	3062	52	1/4"	1/2"	2x250	1539	5	56	23.7	A3	A2
HUS AA 044 MS	S	2	2504	11.35	1x450	2706	49	3/8"	7/8"	2x300	2633	7	63	29.5	A3	A4
HUS AA 053 MS	S	2.5	2926	13.24	1x450	3981	49	3/8"	7/8"	3x300	3951	9	76	41.6	A4	A5
HUS AA 061 MS	S	3	2976	14.62	1x500	4475	49	1/2"	7/8"	3x300	3951	9	78	41.6	A5	A5
HUS AA 090 MT	S	4	4300	9.75	1x500	4232	49	1/2"	7/8"	2x400	6646	14	90	48.6	A5	A9
HUS AA 113 MT	S	5	5610	12.36	2x500	8489	52	1/2"	7/8"	2x400	6646	14	92	48.6	A6	A9
HUS AA 134 MT	S	6	6325	14.80	2x500	7932	52	1/2"	7/8"	3x400	9397	16	96	65	A6	A10
HUS AA 166 MT	S	7	7780	15.87	2x500	7932	52	5/8"	1 1/8"	2x450	11133	18	97	71.7	A6	A11
HUS AA 176 MT	S	8	8080	16.40	2x500	8659	54	5/8"	1 1/8"	2x450	11133	18	121	71.7	A7	A11
HUS AA 244 MT	S	10	10920	21.66	2x500	8259	53	5/8"	1 1/8"	3x450	16713	22	130	105	A7	A12

Type:

H = hermetic compressor

S = scroll compressor

Absorption:

HMBP - Te=-8°C, Tcond=47°C

LBP - Te=-27°C, Tcond=47°C

HMBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AA 005 MS	1.1	6	0.91	5	0.74	4	0.97	7	0.8	5	0.65	4	0.85	5	0.698	4	0.565	2
HUS AA 008 MS	1.52	13	1.26	10	1.04	7	1.34	12	1.11	8	0.91	6	1.18	10	0.977	6	0.8	5
HUS AA 011 MS	1.78	17	1.47	13	1.21	9	1.56	15	1.3	11	1.06	8	1.38	13	1.14	8	0.932	6
HUS AA 012 MS	1.96	20	1.61	14	1.3	11	1.7	17	1.39	12	1.13	9	1.47	14	1.2	9	0.969	6
HUS AA 018 MS	2.57	30	2.11	22	1.7	15	2.25	26	1.84	18	1.48	13	1.97	20	1.614	14	1.302	10
HUS AA 020 MS	2.93	35	2.36	25	1.86	18	2.5	29	2	20	1.55	14	2.12	22	1.679	15	1.288	10
HUS AA 026 MS	3.57	45	2.94	32	2.38	24	3.07	38	2.52	26	2.03	20	2.66	29	2.174	21	1.743	15
HUS AA 044 MS	5.15	70	4.3	51	3.57	39	4.61	61	3.86	44	3.21	33	4.08	48	3.43	36	2.86	28
HUS AA 053 MS	6.16	86	5.14	63	4.26	48	5.51	74	4.61	53	3.83	41	4.87	58	4.1	44	3.42	34
HUS AA 061 MS	7.01	100	5.85	72	4.86	55	6.28	86	5.25	61	4.37	47	5.39	65	4.51	50	3.75	38
HUS AA 090 MT	10.02	149	8.36	106	6.93	81	8.97	126	7.5	90	6.24	69	7.93	98	6.67	76	5.57	58
HUS AA 113 MT	12.31	185	10.27	132	8.52	101	11.02	157	9.22	113	7.67	86	9.74	122	8.19	95	6.84	72
HUS AA 134 MT	14.6	221	12.18	158	10.11	121	13.074	187	10.93	134	9.1	103	11.55	145	9.72	113	8.12	86
HUS AA 166 MT	17.89	274	14.93	196	12.39	149	16.01	231	13.4	166	11.15	127	14.16	179	11.91	140	9.95	106
HUS AA 176 MT	18.89	290	15.77	207	13.08	158	16.91	245	14.15	176	11.77	134	14.95	190	12.57	148	10.5	113
HUS AA 244 MT	26.04	404	21.74	289	18.03	221	23.31	340	19.51	244	16.23	186	20.61	264	17.34	205	14.48	157

Ta = Ambient temperature

Tc = Cold room temperature

R404A / R507A

LBP	Compressor/ Compresor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°×Ø	m³/h	Dist = 10m	L	S	N°×Ø	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBA					m	kg	kg		
HUS AA 002 LS	H	3/4	471	2.25	1x350	1488	39	1/4"	3/8"	1x250	821	4	33	13.7	A1	A1
HUS AA 003 LS	H	3/4	530	2.59	1x350	1333	39	1/4"	3/8"	1x250	821	4	33	13.7	A1	A1
HUS AA 004 LS	H	3/4	617	3.60	1x350	1333	39	1/4"	3/8"	1x250	821	4	36	13.7	A1	A1
HUS AA 005 LS	H	1	683	3.20	1x350	1333	42	1/4"	3/8"	1x250	821	4	40	13.7	A1	A1
HUS AA 008 LS	H	1 1/4	947	5.13	1x350	1127	42	1/4"	1/2"	1x250	821	4	51	13.7	A1	A1
HUS AA 013 LS	H	1 1/2	1201	5.95	1x400	2036	52	1/4"	1/2"	1x300	1380	6	55	16.8	A2	A3
HUS AA 021 LS	S	2	1918	8.72	1x450	2706	51.5	3/8"	7/8"	2x250	1643	5	63	22.9	A3	A2
HUS AA 028 LS	S	2.5	2384	10.80	1x450	3062	51.5	3/8"	7/8"	2x300	2762	7	76	28.5	A3	A4
HUS AA 033 LS	S	3	2734	12.38	1x450	3981	51.5	1/2"	7/8"	2x300	2762	7	78	28.5	A4	A4
HUS AA 053 LT	S	4	3660	8.55	1x500	4027	56.8	1/2"	7/8"	2x350	4004	14	90	39.4	A5	A7
HUS AA 065 LT	S	5	4130	9.45	1x500	9143	57.5	1/2"	7/8"	2x350	4004	14	92	39.4	A5	A7
HUS AA 077 LT	S	6	5150	12.68	2x500	7932	59	1/2"	7/8"	2x400	7043	14	96	46.7	A6	A9

Type:
H = hermetic compressor
S = scroll compressor

Absorption:
HMBP - Te=-8°C, Tcond=47°C
LBP - Te=-27°C, Tcond=47°C

LBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AA 002 LS	0.63	4	0.5	3	0.407	2	0.55	4	0.43	2	0.355	2	0.487	2	0.381	2	0.307	1
HUS AA 003 LS	0.71	5	0.56	4	0.462	3	0.62	5	0.49	3	0.403	3	0.548	3	0.43	3	0.349	2
HUS AA 004 LS	0.77	6	0.6	5	0.48	4	0.66	5	0.51	4	0.409	3	0.571	4	0.439	3	0.348	2
HUS AA 005 LS	0.92	9	0.73	6	0.584	5	0.8	7	0.63	5	0.5	4	0.69	5	0.535	4	0.427	3
HUS AA 008 LS	1.29	15	0.99	11	0.795	7	1.1	12	0.84	8	0.666	5	0.937	9	0.709	6	0.553	4
HUS AA 013 LS	1.7	22	1.31	16	1.043	11	1.44	17	1.11	13	0.868	8	1.229	14	0.931	10	0.721	5
HUS AA 021 LS	2.22	31	1.8	24	1.51	16	1.97	26	1.61	21	1.35	14	2.18	28	1.78	22	1.5	14
HUS AA 028 LS	2.83	41	2.3	32	1.93	23	2.52	34	2.05	28	1.72	19	2.79	37	2.27	29	1.91	19
HUS AA 033 LS	3.32	49	2.7	40	2.26	26	2.96	41	2.41	33	2.02	23	3.27	44	2.66	35	2.24	23
HUS AA 053 LT	5.03	77	4.09	63	3.43	41	4.48	66	3.65	53	3.06	35	4.95	69	4.03	55	3.39	36
HUS AA 065 LT	6.04	95	4.86	76	4.06	50	5.15	77	4.34	65	3.63	42	5.88	83	4.78	66	4.03	43
HUS AA 077 LT	6.99	111	5.69	90	4.76	59	6.23	94	5.07	77	4.25	50	6.89	98	5.6	77	4.72	51

Ta = Ambient temperature
Tc = Cold room temperature

R404A / R507A

HMBP	Compressor/ Compresor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°xØ	m³/h	Dist = 10m	L	S	N°xØ	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBA					m	kg	kg		
HUS AJ 005 MS	H	1/2	589	3.76	1x350	1650	39	1/4"	3/8"	1x200	372	5	34	5.5	A1	J1
HUS AJ 008 MS	H	3/4	764	3.72	1x350	1460	39	1/4"	3/8"	2x200	744	6	36	9.9	A1	J2
HUS AJ 011 MS	H	3/4	946	4.79	1x400	2307	39	1/4"	3/8"	2x200	744	6	40	9.9	A2	J2
HUS AJ 012 MS	H	1	1045	5.36	1x400	2036	39	1/4"	1/2"	2x200	744	6	46	9.9	A2	J2
HUS AJ 018 MS	H	1	1328	7.73	1x400	2036	42	1/4"	1/2"	3x200	1116	7	46	14.1	A2	J3
HUS AJ 020 MS	H	1 1/4	1524	7.15	1x450	3475	52	1/4"	1/2"	3x200	1116	7	54	14.1	A3	J3
HUS AJ 026 MS	H	1 1/2	1964	9.13	1x450	3062	52	1/4"	1/2"	3x200	1116	7	56	14.1	A3	J3
HUS AJ 044 MS	S	2	2512	11.55	1x450	2706	49	3/8"	7/8"	4x200	1488	9	63	18.6	A3	J4

Type:

H = hermetic compressor

S = scroll compressor

Absorption:

HMBP - Te=-8°C, Tcond=47°C

LBP - Te=-27°C, Tcond=47°C

HMBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AJ 005 MS	1.1	6	0.91	5	0.74	4	0.97	7	0.8	5	0.65	4	0.85	5	0.698	4	0.565	2
HUS AJ 008 MS	1.52	13	1.26	10	1.04	7	1.34	12	1.11	8	0.91	6	1.18	10	0.977	6	0.8	5
HUS AJ 011 MS	1.78	17	1.47	13	1.21	9	1.56	15	1.3	11	1.06	8	1.38	13	1.14	8	0.932	6
HUS AJ 012 MS	1.96	20	1.61	14	1.3	11	1.7	17	1.39	12	1.13	9	1.47	14	1.2	9	0.969	6
HUS AJ 018 MS	2.57	30	2.11	22	1.7	15	2.25	26	1.84	18	1.48	13	1.97	20	1.614	14	1.302	10
HUS AJ 020 MS	2.93	35	2.36	25	1.86	18	2.5	29	2	20	1.55	14	2.12	22	1.679	15	1.288	10
HUS AJ 026 MS	3.57	45	2.94	32	2.38	24	3.07	38	2.52	26	2.03	20	2.66	29	2.174	21	1.743	15
HUS AJ 044 MS	5.15	70	4.3	51	3.57	39	4.61	61	3.86	44	3.21	33	4.08	48	3.43	36	2.86	28

Ta = Ambient temperature

Tc = Cold room temperature

R404A / R507A

LBP	Compressor/ Compressor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°×Ø	m³/h	Dist = 10m	L	S	N°×Ø	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBa					m	kg	kg		
HUS AJ 002 LS	H	3/4	500	2.55	1x350	1488	39	1/4"	3/8"	1x250	551	12	33	6	A1	JP1
HUS AJ 003 LS	H	3/4	559	2.89	1x350	1333	39	1/4"	3/8"	1x250	551	12	33	6	A1	JP1
HUS AJ 004 LS	H	3/4	646	3.90	1x350	1333	39	1/4"	3/8"	1x250	551	12	36	6	A1	JP1
HUS AJ 005 LS	H	1	746	3.65	1x350	1333	42	1/4"	3/8"	1x250	551	12	40	6	A1	JP1
HUS AJ 008 LS	H	1 1/4	1083	6.08	1x350	1127	42	1/4"	1/2"	2x250	1103	14	51	10.9	A1	JP2
HUS AJ 013 LS	H	1 1/2	1427	7.33	1x400	2036	52	1/4"	1/2"	2x250	1103	14	55	10.9	A2	JP2
HUS AJ 021 LS	S	2	2049	9.82	1x450	2706	52	3/8"	7/8"	3x250	1652	17	63	15.5	A3	JP3
HUS AJ 028 LS	S	2.5	2459	11.70	1x450	3062	52	3/8"	7/8"	3x250	1652	17	76	15.5	A3	JP3
HUS AJ 033 LS	S	3	2882	13.78	1x450	3981	52	1/2"	7/8"	4x250	2204	21	78	20.5	A4	JP4

Type:
 H = hermetic compressor
 S = scroll compressor

Absorption:
 HMBP - Te=-8°C, Tcond=47°C
 LBP - Te=-27°C, Tcond=47°C

LBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AJ 002 LS	0.63	4	0.5	3	0.407	2	0.55	4	0.43	2	0.355	2	0.487	2	0.381	2	0.307	1
HUS AJ 003 LS	0.71	5	0.56	4	0.462	3	0.62	5	0.49	3	0.403	3	0.548	3	0.43	3	0.349	2
HUS AJ 004 LS	0.77	6	0.6	5	0.48	4	0.66	5	0.51	4	0.409	3	0.571	4	0.439	3	0.348	2
HUS AJ 005 LS	0.92	9	0.73	6	0.584	5	0.8	7	0.63	5	0.5	4	0.69	5	0.535	4	0.427	3
HUS AJ 008 LS	1.29	15	0.99	11	0.795	7	1.1	12	0.84	8	0.666	5	0.937	9	0.709	6	0.553	4
HUS AJ 013 LS	1.7	22	1.31	16	1.043	11	1.44	17	1.11	13	0.868	8	1.229	14	0.931	10	0.721	5
HUS AJ 021 LS	2.22	31	1.8	24	1.51	16	1.97	26	1.61	21	1.35	14	2.18	28	1.78	22	1.5	14
HUS AJ 028 LS	2.83	41	2.3	32	1.93	23	2.52	34	2.05	28	1.72	19	2.79	37	2.27	29	1.91	19
HUS AJ 033 LS	3.32	49	2.7	40	2.26	26	2.96	41	2.41	33	2.02	23	3.27	44	2.66	35	2.24	23

Ta = Ambient temperature
 Tc = Cold room temperature

R404A / R507A

HMBP	Compressor/ Compresor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°xØ	m³/h	Dist = 10m	L	S	N°xØ	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBA					m	kg	kg		
HUS AD 005 MS	H	1/2	601	3.76	1x350	1650	39	1/4"	3/8"	1x250	749	2 x 2	34	12.7	A1	D1
HUS AD 008 MS	H	3/4	738	3.52	1x350	1460	39	1/4"	3/8"	1x250	749	2 x 2	36	12.7	A1	D1
HUS AD 011 MS	H	3/4	920	4.59	1x400	2307	39	1/4"	3/8"	1x250	749	2 x 2	40	12.7	A2	D1
HUS AD 012 MS	H	1	1069	5.36	1x400	2036	39	1/4"	1/2"	2x250	1594	2 x 2	46	21.8	A2	D2
HUS AD 018 MS	H	1	1314	7.53	1x400	2036	42	1/4"	1/2"	2x250	1594	2 x 2	46	21.8	A2	D2
HUS AD 020 MS	H	1 1/4	1510	6.95	1x450	3475	52	1/4"	1/2"	2x250	1594	2 x 2	54	21.8	A3	D2
HUS AD 026 MS	H	1 1/2	1950	8.93	1x450	3062	52	1/4"	1/2"	2x250	1594	2 x 2	56	21.8	A3	D2
HUS AD 044 MS	S	2	2510	11.35	1x450	2706	49	3/8"	7/8"	3x250	2431	2 x 3	63	31.9	A3	D3
HUS AD 053 MS	S	2.5	2910	13.14	1x450	3981	49	3/8"	7/8"	4x250	3268	2 x 3	76	41.1	A4	D4
HUS AD 061 MS	S	3	3210	15.82	1x500	4475	49	1/2"	7/8"	3x350	5602	2 x 11	78	76.8	A5	D7
HUS AD 090 MT	S	4	4340	9.85	1x500	4232	49	1/2"	7/8"	3x350	5602	2 x 11	90	76.8	A5	D7
HUS AD 113 MT	S	5	5650	12.46	2x500	8489	52	1/2"	7/8"	3x350	5602	2 x 11	92	76.8	A6	D7
HUS AD 134 MT	S	6	6064	12.40	2x500	7932	52	1/2"	7/8"	2x400	5832	2 x 6	96	119.8	A6	DP1
HUS AD 166 MT	S	7	7391	14.77	2x500	7932	52	5/8"	1 1/8"	3x400	9414	2 x 8	97	142.5	A6	DP2
HUS AD 176 MT	S	8	7860	16.60	2x500	8659	54	5/8"	1 1/8"	2x450	8364	2 x 8	121	142	A7	DP3
HUS AD 244 MT	S	10	10590	21.96	2x500	8259	53	5/8"	1 1/8"	3x450	13675	2 x 10	130	168.7	A7	DP4

Type:

H = hermetic compressor

S = scroll compressor

Absorption:

HMBP - Te=-8°C, Tcond=47°C

LBP - Te=-27°C, Tcond=47°C

HMBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AD 005 MS	1.1	6	0.91	5	0.74	4	0.97	7	0.8	5	0.65	4	0.85	5	0.698	4	0.565	2
HUS AD 008 MS	1.52	13	1.26	10	1.04	7	1.34	12	1.11	8	0.91	6	1.18	10	0.977	6	0.8	5
HUS AD 011 MS	1.78	17	1.47	13	1.21	9	1.56	15	1.3	11	1.06	8	1.38	13	1.14	8	0.932	6
HUS AD 012 MS	1.96	20	1.61	14	1.3	11	1.7	17	1.39	12	1.13	9	1.47	14	1.2	9	0.969	6
HUS AD 018 MS	2.57	30	2.11	22	1.7	15	2.25	26	1.84	18	1.48	13	1.97	20	1.614	14	1.302	10
HUS AD 020 MS	2.93	35	2.36	25	1.86	18	2.5	29	2	20	1.55	14	2.12	22	1.679	15	1.288	10
HUS AD 026 MS	3.57	45	2.94	32	2.38	24	3.07	38	2.52	26	2.03	20	2.66	29	2.174	21	1.743	15
HUS AD 044 MS	5.15	70	4.3	51	3.57	39	4.61	61	3.86	44	3.21	33	4.08	48	3.43	36	2.86	28
HUS AD 053 MS	6.16	86	5.14	63	4.26	48	5.51	74	4.61	53	3.83	41	4.87	58	4.1	44	3.42	34
HUS AD 061 MS	7.01	100	5.85	72	4.86	55	6.28	86	5.25	61	4.37	47	5.39	65	4.51	50	3.75	38
HUS AD 090 MT	10.02	149	8.36	106	6.93	81	8.97	126	7.5	90	6.24	69	7.93	98	6.67	76	5.57	58
HUS AD 113 MT	12.31	185	10.27	132	8.52	101	11.02	157	9.22	113	7.67	86	9.74	122	8.19	95	6.84	72
HUS AD 134 MT	14.6	221	12.18	158	10.11	121	13.074	187	10.93	134	9.1	103	11.55	145	9.72	113	8.12	86
HUS AD 166 MT	17.89	274	14.93	196	12.39	149	16.01	231	13.4	166	11.15	127	14.16	179	11.91	140	9.95	106
HUS AD 176 MT	18.89	290	15.77	207	13.08	158	16.91	245	14.15	176	11.77	134	14.95	190	12.57	148	10.5	113
HUS AD 244 MT	26.04	404	21.74	289	18.03	221	23.31	340	19.51	244	16.23	186	20.61	264	17.34	205	14.48	157

Ta = Ambient temperature

Tc = Cold room temperature

R404A / R507A

LBP	Compressor/ Compressor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°×Ø	m³/h	Dist = 10m	L	S	N°×Ø	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBa					m				
HUS AD 021 LS	S	2	1980	9.02	1x450	2706	52	3/8"	7/8"	1x350	1867	2 x 9	63	31.8	A3	D5
HUS AD 028 LS	S	2.5	2390	10.90	1x450	3062	52	3/8"	7/8"	1x350	1867	2 x 9	76	31.8	A3	D5
HUS AD 033 LS	S	3	2740	12.48	1x450	3981	52	1/2"	7/8"	1x350	1867	2 x 9	78	31.8	A4	D5
HUS AD 053 LT	S	4	3700	8.75	1x500	4027	57	1/2"	7/8"	2x350	3735	2 x 11	90	54.2	A5	D6
HUS AD 065 LT	S	5	4460	10.95	1x500	9143	58	1/2"	7/8"	2x350	3735	2 x 11	92	54.2	A5	D6
HUS AD 077 LT	S	6	5040	12.08	2x500	7932	59	1/2"	7/8"	2x350	3735	2 x 11	96	54.2	A6	D6

Type:
 H = hermetic compressor
 S = scroll compressor

Absorption:
 HMBP - Te=-8°C, Tcond=47°C
 LBP - Te=-27°C, Tcond=47°C

LBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AD 021 LS	2.22	31	1.8	24	1.51	16	1.97	26	1.61	21	1.35	14	2.18	28	1.78	22	1.5	14
HUS AD 028 LS	2.83	41	2.3	32	1.93	23	2.52	34	2.05	28	1.72	19	2.79	37	2.27	29	1.91	19
HUS AD 033 LS	3.32	49	2.7	40	2.26	26	2.96	41	2.41	33	2.02	23	3.27	44	2.66	35	2.24	23
HUS AD 053 LT	5.03	77	4.09	63	3.43	41	4.48	66	3.65	53	3.06	35	4.95	69	4.03	55	3.39	36
HUS AD 065 LT	6.04	95	4.86	76	4.06	50	5.15	77	4.34	65	3.63	42	5.88	83	4.78	66	4.03	43
HUS AD 077 LT	6.99	111	5.69	90	4.76	59	6.23	94	5.07	77	4.25	50	6.89	98	5.6	77	4.72	51

Ta = Ambient temperature
 Tc = Cold room temperature

R448A / R449A

HMBP	Compressor/ Compresor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°xØ	m³/h	Dist = 10m	L	S	N°xØ	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBa					m	kg	kg		
HUS AA 005 MS	H	1/2	595	3.76	1x350	1650	39	1/4"	3/8"	1x250	769	4	34	13.7	A1	A1
HUS AA 008 MS	H	3/4	732	3.52	1x350	1460	39	1/4"	3/8"	1x250	769	4	36	13.7	A1	A1
HUS AA 011 MS	H	3/4	914	4.59	1x400	2307	39	1/4"	3/8"	1x250	769	4	40	13.7	A2	A1
HUS AA 012 MS	H	1	1013	5.16	1x400	2036	39	1/4"	1/2"	1x250	769	4	46	13.7	A2	A1
HUS AA 018 MS	H	1	1286	7.43	1x400	2036	42	1/4"	1/2"	1x300	1316	6	46	17.3	A2	A3
HUS AA 020 MS	H	1 1/4	1482	6.85	1x450	3475	52	1/4"	1/2"	1x300	1316	6	54	17.3	A3	A3
HUS AA 026 MS	H	1 1/2	1938	8.93	1x450	3062	52	1/4"	1/2"	2x250	1539	5	56	23.7	A3	A2
HUS AA 044 MS	S	2	2504	11.35	1x450	2706	49	3/8"	7/8"	2x300	2633	7	63	29.5	A3	A4
HUS AA 053 MS	S	2.5	2926	13.24	1x450	3981	49	3/8"	7/8"	3x300	3951	9	76	41.6	A4	A5
HUS AA 061 MS	S	3	2976	14.62	1x500	4475	49	1/2"	7/8"	3x300	3951	9	78	41.6	A5	A5
HUS AA 090 MT	S	4	4300	9.75	1x500	4232	49	1/2"	7/8"	2x400	6646	14	90	48.6	A5	A9
HUS AA 113 MT	S	5	5610	12.36	2x500	8489	52	1/2"	7/8"	2x400	6646	14	92	48.6	A6	A9
HUS AA 134 MT	S	6	6325	14.80	2x500	7932	52	1/2"	7/8"	3x400	9397	16	96	65	A6	A10
HUS AA 166 MT	S	7	7780	15.87	2x500	7932	52	5/8"	1 1/8"	2x450	11133	18	97	71.7	A6	A11
HUS AA 176 MT	S	8	8080	16.40	2x500	8659	54	5/8"	1 1/8"	2x450	11133	18	121	71.7	A7	A11
HUS AA 244 MT	S	10	10920	21.66	2x500	8259	53	5/8"	1 1/8"	3x450	16713	22	130	105	A7	A12

Type:

H = hermetic compressor

S = scroll compressor

Absorption:

HMBP - Te=-8°C, Tcond=47°C

LBP - Te=-27°C, Tcond=47°C

HMBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AA 005 MS	1.05	6	0.86	5	0.7	4	0.92	7	0.76	5	0.62	4	0.81	5	0.66	4	0.54	2
HUS AA 008 MS	1.44	13	1.2	10	0.99	7	1.27	12	1.05	8	0.86	6	1.12	10	0.93	6	0.76	5
HUS AA 011 MS	1.69	17	1.4	13	1.15	9	1.48	15	1.24	11	1.01	8	1.31	13	1.08	8	0.89	6
HUS AA 012 MS	1.86	20	1.53	14	1.24	11	1.62	17	1.32	12	1.07	9	1.4	14	1.14	9	0.92	6
HUS AA 018 MS	2.44	30	2	22	1.62	15	2.14	26	1.75	18	1.41	13	1.87	20	1.53	14	1.24	10
HUS AA 020 MS	2.78	35	2.24	25	1.77	18	2.38	29	1.9	20	1.47	14	2.01	22	1.6	15	1.22	10
HUS AA 026 MS	3.39	45	2.79	32	2.26	24	2.92	38	2.39	26	1.93	20	2.53	29	2.07	21	1.66	15
HUS AA 044 MS	5.1	70	4.26	51	3.53	39	4.56	61	3.82	44	3.18	33	4.04	48	3.4	36	2.83	28
HUS AA 053 MS	6.1	86	5.09	63	4.22	48	5.45	74	4.56	53	3.79	41	4.82	58	4.06	44	3.39	34
HUS AA 061 MS	6.94	100	5.79	72	4.81	55	6.22	86	5.2	61	4.33	47	5.34	65	4.46	50	3.71	38
HUS AA 090 MT	9.92	149	8.28	106	6.86	81	8.88	126	7.43	90	6.18	69	7.85	98	6.6	76	5.51	58
HUS AA 113 MT	12.19	185	10.17	132	8.43	101	10.91	157	9.13	113	7.59	86	9.64	122	8.11	95	6.77	72
HUS AA 134 MT	14.45	221	12.06	158	10.01	121	12.94	187	10.82	134	9.01	103	11.43	145	9.62	113	8.04	86
HUS AA 166 MT	17.71	274	14.78	196	12.27	149	15.85	231	13.27	166	11.04	127	14.02	179	11.79	140	9.85	106
HUS AA 176 MT	18.7	290	15.61	207	12.95	158	16.74	245	14.01	176	11.65	134	14.8	190	12.44	148	10.4	113
HUS AA 244 MT	25.78	404	21.52	289	17.85	221	23.08	340	19.31	244	16.07	186	20.4	264	17.17	205	14.34	157

Ta = Ambient temperature

Tc = Cold room temperature

R448A / R449A

LBP	Compressor/ Compressor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°×Ø	m³/h	Dist = 10m	L	S	N°×Ø	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBA					m				
HUS AA 002 LS	H	3/4	471	2.25	1x350	1488	39	1/4"	3/8"	1x250	821	4	33	13.7	A1	A1
HUS AA 003 LS	H	3/4	530	2.59	1x350	1333	39	1/4"	3/8"	1x250	821	4	33	13.7	A1	A1
HUS AA 004 LS	H	3/4	617	3.60	1x350	1333	39	1/4"	3/8"	1x250	821	4	36	13.7	A1	A1
HUS AA 005 LS	H	1	683	3.20	1x350	1333	42	1/4"	3/8"	1x250	821	4	40	13.7	A1	A1
HUS AA 008 LS	H	1 1/4	947	5.13	1x350	1127	42	1/4"	1/2"	1x250	821	4	51	13.7	A1	A1
HUS AA 013 LS	H	1 1/2	1201	5.95	1x400	2036	52	1/4"	1/2"	1x300	1380	6	55	16.8	A2	A3
HUS AA 021 LS	S	2	1918	8.72	1x450	2706	51.5	3/8"	7/8"	2x250	1643	5	63	22.9	A3	A2
HUS AA 028 LS	S	2.5	2384	10.80	1x450	3062	51.5	3/8"	7/8"	2x300	2762	7	76	28.5	A3	A4
HUS AA 033 LS	S	3	2734	12.38	1x450	3981	51.5	1/2"	7/8"	2x300	2762	7	78	28.5	A4	A4
HUS AA 053 LT	S	4	3660	8.55	1x500	4027	56.8	1/2"	7/8"	2x350	4004	14	90	39.4	A5	A7
HUS AA 065 LT	S	5	4130	9.45	1x500	9143	57.5	1/2"	7/8"	2x350	4004	14	92	39.4	A5	A7
HUS AA 077 LT	S	6	5150	12.68	2x500	7932	59	1/2"	7/8"	2x400	7043	14	96	46.7	A6	A9

Type:
 H = hermetic compressor
 S = scroll compressor

Absorption:
 HMBP - Te=-8°C, Tcond=47°C
 LBP - Te=-27°C, Tcond=47°C

LBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AA 002 LS	0.6	4	0.48	3	0.39	2	0.52	4	0.41	2	0.34	2	0.46	2	0.36	2	0.29	1
HUS AA 003 LS	0.67	5	0.53	4	0.44	3	0.59	5	0.47	3	0.38	3	0.52	3	0.41	3	0.33	2
HUS AA 004 LS	0.73	6	0.57	5	0.46	4	0.63	5	0.48	4	0.39	3	0.54	4	0.42	3	0.33	2
HUS AA 005 LS	0.87	9	0.69	6	0.55	5	0.76	7	0.6	5	0.48	4	0.66	5	0.51	4	0.41	3
HUS AA 008 LS	1.23	15	0.94	11	0.76	7	1.05	12	0.8	8	0.63	5	0.89	9	0.67	6	0.53	4
HUS AA 013 LS	1.62	22	1.24	16	0.99	11	1.37	17	1.05	13	0.82	8	1.17	14	0.88	10	0.68	5
HUS AA 021 LS	2.2	31	1.78	24	1.49	16	1.95	26	1.59	21	1.34	14	2.16	28	1.76	22	1.49	14
HUS AA 028 LS	2.8	41	2.28	32	1.91	23	2.49	34	2.03	28	1.7	19	2.76	37	2.25	29	1.89	19
HUS AA 033 LS	3.29	49	2.67	40	2.24	26	2.93	41	2.39	33	2	23	3.24	44	2.63	35	2.22	23
HUS AA 053 LT	4.98	77	4.05	63	3.4	41	4.44	66	3.61	53	3.03	35	4.9	69	3.99	55	3.36	36
HUS AA 065 LT	5.98	95	4.81	76	4.02	50	5.1	77	4.3	65	3.59	42	5.82	83	4.73	66	3.99	43
HUS AA 077 LT	6.92	111	5.63	90	4.71	59	6.17	94	5.02	77	4.21	50	6.82	98	5.54	77	4.67	51

Ta = Ambient temperature
 Tc = Cold room temperature

R448A / R449A

HMBP	Compressor/ Compresor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°xØ	m³/h	Dist = 10m	L	S	N°xØ	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBA					m	kg	kg		
HUS AJ 005 MS	H	1/2	589	3.76	1x350	1650	39	1/4"	3/8"	1x200	372	5	34	5.5	A1	J1
HUS AJ 008 MS	H	3/4	764	3.72	1x350	1460	39	1/4"	3/8"	2x200	744	6	36	9.9	A1	J2
HUS AJ 011 MS	H	3/4	946	4.79	1x400	2307	39	1/4"	3/8"	2x200	744	6	40	9.9	A2	J2
HUS AJ 012 MS	H	1	1045	5.36	1x400	2036	39	1/4"	1/2"	2x200	744	6	46	9.9	A2	J2
HUS AJ 018 MS	H	1	1328	7.73	1x400	2036	42	1/4"	1/2"	3x200	1116	7	46	14.1	A2	J3
HUS AJ 020 MS	H	1 1/4	1524	7.15	1x450	3475	52	1/4"	1/2"	3x200	1116	7	54	14.1	A3	J3
HUS AJ 026 MS	H	1 1/2	1964	9.13	1x450	3062	52	1/4"	1/2"	3x200	1116	7	56	14.1	A3	J3
HUS AJ 044 MS	S	2	2512	11.55	1x450	2706	49	3/8"	7/8"	4x200	1488	9	63	18.6	A3	J4

Type:

H = hermetic compressor

S = scroll compressor

Absorption:

HMBP - Te=-8°C, Tcond=47°C

LBP - Te=-27°C, Tcond=47°C

HMBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AJ 005 MS	1.05	6	0.86	5	0.7	4	0.92	7	0.76	5	0.62	4	0.81	5	0.66	4	0.54	2
HUS AJ 008 MS	1.44	13	1.2	10	0.99	7	1.27	12	1.05	8	0.86	6	1.12	10	0.93	6	0.76	5
HUS AJ 011 MS	1.69	17	1.4	13	1.15	9	1.48	15	1.24	11	1.01	8	1.31	13	1.08	8	0.89	6
HUS AJ 012 MS	1.86	20	1.53	14	1.24	11	1.62	17	1.32	12	1.07	9	1.4	14	1.14	9	0.92	6
HUS AJ 018 MS	2.44	30	2	22	1.62	15	2.14	26	1.75	18	1.41	13	1.87	20	1.53	14	1.24	10
HUS AJ 020 MS	2.78	35	2.24	25	1.77	18	2.38	29	1.9	20	1.47	14	2.01	22	1.6	15	1.22	10
HUS AJ 026 MS	3.39	45	2.79	32	2.26	24	2.92	38	2.39	26	1.93	20	2.53	29	2.07	21	1.66	15
HUS AJ 044 MS	5.1	70	4.26	51	3.53	39	4.56	61	3.82	44	3.18	33	4.04	48	3.4	36	2.83	28

Ta = Ambient temperature

Tc = Cold room temperature

R448A / R449A

LBP	Compressor/ Compresor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°×Ø	m³/h	Dist = 10m	L	S	N°×Ø	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBa					m	kg	kg		
HUS AJ 002 LS	H	3/4	500	2.55	1x350	1488	39	1/4"	3/8"	1x250	551	12	33	6	A1	JP1
HUS AJ 003 LS	H	3/4	559	2.89	1x350	1333	39	1/4"	3/8"	1x250	551	12	33	6	A1	JP1
HUS AJ 004 LS	H	3/4	646	3.90	1x350	1333	39	1/4"	3/8"	1x250	551	12	36	6	A1	JP1
HUS AJ 005 LS	H	1	746	3.65	1x350	1333	42	1/4"	3/8"	1x250	551	12	40	6	A1	JP1
HUS AJ 008 LS	H	1 1/4	1083	6.08	1x350	1127	42	1/4"	1/2"	2x250	1103	14	51	10.9	A1	JP2
HUS AJ 013 LS	H	1 1/2	1427	7.33	1x400	2036	52	1/4"	1/2"	2x250	1103	14	55	10.9	A2	JP2
HUS AJ 021 LS	S	2	2049	9.82	1x450	2706	52	3/8"	7/8"	3x250	1652	17	63	15.5	A3	JP3
HUS AJ 028 LS	S	2.5	2459	11.70	1x450	3062	52	3/8"	7/8"	3x250	1652	17	76	15.5	A3	JP3
HUS AJ 033 LS	S	3	2882	13.78	1x450	3981	52	1/2"	7/8"	4x250	2204	21	78	20.5	A4	JP4

Type:
H = hermetic compressor
S = scroll compressor

Absorption:
HMBP - Te=-8°C, Tcond=47°C
LBP - Te=-27°C, Tcond=47°C

LBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AJ 002 LS	0.6	4	0.48	3	0.39	2	0.52	4	0.41	2	0.34	2	0.46	2	0.36	2	0.29	1
HUS AJ 003 LS	0.67	5	0.53	4	0.44	3	0.59	5	0.47	3	0.38	3	0.52	3	0.41	3	0.33	2
HUS AJ 004 LS	0.73	6	0.57	5	0.46	4	0.63	5	0.48	4	0.39	3	0.54	4	0.42	3	0.33	2
HUS AJ 005 LS	0.87	9	0.69	6	0.55	5	0.76	7	0.6	5	0.48	4	0.66	5	0.51	4	0.41	3
HUS AJ 008 LS	1.23	15	0.94	11	0.76	7	1.05	12	0.8	8	0.63	5	0.89	9	0.67	6	0.53	4
HUS AJ 013 LS	1.62	22	1.24	16	0.99	11	1.37	17	1.05	13	0.82	8	1.17	14	0.88	10	0.68	5
HUS AJ 021 LS	2.2	31	1.78	24	1.49	16	1.95	26	1.59	21	1.34	14	2.16	28	1.76	22	1.49	14
HUS AJ 028 LS	2.8	41	2.28	32	1.91	23	2.49	34	2.03	28	1.7	19	2.76	37	2.25	29	1.89	19
HUS AJ 033 LS	3.29	49	2.67	40	2.24	26	2.93	41	2.39	33	2	23	3.24	44	2.63	35	2.22	23

Ta = Ambient temperature
Tc = Cold room temperature

R448A / R449A

HMBP	Compressor/ Compresor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°×Ø	m³/h	Dist = 10m	L	S	N°×Ø	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBA					m	kg	kg		
HUS AD 005 MS	H	1/2	601	3.76	1x350	1650	39	1/4"	3/8"	1x250	749	2 x 2	34	12.7	A1	D1
HUS AD 008 MS	H	3/4	738	3.52	1x350	1460	39	1/4"	3/8"	1x250	749	2 x 2	36	12.7	A1	D1
HUS AD 011 MS	H	3/4	920	4.59	1x400	2307	39	1/4"	3/8"	1x250	749	2 x 2	40	12.7	A2	D1
HUS AD 012 MS	H	1	1069	5.36	1x400	2036	39	1/4"	1/2"	2x250	1594	2 x 2	46	21.8	A2	D2
HUS AD 018 MS	H	1	1314	7.53	1x400	2036	42	1/4"	1/2"	2x250	1594	2 x 2	46	21.8	A2	D2
HUS AD 020 MS	H	1 1/4	1510	6.95	1x450	3475	52	1/4"	1/2"	2x250	1594	2 x 2	54	21.8	A3	D2
HUS AD 026 MS	H	1 1/2	1950	8.93	1x450	3062	52	1/4"	1/2"	2x250	1594	2 x 2	56	21.8	A3	D2
HUS AD 044 MS	S	2	2510	11.35	1x450	2706	49	3/8"	7/8"	3x250	2431	2 x 3	63	31.9	A3	D3
HUS AD 053 MS	S	2.5	2910	13.14	1x450	3981	49	3/8"	7/8"	4x250	3268	2 x 3	76	41.1	A4	D4
HUS AD 061 MS	S	3	3210	15.82	1x500	4475	49	1/2"	7/8"	3x350	5602	2 x 11	78	76.8	A5	D7
HUS AD 090 MT	S	4	4340	9.85	1x500	4232	49	1/2"	7/8"	3x350	5602	2 x 11	90	76.8	A5	D7
HUS AD 113 MT	S	5	5650	12.46	2x500	8489	52	1/2"	7/8"	3x350	5602	2 x 11	92	76.8	A6	D7
HUS AD 134 MT	S	6	6064	12.40	2x500	7932	52	1/2"	7/8"	2x400	5832	2 x 6	96	119.8	A6	DP1
HUS AD 166 MT	S	7	7391	14.77	2x500	7932	52	5/8"	1 1/8"	3x400	9414	2 x 8	97	142.5	A6	DP2
HUS AD 176 MT	S	8	7860	16.60	2x500	8659	54	5/8"	1 1/8"	2x450	8364	2 x 8	121	142	A7	DP3
HUS AD 244 MT	S	10	10590	21.96	2x500	8259	53	5/8"	1 1/8"	3x450	13675	2 x 10	130	168.7	A7	DP4

Type:

H = hermetic compressor

S = scroll compressor

Absorption:

HMBP - Te=-8°C, Tcond=47°C

LBP - Te=-27°C, Tcond=47°C

HMBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C		Tc=+5°C		Tc=0°C		Tc=-5°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AD 005 MS	1.05	6	0.86	5	0.7	4	0.92	7	0.76	5	0.62	4	0.81	5	0.66	4	0.54	2
HUS AD 008 MS	1.44	13	1.2	10	0.99	7	1.27	12	1.05	8	0.86	6	1.12	10	0.93	6	0.76	5
HUS AD 011 MS	1.69	17	1.4	13	1.15	9	1.48	15	1.24	11	1.01	8	1.31	13	1.08	8	0.89	6
HUS AD 012 MS	1.86	20	1.53	14	1.24	11	1.62	17	1.32	12	1.07	9	1.4	14	1.14	9	0.92	6
HUS AD 018 MS	2.44	30	2	22	1.62	15	2.14	26	1.75	18	1.41	13	1.87	20	1.53	14	1.24	10
HUS AD 020 MS	2.78	35	2.24	25	1.77	18	2.38	29	1.9	20	1.47	14	2.01	22	1.6	15	1.22	10
HUS AD 026 MS	3.39	45	2.79	32	2.26	24	2.92	38	2.39	26	1.93	20	2.53	29	2.07	21	1.66	15
HUS AD 044 MS	5.1	70	4.26	51	3.53	39	4.56	61	3.82	44	3.18	33	4.04	48	3.4	36	2.83	28
HUS AD 053 MS	6.1	86	5.09	63	4.22	48	5.45	74	4.56	53	3.79	41	4.82	58	4.06	44	3.39	34
HUS AD 061 MS	6.94	100	5.79	72	4.81	55	6.22	86	5.2	61	4.33	47	5.34	65	4.46	50	3.71	38
HUS AD 090 MT	9.92	149	8.28	106	6.86	81	8.88	126	7.43	90	6.18	69	7.85	98	6.6	76	5.51	58
HUS AD 113 MT	12.19	185	10.17	132	8.43	101	10.91	157	9.13	113	7.59	86	9.64	122	8.11	95	6.77	72
HUS AD 134 MT	14.45	221	12.06	158	10.01	121	12.94	187	10.82	134	9.01	103	11.43	145	9.62	113	8.04	86
HUS AD 166 MT	17.71	274	14.78	196	12.27	149	15.85	231	13.27	166	11.04	127	14.02	179	11.79	140	9.85	106
HUS AD 176 MT	18.7	290	15.61	207	12.95	158	16.74	245	14.01	176	11.65	134	14.8	190	12.44	148	10.4	113
HUS AD 244 MT	25.78	404	21.52	289	17.85	221	23.08	340	19.31	244	16.07	186	20.4	264	17.17	205	14.34	157

Ta = Ambient temperature

Tc = Cold room temperature

R448A / R449A

LBP	Compressor/ Compressor		Absorption/ Absorción		Condenser Fans		Noise/ Ruido	Pipe Fittings/ Tuberías		Evaporator Fans			N.W./Peso Neto		Dimensions/ Dimensiones	
	Type	HP	W	A	N°×Ø	m³/h	Dist = 10m	L	S	N°×Ø	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBa					m	kg	kg		
HUS AD 021 LS	S	2	1980	9.02	1x450	2706	52	3/8"	7/8"	1x350	1867	2 x 9	63	31.8	A3	D5
HUS AD 028 LS	S	2.5	2390	10.90	1x450	3062	52	3/8"	7/8"	1x350	1867	2 x 9	76	31.8	A3	D5
HUS AD 033 LS	S	3	2740	12.48	1x450	3981	52	1/2"	7/8"	1x350	1867	2 x 9	78	31.8	A4	D5
HUS AD 053 LT	S	4	3700	8.75	1x500	4027	57	1/2"	7/8"	2x350	3735	2 x 11	90	54.2	A5	D6
HUS AD 065 LT	S	5	4460	10.95	1x500	9143	58	1/2"	7/8"	2x350	3735	2 x 11	92	54.2	A5	D6
HUS AD 077 LT	S	6	5040	12.08	2x500	7932	59	1/2"	7/8"	2x350	3735	2 x 11	96	54.2	A6	D6

Type:
 H = hermetic compressor
 S = scroll compressor

Absorption:
 HMBP - Te=-8°C, Tcond=47°C
 LBP - Te=-27°C, Tcond=47°C

LBP	Ta=25°C						Ta=32°C						Ta=38°C					
	Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C		Tc=-15°C		Tc=-20°C		Tc=-25°C	
	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3	kW	m3
HUS AD 021 LS	2.2	31	1.78	24	1.49	16	1.95	26	1.59	21	1.34	14	2.16	28	1.76	22	1.49	14
HUS AD 028 LS	2.8	41	2.28	32	1.91	23	2.49	34	2.03	28	1.7	19	2.76	37	2.25	29	1.89	19
HUS AD 033 LS	3.29	49	2.67	40	2.24	26	2.93	41	2.39	33	2	23	3.24	44	2.63	35	2.22	23
HUS AD 053 LT	4.98	77	4.05	63	3.4	41	4.44	66	3.61	53	3.03	35	4.9	69	3.99	55	3.36	36
HUS AD 065 LT	5.98	95	4.81	76	4.02	50	5.1	77	4.3	65	3.59	42	5.82	83	4.73	66	3.99	43
HUS AD 077 LT	6.92	111	5.63	90	4.71	59	6.17	94	5.02	77	4.21	50	6.82	98	5.54	77	4.67	51

Ta = Ambient temperature
 Tc = Cold room temperature

Business Scope

Ámbito de Negocio



China | Chile | Israel | Spain | Colombia | Australia | Mexico | Thailand | United Kingdom | North Macedonia | New Zealand | Algeria | Ukraine | Malaysia | Poland | Peru | Uruguay | Russia | Hungary | Panama | Bulgaria | India | Ecuador | USA | Yemen | France | Malta | Saudi Arabia | Gabon | El Salvador | Lebanon | Turkey | Dominican Republic | Argentina | Syria | Italy | Venezuela | Singapore | Madagascar | Dubai | Uzbekistan | Costa Rica | Philippines | Honduras | Cyprus | Taiwan, China | Ghana | Jordan | Maldives | Qatar | Belgium | Albania

China | Chile | Israel | España | Colombia | Australia | México | Tailandia | Reino Unido | Macedonia del Norte | Nueva Zelanda | Argelia | Ucrania | Malasia | Polonia | Perú | Uruguay | Rusia | Hungría | Panamá | Bulgaria | India | Ecuador | EE.UU | Yemen | Francia | Malta | Arabia Saudita | Gabón | El Salvador | Líbano | Turquía | República Dominicana | Argentina | Siria | Italia | Venezuela | Singapur | Madagascar | Dubái | Uzbekistán | Costa Rica | Filipinas | Honduras | Chipre | Taiwán, China | Ghana | Jordania | Maldivas | Catar | Bélgica | Albania





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