



60HZ

—
SPLIT
SYSTEM

HFC / HFO (HCFC)

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

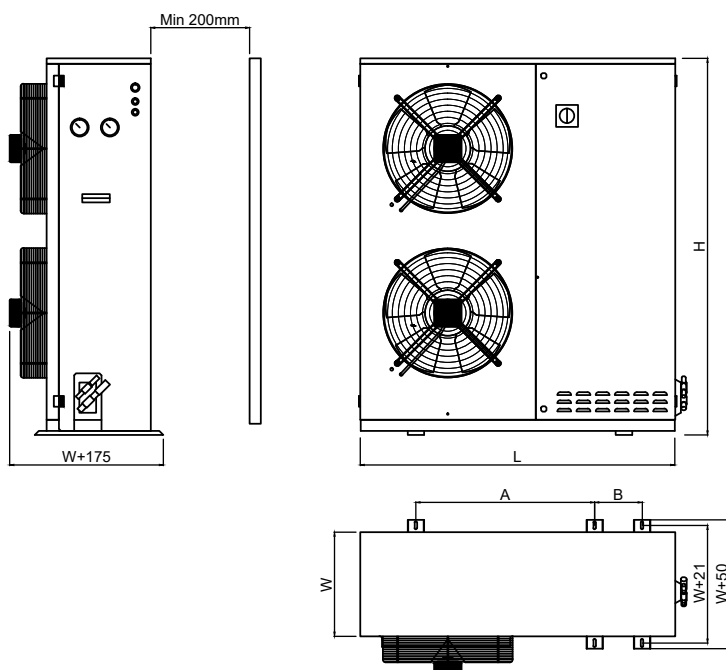
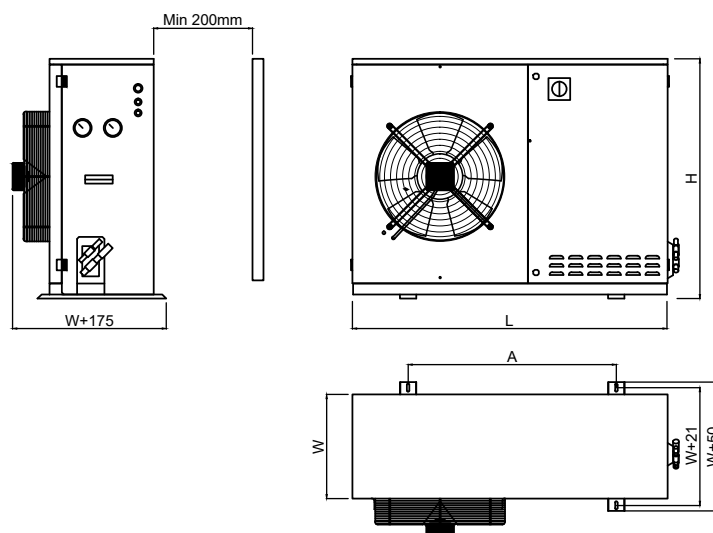
Accesorios opcionales:

- ▶ 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



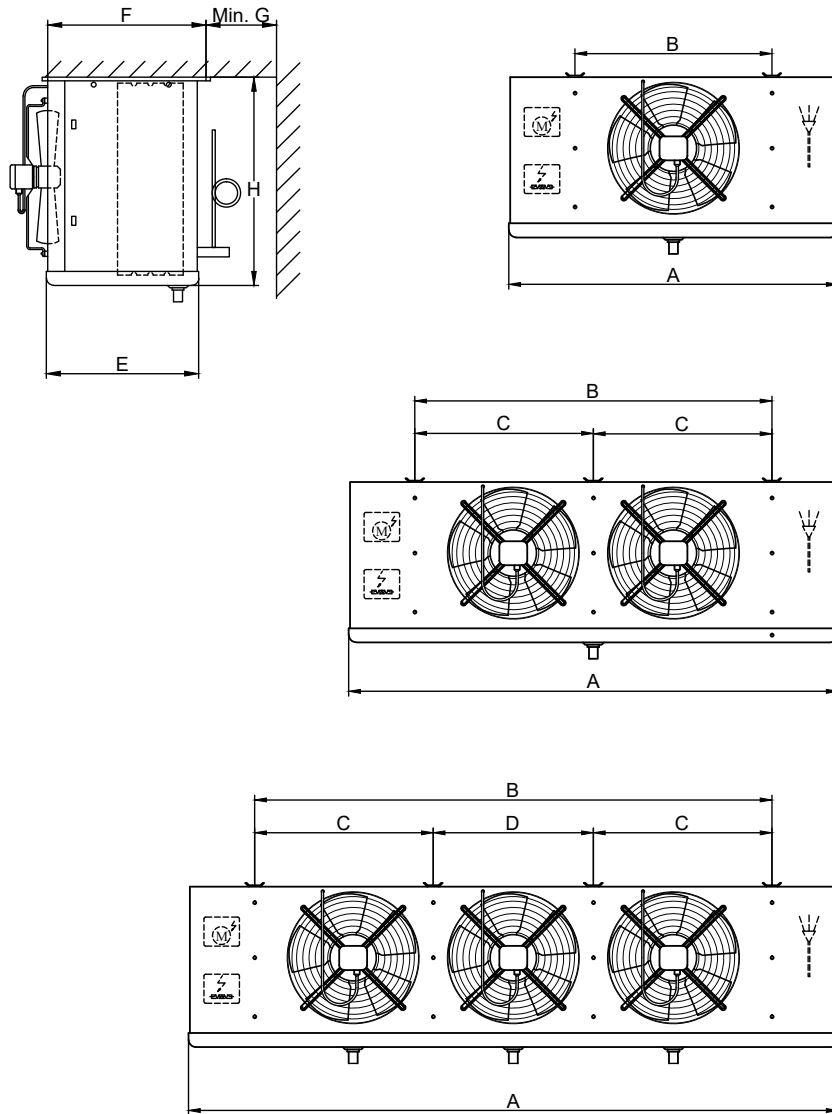
Para aplicaciones especiales e informaciones adicionales consultar a nuestro Departamento Técnico.

DIMENSIONS / DIMENSIONES



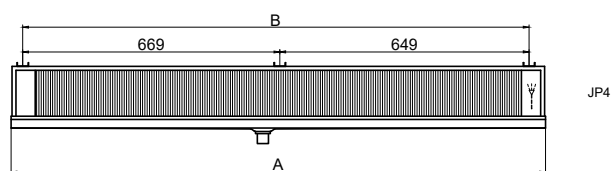
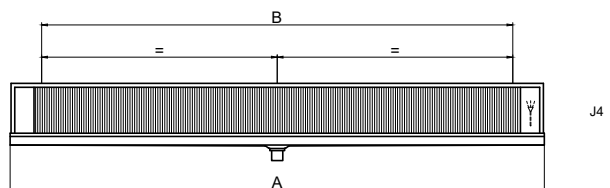
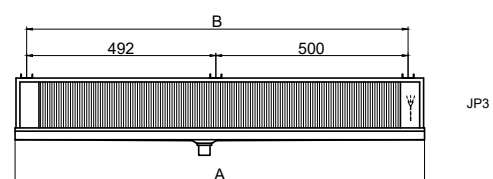
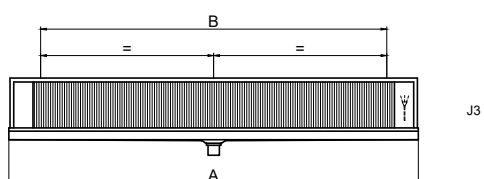
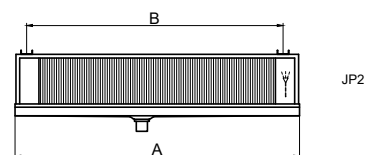
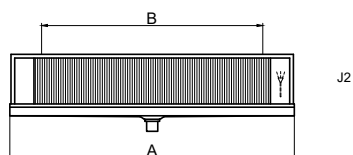
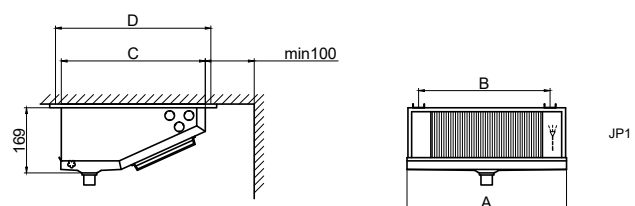
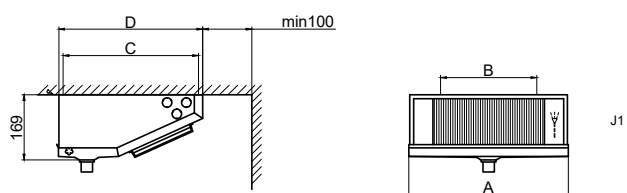
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A1	900	395	441	475
A2	1000	395	541	525
A3	1000	395	541	675
A4	1150	395	646	875
A5	1150	395	646	975
A6	1300	400	786	1275
A7	1500	445	986	1275

DIMENSIONS / DIMENSIONES



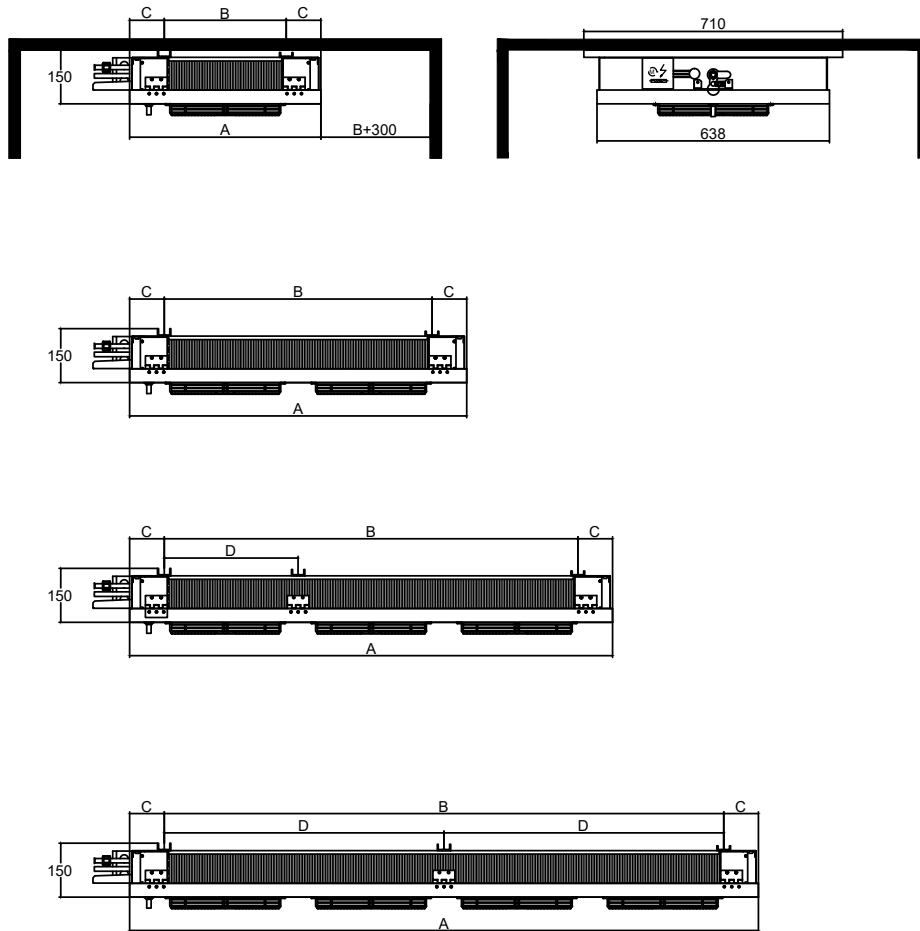
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HEA 2501	A1	702	420			325	375	200	350
HEA 2502	A2	1094	812			325	375	200	350
HEA 3001	A3	702	420			325	375	200	460
HEA 3002	A4	1094	812			325	375	200	460
HEA 3003	A5	1486	1204			325	375	250	460
HEA 3004	A6	1878	1596	406	392	325	375	250	460
HEA 3502	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



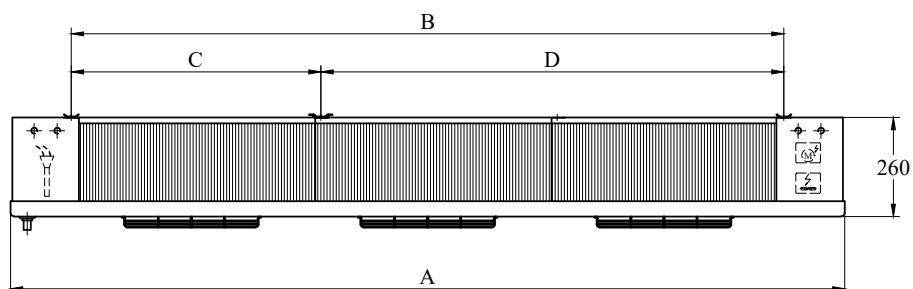
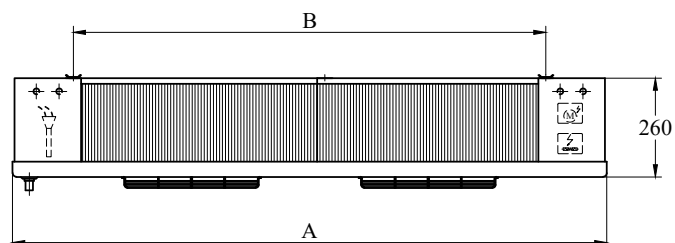
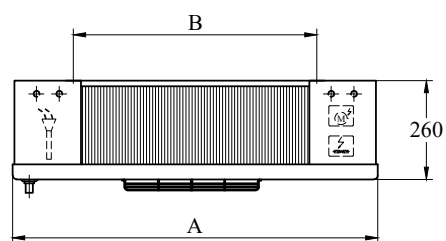
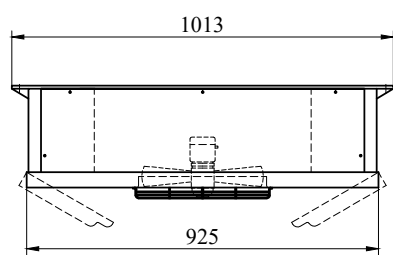
Dimensions / Dimensiones	A (mm)	B (mm)	C (mm)	D (mm)
J1	430	250	340	375
J2	765	575	340	375
J3	1090	900	340	375
J4	1420	1225	340	375
JP1	430	342	426	446
JP2	765	667	426	446
JP3	1090	992	426	446
JP4	1420	1317	426	446

DIMENSIONS / DIMENSIONES



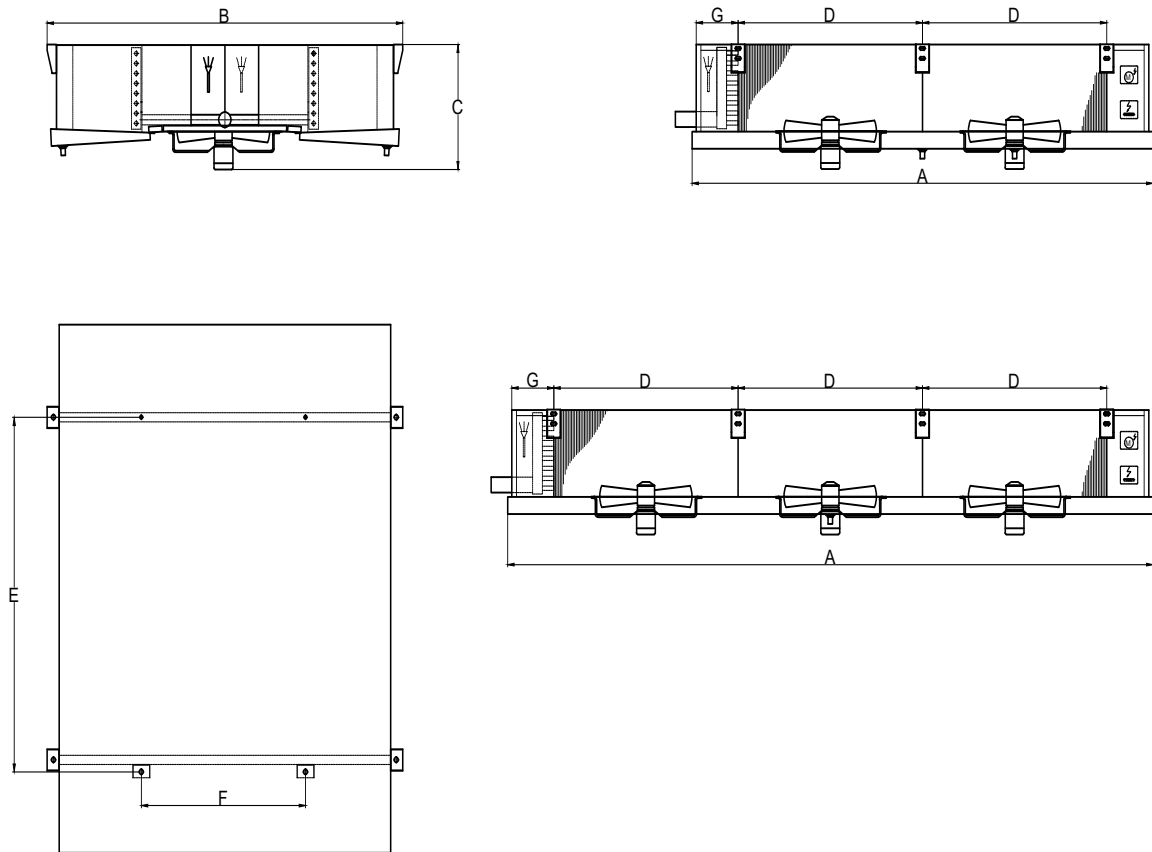
Dimensions / Dimensiones	A (mm)	B (mm)	C (mm)	D (mm)
D1	530	335	95	
D2	930	735	95	
D3	1330	1135	95	367.5
D4	1730	1535	95	367.5

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°×Ø	m³/h	Dist = 10m	L	S	N°×Ø	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBa					m	kg	kg		
HUS AA 006 MS	H	1/2	708	3.31	1x350	2124	37	1/4"	3/8"	1x250	997	4	34	13.7	A1	A1
HUS AA 008 MS	H	1/2	955	4.44	1x350	1964	42	1/4"	3/8"	1x250	997	4	36	13.7	A1	A1
HUS AA 012 MS	H	3/4	1094	5.04	1x400	2732	42	1/4"	3/8"	1x250	997	4	40	13.7	A2	A1
HUS AA 014 MS	H	1	1247	5.66	1x400	2397	42	1/4"	1/2"	1x300	1534	4	46	17.3	A2	A3
HUS AA 017 MS	H	1	1717	7.80	1x400	2397	42	1/4"	1/2"	1x300	1534	6	46	17.3	A2	A3
HUS AA 042 MS	S	2	2930	13.29	1x450	3040	49	3/8"	7/8"	2x300	3069	6	63	29.5	A3	A4
HUS AA 051 MS	S	2.5	3420	15.51	1x450	4175	49	3/8"	7/8"	3x300	4605	5	76	41.6	A4	A5
HUS AA 058 MS	S	3	3690	16.71	1x500	5176	49	1/2"	7/8"	3x300	4605	7	78	41.6	A5	A5
HUS AA 084 MT	S	4	4270	9.40	1x500	4844	49	1/2"	7/8"	4x300	6138	9	90	53.9	A5	A6
HUS AA 104 MT	S	5	5960	13.66	2x500	9689	49	1/2"	7/8"	3x400	10749	9	92	65	A6	A10
HUS AA 123 MT	S	6	6470	15.10	2x500	9078	52	1/2"	7/8"	3x400	10749	14	96	65	A6	A10
HUS AA 152 MT	S	7	8000	17.27	2x500	9078	52	5/8"	1 1/8"	1x500	6861	14	97	91.7	A6	A13
HUS AA 161 MT	S	8	8670	18.60	2x500	9981	54	5/8"	1 1/8"	3x450	14474	16	121	105	A7	A12
HUS AA 222 MT	S	10	11780	25.36	2x500	9396	53	5/8"	1 1/8"	2x500	16564	18	130	118.2	A7	A14

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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AA 006 MS	4043	7	3330	6	2716	5	3535	8	2910	6	2371	4	3088	6	2542	4	2071	3
HUS AA 008 MS	5340	14	4436	11	3634	7	4712	13	3907	8	3197	6	4152	11	3443	6	2811	5
HUS AA 012 MS	6978	22	5807	16	4784	11	6169	18	5132	12	4221	9	5446	16	4524	9	3712	9
HUS AA 014 MS	8011	27	6630	20	5408	12	6947	21	5739	14	4671	10	6019	19	4964	9	4030	10
HUS AA 017 MS	9769	35	8114	26	6688	16	8571	28	7114	17	5855	12	7513	25	6234	12	5125	14
HUS AA 042 MS	21018	90	17606	66	14637	40	18834	69	15798	42	13170	29	16821	67	14126	29	11806	39
HUS AA 051 MS	25078	110	20984	80	17469	48	22451	83	18834	51	15729	34	20063	81	16855	34	14057	47
HUS AA 058 MS	28388	126	23748	91	19755	55	25419	95	21325	58	17811	39	22690	93	19073	39	15934	54
HUS AA 084 MT	40773	187	34086	135	28388	80	36508	139	30606	84	25556	57	32585	137	27364	56	22860	80
HUS AA 104 MT	49952	232	41763	167	34768	99	44697	171	37498	104	31288	70	39920	169	33540	69	28013	100
HUS AA 123 MT	59164	277	49508	199	41183	117	52988	204	44458	123	37088	83	47324	202	39750	83	33199	119
HUS AA 152 MT	72539	342	60665	246	50498	145	64930	251	54456	152	45448	101	58004	250	48723	101	40705	147
HUS AA 161 MT	76702	362	64180	261	53398	153	68684	266	57629	161	48075	107	61348	265	51521	107	43025	156
HUS AA 222 MT	105636	504	88371	362	73529	212	94581	369	79329	222	66193	148	84447	367	70935	148	59266	216

Ta = Ambient temperature

Tc = Cold room temperature

Test condition: Ambient temperature: 35°C, Condensing temperature: 50°C/

Condiciones de prueba: temperatura ambiente: 35°C, temperatura de condensación: 50°C

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				
HUS AA 004 LS	H	3/4	594	2.79	1x350	2284	37	1/4"	3/8"	1x250	1043	4	33	13.7	A1	A1
HUS AA 004 LS	H	3/4	647	3.04	1x350	2124	37	1/4"	3/8"	1x250	1043	4	36	13.7	A1	A1
HUS AA 006 LS	H	3/4	708	3.31	1x350	2124	37	1/4"	3/8"	1x250	1043	4	40	13.7	A1	A1
HUS AA 007 LS	H	1	839	3.91	1x350	2124	37	1/4"	3/8"	1x250	1043	4	40	13.7	A1	A1
HUS AA 010 LS	H	1 1/4	949	4.41	1x350	1831	47	1/4"	1/2"	1x250	1043	4	51	13.7	A1	A1
HUS AA 011 LS	H	1 1/4	1144	5.26	1x400	2397	47	1/4"	1/2"	1x250	1043	6	55	13.7	A2	A1
HUS AA 027 LS	S	2	2234	10.19	1x450	3375	52	3/8"	7/8"	2x250	2087	5	63	22.9	A3	A2
HUS AA 036 LS	S	2.5	2780	12.64	1x450	3040	52	3/8"	7/8"	2x300	3216	7	76	28.5	A3	A4
HUS AA 043 LS	S	3	3160	14.42	1x450	4175	52	1/2"	7/8"	2x300	3216	7	78	28.5	A4	A4
HUS AA 068 LT	S	4	3800	9.10	1x500	5176	56.8	1/2"	7/8"	2x350	4177	14	90	39.4	A5	A7
HUS AA 081 LT	S	5	4160	9.50	1x500	4592	57.5	1/2"	7/8"	3x300	4825	14	92	40	A5	A5
HUS AA 096 LT	S	6	5350	13.28	2x500	4592	59	1/2"	7/8"	3x350	6252	14	96	55.5	A6	A8

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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AA 004 LS	2600	6	2057	5	1679	4	2276	6	1788	4	1450	3	1999	4	1559	4	1259	2
HUS AA 004 LS	2719	6	2129	5	1726	4	2365	6	1839	4	1481	4	2051	4	1587	4	1269	3
HUS AA 006 LS	3207	8	2532	7	2068	6	2808	8	2208	6	1795	6	2453	6	1918	6	1552	5
HUS AA 007 LS	3661	10	2890	9	2354	7	3207	10	2525	7	2047	7	2805	7	2197	7	1774	6
HUS AA 010 LS	4555	13	3562	12	2876	10	3914	13	3037	10	2436	9	3354	10	2583	10	2054	8
HUS AA 011 LS	5152	15	3961	14	3142	11	4401	15	3320	11	2573	10	3760	12	2774	11	2098	8
HUS AA 027 LS	9076	29	7370	31	6210	28	8086	30	6585	27	5562	29	7199	29	5903	30	4982	28
HUS AA 036 LS	11567	38	9417	41	7916	37	10304	39	8394	36	7063	38	9212	38	7506	39	6346	38
HUS AA 043 LS	13512	46	10987	48	9247	44	12044	47	9792	43	8257	45	10748	46	8769	47	7438	45
HUS AA 068 LT	20540	71	16719	76	14057	70	18288	73	14910	68	12556	71	16309	72	13341	74	11294	72
HUS AA 081 LT	24293	85	19755	91	16651	84	21632	87	17640	81	14842	85	19312	87	15763	89	13341	86
HUS AA 096 LT	28422	100	23133	108	19483	99	25317	102	20643	96	17401	101	22587	103	18459	105	15627	102

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 006 MS	H	1/2	694	3.21	1x350	2124	37	1/4"	3/8"	1x200	398	5	34	5.5	A1	J1
HUS AJ 008 MS	H	1/2	979	4.64	1x350	1964	42	1/4"	3/8"	2x200	797	6	36	9.9	A1	J2
HUS AJ 012 MS	H	3/4	1118	5.24	1x400	2732	42	1/4"	3/8"	2x200	797	6	40	9.9	A2	J2
HUS AJ 014 MS	H	1	1233	5.76	1x400	2397	42	1/4"	1/2"	2x200	797	6	46	9.9	A2	J2
HUS AJ 017 MS	H	1	1741	8.10	1x400	2397	42	1/4"	1/2"	3x200	1194	7	46	14.1	A2	J3
HUS AJ 042 MS	S	2	2902	13.39	1x450	3040	49	3/8"	7/8"	4x200	1593	7	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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AJ 006 MS	4043	7	3330	6	2716	5	3535	8	2910	6	2371	4	3088	6	2542	4	2071	3
HUS AJ 008 MS	5340	14	4436	11	3634	7	4712	13	3907	8	3197	6	4152	11	3443	6	2811	5
HUS AJ 012 MS	6978	22	5807	16	4784	11	6169	18	5132	12	4221	9	5446	16	4524	9	3712	9
HUS AJ 014 MS	8011	27	6630	20	5408	12	6947	21	5739	14	4671	10	6019	19	4964	9	4030	10
HUS AJ 017 MS	9769	35	8114	26	6688	16	8571	28	7114	17	5855	12	7513	25	6234	12	5125	14
HUS AJ 042 MS	21018	90	17606	66	14637	40	18834	69	15798	42	13170	29	16821	67	14126	29	11806	39

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°xØ	m³/h	Dist = 10m	L	S	N°xØ	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBA					m	kg	kg		
HUS AJ 004 LS	H	3/4	615	2.99	1x350	2284	37	1/4"	3/8"	1x250	571	12	33	6	A1	JP1
HUS AJ 004 LS	H	3/4	668	3.24	1x350	2124	37	1/4"	3/8"	1x250	571	12	36	6	A1	JP1
HUS AJ 006 LS	H	3/4	729	3.51	1x350	2124	37	1/4"	3/8"	1x250	571	12	40	6	A1	JP1
HUS AJ 007 LS	H	1	933	4.61	1x350	2124	37	1/4"	3/8"	2x250	1142	12	40	10.9	A1	JP2
HUS AJ 010 LS	H	1 1/4	1043	5.11	1x350	1831	47	1/4"	1/2"	2x250	1142	14	51	10.9	A1	JP2
HUS AJ 011 LS	H	1 1/4	1238	5.96	1x400	2397	47	1/4"	1/2"	2x250	1142	14	55	10.9	A2	JP2
HUS AJ 027 LS	S	2	2349	11.19	1x450	3375	52	3/8"	7/8"	3x250	1711	17	63	15.5	A3	JP3
HUS AJ 036 LS	S	2.5	2892	13.84	1x450	3040	52	3/8"	7/8"	4x250	2283	17	76	20.5	A3	JP4
HUS AJ 043 LS	S	3	3272	15.62	1x450	4175	52	1/2"	7/8"	4x250	2283	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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AJ 004 LS	2600	6	2057	5	1679	4	2276	6	1788	4	1450	3	1999	4	1559	4	1259	2
HUS AJ 004 LS	2719	6	2129	5	1726	4	2365	6	1839	4	1481	4	2051	4	1587	4	1269	3
HUS AJ 006 LS	3207	8	2532	7	2068	6	2808	8	2208	6	1795	6	2453	6	1918	6	1552	5
HUS AJ 007 LS	3661	10	2890	9	2354	7	3207	10	2525	7	2047	7	2805	7	2197	7	1774	6
HUS AJ 010 LS	4555	13	3562	12	2876	10	3914	13	3037	10	2436	9	3354	10	2583	10	2054	8
HUS AJ 011 LS	5152	15	3961	14	3142	11	4401	15	3320	11	2573	10	3760	12	2774	11	2098	8
HUS AJ 027 LS	9076	29	7370	31	6210	28	8086	30	6585	27	5562	29	7199	29	5903	30	4982	28
HUS AJ 036 LS	11567	38	9417	41	7916	37	10304	39	8394	36	7063	38	9212	38	7506	39	6346	38
HUS AJ 043 LS	13512	46	10987	48	9247	44	12044	47	9792	43	8257	45	10748	46	8769	47	7438	45

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°×Ø	m³/h	Dist = 10m	L	S	N°×Ø	m³/h	Air Throw/ Tiro	CU	EV	CU	EV
							dBA					m	kg	kg		
HUS AD 006 MS	H	1/2	708	3.31	1x350	2124	37	1/4"	3/8"	1x250	798	2 x 2	34	12.7	A1	D1
HUS AD 008 MS	H	1/2	955	4.44	1x350	1964	42	1/4"	3/8"	1x250	798	2 x 2	36	12.7	A1	D1
HUS AD 012 MS	H	3/4	1146	5.24	1x400	2732	42	1/4"	3/8"	2x250	1922	2 x 2	40	21.8	A2	D2
HUS AD 014 MS	H	1	1261	5.76	1x400	2397	42	1/4"	1/2"	2x250	1922	2 x 2	46	21.8	A2	D2
HUS AD 017 MS	H	1	1731	7.90	1x400	2397	42	1/4"	1/2"	2x250	1922	2 x 2	46	21.8	A2	D2
HUS AD 042 MS	S	2	2906	13.29	1x450	3040	49	3/8"	7/8"	3x250	2926	2 x 2	63	31.9	A3	D3
HUS AD 051 MS	S	2.5	3358	15.31	1x450	4175	49	3/8"	7/8"	4x250	3930	2 x 2	76	41.1	A4	D4
HUS AD 058 MS	S	3	4056	18.61	1x500	5176	49	1/2"	7/8"	3x350	6851	2 x 3	78	76.8	A5	D7
HUS AD 084 MT	S	4	4546	10.90	1x500	4844	49	1/2"	7/8"	3x350	6851	2 x 3	90	76.8	A5	D7
HUS AD 104 MT	S	5	5686	11.16	2x500	9689	49	1/2"	7/8"	2x400	6938	2 x 11	92	119.8	A6	DP1
HUS AD 123 MT	S	6	6196	12.60	2x500	9078	52.4	1/2"	7/8"	2x400	6938	2 x 11	96	119.8	A6	DP1
HUS AD 152 MT	S	7	7569	14.97	2x500	9078	52.4	1/2"	7/8"	3x400	11244	2 x 11	97	142.5	A6	DP2
HUS AD 161 MT	S	8	8180	17.20	2x500	9981	53.5	5/8"	1 1/8"	2x450	8900	2 x 6	121	142	A7	DP3
HUS AD 222 MT	S	10	11050	22.86	2x500	9396	53	5/8"	1 1/8"	3x450	14562	2 x 8	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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AD 006 MS	4043	7	3330	6	2716	5	3535	8	2910	6	2371	4	3088	6	2542	4	2071	3
HUS AD 008 MS	5340	14	4436	11	3634	7	4712	13	3907	8	3197	6	4152	11	3443	6	2811	5
HUS AD 012 MS	6978	22	5807	16	4784	11	6169	18	5132	12	4221	9	5446	16	4524	9	3712	9
HUS AD 014 MS	8011	27	6630	20	5408	12	6947	21	5739	14	4671	10	6019	19	4964	9	4030	10
HUS AD 017 MS	9769	35	8114	26	6688	16	8571	28	7114	17	5855	12	7513	25	6234	12	5125	14
HUS AD 042 MS	21018	90	17606	66	14637	40	18834	69	15798	42	13170	29	16821	67	14126	29	11806	39
HUS AD 051 MS	25078	110	20984	80	17469	48	22451	83	18834	51	15729	34	20063	81	16855	34	14057	47
HUS AD 058 MS	28388	126	23748	91	19755	55	25419	95	21325	58	17811	39	22690	93	19073	39	15934	54
HUS AD 084 MT	40773	187	34086	135	28388	80	36508	139	30606	84	25556	57	32585	137	27364	56	22860	80
HUS AD 104 MT	49952	232	41763	167	34768	99	44697	171	37498	104	31288	70	39920	169	33540	69	28013	100
HUS AD 123 MT	59164	277	49508	199	41183	117	52988	204	44458	123	37088	83	47324	202	39750	83	33199	119
HUS AD 152 MT	72539	342	60665	246	50498	145	64930	251	54456	152	45448	101	58004	250	48723	101	40705	147
HUS AD 161 MT	76702	362	64180	261	53398	153	68684	266	57629	161	48075	107	61348	265	51521	107	43025	156
HUS AD 222 MT	105636	504	88371	362	73529	212	94581	369	79329	222	66193	148	84447	367	70935	148	59266	216

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 AD 027 LS	S	2	2342	10.69	1x450	3375	52	3/8"	7/8"	1x350	2282	2 x 9	63	31.8	A3	D5
HUS AD 036 LS	S	2.5	2812	12.84	1x450	3040	52	3/8"	7/8"	1x350	2282	2 x 9	76	31.8	A3	D5
HUS AD 043 LS	S	3	3404	15.62	1x450	4175	52	1/2"	7/8"	2x350	4566	2 x 9	78	54.2	A4	D6
HUS AD 068 LT	S	4	3844	9.40	1x500	5176	56.8	1/2"	7/8"	2x350	4566	2 x 11	90	54.2	A5	D6
HUS AD 081 LT	S	5	4314	10.30	1x500	4592	57.5	1/2"	7/8"	2x350	4566	2 x 11	92	54.2	A5	D6
HUS AD 096 LT	S	6	5416	13.88	2x500	4592	59	1/2"	7/8"	3x350	6851	2 x 11	96	76.8	A6	D7

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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AD 027 LS	9076	29	7370	31	6210	28	8086	30	6585	27	5562	29	7199	29	5903	30	4982	28
HUS AD 036 LS	11567	38	9417	41	7916	37	10304	39	8394	36	7063	38	9212	38	7506	39	6346	38
HUS AD 043 LS	13512	46	10987	48	9247	44	12044	47	9792	43	8257	45	10748	46	8769	47	7438	45
HUS AD 068 LT	20540	71	16719	76	14057	70	18288	73	14910	68	12556	71	16309	72	13341	74	11294	72
HUS AD 081 LT	24293	85	19755	91	16651	84	21632	87	17640	81	14842	85	19312	87	15763	89	13341	86
HUS AD 096 LT	28422	100	23133	108	19483	99	25317	102	20643	96	17401	101	22587	103	18459	105	15627	102

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 AA 006 MS	H	1/2	708	3.31	1x350	2124	37	1/4"	3/8"	1x250	997	4	34	13.7	A1	A1
HUS AA 008 MS	H	1/2	955	4.44	1x350	1964	42	1/4"	3/8"	1x250	997	4	36	13.7	A1	A1
HUS AA 012 MS	H	3/4	1094	5.04	1x400	2732	42	1/4"	3/8"	1x250	997	4	40	13.7	A2	A1
HUS AA 014 MS	H	1	1247	5.66	1x400	2397	42	1/4"	1/2"	1x300	1534	4	46	17.3	A2	A3
HUS AA 017 MS	H	1	1717	7.80	1x400	2397	42	1/4"	1/2"	1x300	1534	6	46	17.3	A2	A3
HUS AA 042 MS	S	2	2930	13.29	1x450	3040	49	3/8"	7/8"	2x300	3069	6	63	29.5	A3	A4
HUS AA 051 MS	S	2.5	3420	15.51	1x450	4175	49	3/8"	7/8"	3x300	4605	5	76	41.6	A4	A5
HUS AA 058 MS	S	3	3690	16.71	1x500	5176	49	1/2"	7/8"	3x300	4605	7	78	41.6	A5	A5
HUS AA 084 MT	S	4	4270	9.40	1x500	4844	49	1/2"	7/8"	4x300	6138	9	90	53.9	A5	A6
HUS AA 104 MT	S	5	5960	13.66	2x500	9689	49	1/2"	7/8"	3x400	10749	9	92	65	A6	A10
HUS AA 123 MT	S	6	6470	15.10	2x500	9078	52	1/2"	7/8"	3x400	10749	14	96	65	A6	A10
HUS AA 152 MT	S	7	8000	17.27	2x500	9078	52	5/8"	1 1/8"	1x500	6861	14	97	91.7	A6	A13
HUS AA 161 MT	S	8	8670	18.60	2x500	9981	54	5/8"	1 1/8"	3x450	14474	16	121	105	A7	A12
HUS AA 222 MT	S	10	11780	25.36	2x500	9396	53	5/8"	1 1/8"	2x500	16564	18	130	118.2	A7	A14

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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AA 006 MS	3841	7	3164	6	2580	5	3358	8	2765	6	2252	4	2934	6	2415	4	1967	3
HUS AA 008 MS	5073	14	4214	11	3452	7	4476	13	3712	8	3037	6	3944	11	3271	6	2670	5
HUS AA 012 MS	6629	22	5517	16	4545	11	5861	18	4875	12	4010	9	5174	16	4298	9	3526	9
HUS AA 014 MS	7610	27	6299	20	5138	12	6600	21	5452	14	4437	10	5718	19	4716	9	3829	10
HUS AA 017 MS	9281	35	7708	26	6354	16	8142	28	6758	17	5562	12	7137	25	5922	12	4869	14
HUS AA 042 MS	19967	90	16726	66	13905	40	17892	69	15008	42	12512	29	15980	67	13420	29	11216	39
HUS AA 051 MS	23824	110	19935	80	16596	48	21328	83	17892	51	14943	34	19060	81	16012	34	13354	47
HUS AA 058 MS	26969	126	22561	91	18767	55	24148	95	20259	58	16920	39	21556	93	18119	39	15137	54
HUS AA 084 MT	38734	187	32382	135	26969	80	34683	139	29076	84	24278	57	30956	137	25996	56	21717	80
HUS AA 104 MT	47454	232	39675	167	33030	99	42462	171	35623	104	29724	70	37924	169	31863	69	26612	100
HUS AA 123 MT	56206	277	47033	199	39124	117	50339	204	42235	123	35234	83	44958	202	37763	83	31539	119
HUS AA 152 MT	68912	342	57632	246	47973	145	61684	251	51733	152	43176	101	55104	250	46287	101	38670	147
HUS AA 161 MT	72867	362	60971	261	50728	153	65250	266	54748	161	45671	107	58281	265	48945	107	40874	156
HUS AA 222 MT	100354	504	83952	362	69853	212	89852	369	75363	222	62883	148	80225	367	67388	148	56303	216

Ta = Ambient temperature

Tc = Cold room temperature

Test condition: Ambient temperature: 35°C, Condensing temperature: 50°C/

Condiciones de prueba: temperatura ambiente: 35°C, temperatura de condensación: 50°C

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 004 LS	H	3/4	594	2.79	1x350	2284	37	1/4"	3/8"	1x250	1043	4	33	13.7	A1	A1
HUS AA 004 LS	H	3/4	647	3.04	1x350	2124	37	1/4"	3/8"	1x250	1043	4	36	13.7	A1	A1
HUS AA 006 LS	H	3/4	708	3.31	1x350	2124	37	1/4"	3/8"	1x250	1043	4	40	13.7	A1	A1
HUS AA 007 LS	H	1	839	3.91	1x350	2124	37	1/4"	3/8"	1x250	1043	4	40	13.7	A1	A1
HUS AA 010 LS	H	1 1/4	949	4.41	1x350	1831	47	1/4"	1/2"	1x250	1043	4	51	13.7	A1	A1
HUS AA 011 LS	H	1 1/4	1144	5.26	1x400	2397	47	1/4"	1/2"	1x250	1043	6	55	13.7	A2	A1
HUS AA 027 LS	S	2	2234	10.19	1x450	3375	52	3/8"	7/8"	2x250	2087	5	63	22.9	A3	A2
HUS AA 036 LS	S	2.5	2780	12.64	1x450	3040	52	3/8"	7/8"	2x300	3216	7	76	28.5	A3	A4
HUS AA 043 LS	S	3	3160	14.42	1x450	4175	52	1/2"	7/8"	2x300	3216	7	78	28.5	A4	A4
HUS AA 068 LT	S	4	3800	9.10	1x500	5176	56.8	1/2"	7/8"	2x350	4177	14	90	39.4	A5	A7
HUS AA 081 LT	S	5	4160	9.50	1x500	4592	57.5	1/2"	7/8"	3x300	4825	14	92	40	A5	A5
HUS AA 096 LT	S	6	5350	13.28	2x500	4592	59	1/2"	7/8"	3x350	6252	14	96	55.5	A6	A8

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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AA 004 LS	2470	6	1954	5	1595	4	2162	6	1699	4	1378	3	1899	4	1481	4	1196	2
HUS AA 004 LS	2583	6	2023	5	1640	4	2247	6	1747	4	1407	4	1948	4	1508	4	1206	3
HUS AA 006 LS	3047	8	2405	7	1965	6	2668	8	2098	6	1705	6	2330	6	1822	6	1474	5
HUS AA 007 LS	3478	10	2746	9	2236	7	3047	10	2399	7	1945	7	2665	7	2087	7	1685	6
HUS AA 010 LS	4327	13	3384	12	2732	10	3718	13	2885	10	2314	9	3186	10	2454	10	1951	8
HUS AA 011 LS	4894	15	3763	14	2985	11	4181	15	3154	11	2444	10	3572	12	2635	11	1993	8
HUS AA 027 LS	8622	29	7002	31	5900	28	7682	30	6256	27	5284	29	6839	29	5608	30	4733	28
HUS AA 036 LS	10989	38	8946	41	7520	37	9789	39	7974	36	6710	38	8751	38	7131	39	6029	38
HUS AA 043 LS	12836	46	10438	48	8785	44	11442	47	9302	43	7844	45	10211	46	8331	47	7066	45
HUS AA 068 LT	19513	71	15883	76	13354	70	17374	73	14165	68	11928	71	15494	72	12674	74	10729	72
HUS AA 081 LT	23078	85	18767	91	15818	84	20550	87	16758	81	14100	85	18346	87	14975	89	12674	86
HUS AA 096 LT	27001	100	21976	108	18509	99	24051	102	19611	96	16531	101	21458	103	17536	105	14846	102

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 006 MS	H	1/2	694	3.21	1x350	2124	37	1/4"	3/8"	1x200	398	5	34	5.5	A1	J1
HUS AJ 008 MS	H	1/2	979	4.64	1x350	1964	42	1/4"	3/8"	2x200	797	6	36	9.9	A1	J2
HUS AJ 012 MS	H	3/4	1118	5.24	1x400	2732	42	1/4"	3/8"	2x200	797	6	40	9.9	A2	J2
HUS AJ 014 MS	H	1	1233	5.76	1x400	2397	42	1/4"	1/2"	2x200	797	6	46	9.9	A2	J2
HUS AJ 017 MS	H	1	1741	8.10	1x400	2397	42	1/4"	1/2"	3x200	1194	7	46	14.1	A2	J3
HUS AJ 042 MS	S	2	2902	13.39	1x450	3040	49	3/8"	7/8"	4x200	1593	7	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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AJ 006 MS	3841	7	3164	6	2580	5	3358	8	2765	6	2252	4	2934	6	2415	4	1967	3
HUS AJ 008 MS	5073	14	4214	11	3452	7	4476	13	3712	8	3037	6	3944	11	3271	6	2670	5
HUS AJ 012 MS	6629	22	5517	16	4545	11	5861	18	4875	12	4010	9	5174	16	4298	9	3526	9
HUS AJ 014 MS	7610	27	6299	20	5138	12	6600	21	5452	14	4437	10	5718	19	4716	9	3829	10
HUS AJ 017 MS	9281	35	7708	26	6354	16	8142	28	6758	17	5562	12	7137	25	5922	12	4869	14
HUS AJ 042 MS	19967	90	16726	66	13905	40	17892	69	15008	42	12512	29	15980	67	13420	29	11216	39

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 AJ 004 LS	H	3/4	615	2.99	1x350	2284	37	1/4"	3/8"	1x250	571	12	33	6	A1	JP1
HUS AJ 004 LS	H	3/4	668	3.24	1x350	2124	37	1/4"	3/8"	1x250	571	12	36	6	A1	JP1
HUS AJ 006 LS	H	3/4	729	3.51	1x350	2124	37	1/4"	3/8"	1x250	571	12	40	6	A1	JP1
HUS AJ 007 LS	H	1	933	4.61	1x350	2124	37	1/4"	3/8"	2x250	1142	12	40	10.9	A1	JP2
HUS AJ 010 LS	H	1 1/4	1043	5.11	1x350	1831	47	1/4"	1/2"	2x250	1142	14	51	10.9	A1	JP2
HUS AJ 011 LS	H	1 1/4	1238	5.96	1x400	2397	47	1/4"	1/2"	2x250	1142	14	55	10.9	A2	JP2
HUS AJ 027 LS	S	2	2349	11.19	1x450	3375	52	3/8"	7/8"	3x250	1711	17	63	15.5	A3	JP3
HUS AJ 036 LS	S	2.5	2892	13.84	1x450	3040	52	3/8"	7/8"	4x250	2283	17	76	20.5	A3	JP4
HUS AJ 043 LS	S	3	3272	15.62	1x450	4175	52	1/2"	7/8"	4x250	2283	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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AJ 004 LS	2470	6	1954	5	1595	4	2162	6	1699	4	1378	3	1899	4	1481	4	1196	2
HUS AJ 004 LS	2583	6	2023	5	1640	4	2247	6	1747	4	1407	4	1948	4	1508	4	1206	3
HUS AJ 006 LS	3047	8	2405	7	1965	6	2668	8	2098	6	1705	6	2330	6	1822	6	1474	5
HUS AJ 007 LS	3478	10	2746	9	2236	7	3047	10	2399	7	1945	7	2665	7	2087	7	1685	6
HUS AJ 010 LS	4327	13	3384	12	2732	10	3718	13	2885	10	2314	9	3186	10	2454	10	1951	8
HUS AJ 011 LS	4894	15	3763	14	2985	11	4181	15	3154	11	2444	10	3572	12	2635	11	1993	8
HUS AJ 027 LS	8622	29	7002	31	5900	28	7682	30	6256	27	5284	29	6839	29	5608	30	4733	28
HUS AJ 036 LS	10989	38	8946	41	7520	37	9789	39	7974	36	6710	38	8751	38	7131	39	6029	38
HUS AJ 043 LS	12836	46	10438	48	8785	44	11442	47	9302	43	7844	45	10211	46	8331	47	7066	45

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 AD 006 MS	H	1/2	708	3.31	1x350	2124	37	1/4"	3/8"	1x250	798	2 x 2	34	12.7	A1	D1
HUS AD 008 MS	H	1/2	955	4.44	1x350	1964	42	1/4"	3/8"	1x250	798	2 x 2	36	12.7	A1	D1
HUS AD 012 MS	H	3/4	1146	5.24	1x400	2732	42	1/4"	3/8"	2x250	1922	2 x 2	40	21.8	A2	D2
HUS AD 014 MS	H	1	1261	5.76	1x400	2397	42	1/4"	1/2"	2x250	1922	2 x 2	46	21.8	A2	D2
HUS AD 017 MS	H	1	1731	7.90	1x400	2397	42	1/4"	1/2"	2x250	1922	2 x 2	46	21.8	A2	D2
HUS AD 042 MS	S	2	2906	13.29	1x450	3040	49	3/8"	7/8"	3x250	2926	2 x 2	63	31.9	A3	D3
HUS AD 051 MS	S	2.5	3358	15.31	1x450	4175	49	3/8"	7/8"	4x250	3930	2 x 2	76	41.1	A4	D4
HUS AD 058 MS	S	3	4056	18.61	1x500	5176	49	1/2"	7/8"	3x350	6851	2 x 3	78	76.8	A5	D7
HUS AD 084 MT	S	4	4546	10.90	1x500	4844	49	1/2"	7/8"	3x350	6851	2 x 3	90	76.8	A5	D7
HUS AD 104 MT	S	5	5686	11.16	2x500	9689	49	1/2"	7/8"	2x400	6938	2 x 11	92	119.8	A6	DP1
HUS AD 123 MT	S	6	6196	12.60	2x500	9078	52.4	1/2"	7/8"	2x400	6938	2 x 11	96	119.8	A6	DP1
HUS AD 152 MT	S	7	7569	14.97	2x500	9078	52.4	1/2"	7/8"	3x400	11244	2 x 11	97	142.5	A6	DP2
HUS AD 161 MT	S	8	8180	17.20	2x500	9981	53.5	5/8"	1 1/8"	2x450	8900	2 x 6	121	142	A7	DP3
HUS AD 222 MT	S	10	11050	22.86	2x500	9396	53	5/8"	1 1/8"	3x450	14562	2 x 8	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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AD 006 MS	3841	7	3164	6	2580	5	3358	8	2765	6	2252	4	2934	6	2415	4	1967	3
HUS AD 008 MS	5073	14	4214	11	3452	7	4476	13	3712	8	3037	6	3944	11	3271	6	2670	5
HUS AD 012 MS	6629	22	5517	16	4545	11	5861	18	4875	12	4010	9	5174	16	4298	9	3526	9
HUS AD 014 MS	7610	27	6299	20	5138	12	6600	21	5452	14	4437	10	5718	19	4716	9	3829	10
HUS AD 017 MS	9281	35	7708	26	6354	16	8142	28	6758	17	5562	12	7137	25	5922	12	4869	14
HUS AD 042 MS	19967	90	16726	66	13905	40	17892	69	15008	42	12512	29	15980	67	13420	29	11216	39
HUS AD 051 MS	23824	110	19935	80	16596	48	21328	83	17892	51	14943	34	19060	81	16012	34	13354	47
HUS AD 058 MS	26969	126	22561	91	18767	55	24148	95	20259	58	16920	39	21556	93	18119	39	15137	54
HUS AD 084 MT	38734	187	32382	135	26969	80	34683	139	29076	84	24278	57	30956	137	25996	56	21717	80
HUS AD 104 MT	47454	232	39675	167	33030	99	42462	171	35623	104	29724	70	37924	169	31863	69	26612	100
HUS AD 123 MT	56206	277	47033	199	39124	117	50339	204	42235	123	35234	83	44958	202	37763	83	31539	119
HUS AD 152 MT	68912	342	57632	246	47973	145	61684	251	51733	152	43176	101	55104	250	46287	101	38670	147
HUS AD 161 MT	72867	362	60971	261	50728	153	65250	266	54748	161	45671	107	58281	265	48945	107	40874	156
HUS AD 222 MT	100354	504	83952	362	69853	212	89852	369	75363	222	62883	148	80225	367	67388	148	56303	216

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 027 LS	S	2	2342	10.69	1x450	3375	52	3/8"	7/8"	1x350	2282	2 x 9	63	31.8	A3	D5
HUS AD 036 LS	S	2.5	2812	12.84	1x450	3040	52	3/8"	7/8"	1x350	2282	2 x 9	76	31.8	A3	D5
HUS AD 043 LS	S	3	3404	15.62	1x450	4175	52	1/2"	7/8"	2x350	4566	2 x 9	78	54.2	A4	D6
HUS AD 068 LT	S	4	3844	9.40	1x500	5176	56.8	1/2"	7/8"	2x350	4566	2 x 11	90	54.2	A5	D6
HUS AD 081 LT	S	5	4314	10.30	1x500	4592	57.5	1/2"	7/8"	2x350	4566	2 x 11	92	54.2	A5	D6
HUS AD 096 LT	S	6	5416	13.88	2x500	4592	59	1/2"	7/8"	3x350	6851	2 x 11	96	76.8	A6	D7

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	
	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3	Btu/h	m3
HUS AD 027 LS	8622	29	7002	31	5900	28	7682	30	6256	27	5284	29	6839	29	5608	30	4733	28
HUS AD 036 LS	10989	38	8946	41	7520	37	9789	39	7974	36	6710	38	8751	38	7131	39	6029	38
HUS AD 043 LS	12836	46	10438	48	8785	44	11442	47	9302	43	7844	45	10211	46	8331	47	7066	45
HUS AD 068 LT	19513	71	15883	76	13354	70	17374	73	14165	68	11928	71	15494	72	12674	74	10729	72
HUS AD 081 LT	23078	85	18767	91	15818	84	20550	87	16758	81	14100	85	18346	87	14975	89	12674	86
HUS AD 096 LT	27001	100	21976	108	18509	99	24051	102	19611	96	16531	101	21458	103	17536	105	14846	102

Ta = Ambient temperature
 Tc = Cold room temperature

Business Scope

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