



Zanco
Air Conditioners

Zanco, Air Of Life

Advanced Air Conditioning systems

Chiller Catalogue
Edition 2025



جہان
تاسیسات

Zanco Products With The Guarantee Of Jahan Tasisat Diaco Pars



Zanco

Air Conditioners

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www.jtdpac.com www.zanco.co

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About Zanco

Jahan Tasisat Diaco Pars Company has been working in the field of consulting, design, sales and after-sales services of advanced air conditioning systems since 2008 with the aim of providing services higher than the common standards in the country

Our most important goal is to achieve complete customer satisfaction and provide comfort and convenience in their homes and workplaces

In a short time, we have been able to make our name and this brand famous in Iran with American Copeland compressors made in Thailand and China. In the post-sale phase, full support in all stages of design, implementation, installation and remote work service in short-term time frames is one of the main duties of the technical department of this company

A variety of cooling and heating quality products such as chillers and mini chillers, fan coils and duct splits (Ducted split units) are part of our wide product range

We believe that honest technical and specialized services and advice regarding air conditioning systems distinguish us from other colleagues active in this sector. Our technical and engineering consulting services are provided to you in two stages before and after the sale of the equipment. In the pre-sale phase, our sales and technical engineers will guide you in making decisions and choosing the best type of air conditioning systems with advice and guidance. Providing technical and financial proposals in the form of engineering documents and drawings is one of the free services of Jahan Tasisat Diaco Pars Company

All the offered products of Zanco brand have a warranty card approved by the Consumer Rights Protection Organization and are subject to after-sales service. These services are provided by the representatives of this company in Tehran and other cities

Over the past few years, customer orientation and loyalty to commitments have formed the foundation of the company. We believe that with the increasing expectations and demands of today's smart consumers in the air conditioning industry, we are always upgrading the technical level of our products and personnel



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Mini Chiller

MODEL : COMPACT
AIR COOLED CHILLER

- Capacity : 4- 8 TON (Nominal)
- Compressor : Scroll – Copeland Or Danfoss
- Condenser : Air Cooled
- Fan : Zilabeg
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic



MODEL : Compact					R22- R407C	CSC22004	CSC22005	CSC22006	CSC22008		
CAPACITY	NOMINAL		TON		4	5	6	8			
	ACTUAL	KW		11.9	14.5	17.6	23.3				
		TON		3.4	4.1	5.0	6.7				
COMPRESSOR	TYPE		SCROLL	1 Circuit	1 Circuit	1 Circuit	1 Circuit				
	QTY		-	1	1	1	1				
	BRAND		-	Copeland	Copeland	Copeland	Copeland				
	MODEL		ZR	ZR48	ZR61	ZR72	ZR94				
	REFRIGERANT		TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C				
	MAX CURRENT		A	6.5	7.38	7.93	9.5				
	COP		-	4.2	4.1	4.0	3.9				
	CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube				
QTY			1	1	1	1					
ROW-FPI			3-12	3-12	3-12	4-12					
FAN		QTY	1	1	1	1					
		MODEL	50	50	63	63					
		RPM	900	1320	900	900					
EVAPORATOR	TYPE		Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube				
	WATER VOLUME		Lit	23.0	24.5	26.0	28.0				
	FLOW RATE		GPM	8	10	12	16				
UNIT DIMENSION	L		Cm	150	150	150	150				
	W		Cm	95	95	95	95				
	H		Cm	140	140	140	140				
CONNECTION		INLET/OUTLET		In	1	1	1-1/4	1-1/4			
ELECTRICAL DATA	VOLTAGE		V	220-380	380	380	380				
	MAX POWER INPUT		KW	5	6	7	8				
	MAX CURRENT		A	10	11	12	13				
CAPACITY CORRECTION OF AIR COOLED CHILLER			Air Temperature Over Condenser Coil (T Ambient) F								
			95 (35C)			100 (38C)			105 (40C)		
			Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	CSC22004	3.0	11.9	8	3.3	11.5	8	3.4	11.2	8	
	CSC22005	3.6	14.5	10	3.9	14.0	10	4.0	13.7	9	
	CSC22006	4.3	17.6	12	4.6	17.0	12	4.8	16.7	11	
	CSC22008	5.5	23.3	16	5.8	22.6	15	6.1	22.0	15	

Mini Chiller

MODEL : PERMIUM
AIR COOLED CHILLER

- Capacity : 10- 18 TON (Nominal)
- Compressor : Scroll – Copeland Or Danfoss
- Condenser : Air Cooled
- Fan : Zilabeg
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic

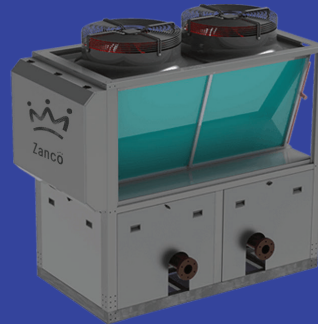


MODEL : Permium				R22-R407C	HSC22010	HSC22012	HSC22014	HSC22016	HSC22018	
CAPACITY	NOMINAL	TON		10	12	14	16	18		
	ACTUAL	KW		29.0	35.2	40.0	46.6	52.6		
		TON		8.3	10.1	11.4	13.3	15.0		
COMPRESSOR	TYPE	SCROLL		2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit		
	QTY	-		2	2	2	2	2		
	BRAND	-		Copeland	Copeland	Copeland	Copeland	Copeland		
	MODEL	ZR		ZR61	ZR72	ZR81	ZR94	ZR108		
	REFRIGERANT	TYPE		R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C		
	MAX CURRENT	A		11	12	15	17	17		
	COP	-		4.1	4.0	4.1	3.9			
CONDENSER	COIL	TYPE		Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube		
		QTY		2	2	2	2	2		
		ROW-FPI		3-12	3-12	3-12	4-12	4-12		
	FAN	QTY		1	1	1	1	1		
		MODEL		63	63	63	71	71		
		RPM		900	900	900	900	900		
EVAPORATOR	TYPE	Shell-Tube		Shell- Tube	Shell- Tube	Shell- Tube	Shell- Tube	Shell- Tube		
	WATER VOLUME	Lit		27	35	45	55	55		
	FLOW RATE	GPM		20	24	27	32	36		
UNIT DIMENSION	L	Cm		240	240	240	240	240		
	W	Cm		95	95	95	95	95		
	H	Cm		140	140	140	140	140		
CONNECTION	INLET/OUTLET	In		1-1/4	1-1/2	1-1/2	1-1/2	1-1/2		
ELECTRICAL DATA	VOLTAGE	V		380	380	380	380	380		
	MAX POWER INPUT	KW		10	11	13	15	16		
	MAX CURRENT	A		15	17	20	23	30		
CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSC22010	7.2	29.0	20	7.8	28.0	19	8.0	27.4	19
	HSC22012	8.6	35.2	24	9.2	35.0	24	5.6	33.4	23
	HSC22014	9.6	40.0	27	10.0	38.5	26	10.6	37.7	26
	HSC22016	11.0	46.6	32	11.6	45.2	31	12.2	44.0	30
	HSC22018	12.28	52.6	36	13.1	51.0	35	13.6	50.0	34

Chiller

MODEL : MIDDLE- SCROLL- R22
AIR COOLED CHILLER

- Capacity : 15- 30 TON (Nominal)
- Compressor : Scroll- Copeland
- Condenser : Air Cooled
- Fan : Zilabeg, EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic



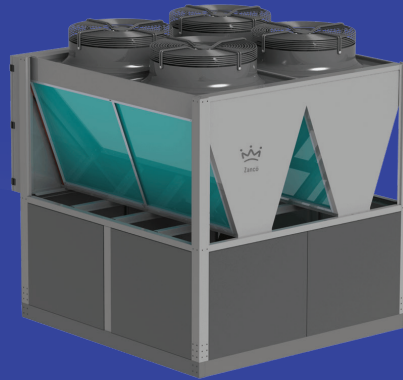
MODEL : Middle- Scroll- R22		R22-R407C	MSC22015	MSC22020	MSC22025	MSC22030
CAPACITY	NOMINAL	TON	15	20	25	30
	ACTUAL	KW	45.0	60.0	68.4	87.8
		TON	12.8	17.1	19.4	25.0
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	2	2	2	2
	BRAND	-	Copeland	Copeland	Copeland	Copeland
	MODEL	ZR	ZR94	ZR125	ZR144	ZR190
	REFRIGERANT	TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C
	MAX CURRENT	A	24	30	34	48
	COP	-	4.2	4.3	4.3	4.0
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	2	2	2	2
		ROW-FPI	3-12	3-12	4-12	4-12
	FAN	QTY	2	2	2	2
		MODEL	71	71	80	80
		RPM	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	27	42	75	105
	FLOW RATE	GPM	31	41	47	60
UNIT DIMENSION	L	Cm	250	250	250	250
	W	Cm	132	132	132	132
	H	Cm	235	235	235	235
CONNECTION	INLET/OUTLET	In	1-1/2	2	2	2-1/2
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380
	MAX POWER INPUT	KW	15	18	22	28
	MAX CURRENT	A	30	36	40	52

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	MSC22015	11	45	31	12	43	30	12	43	29
	MSC22020	15	60	41	16	58	40	16	57	39
	MSC22025	16	68	47	18	66	45	18	65	44
	MSC22030	22	88	60	24	85	58	25	83	57

Chiller

MODEL : HEAVY- SCROLL- R22
AIR COOLED CHILLER

- Capacity : 40- 200 TON (Nominal)
- Compressor : Scroll- Copeland, Danfoss
- Condenser : Air Cooled
- Fan : Zilabeg, EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic

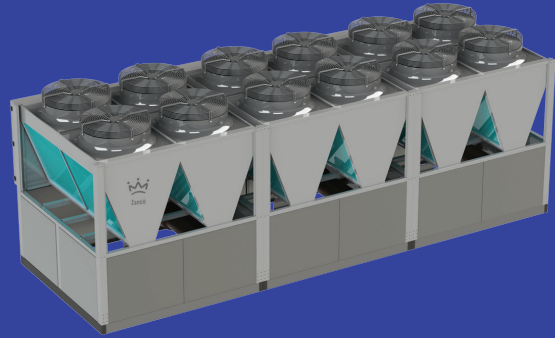


MODEL : Heavy- Scroll- R22			R22-R407C	HSC22040	HSC22050	HSC22060	HSC22070	HSC22080	HSC22100	
CAPACITY	NOMINAL	TON	40	50	60	70	80	100		
	ACTUAL	KW	114	142	176	200	228	286		
		TON	32	40	50	57	65	81		
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit		
	QTY	-	2	2	2	6	4	4		
	BRAND	-	Copeland	Copeland	Copeland	Copeland	Copeland	Copeland		
	MODEL	ZR	ZR250	ZR310	ZR380	ZR144	ZR250	ZR310		
	REFRIGERANT	TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C		
	MAX CURRENT	A	56	72	86	100	112	140		
	COP	-	4.0	4.0	4.2	4.2	4.1	4.0		
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube		
		QTY	4	4	4	4	6	6		
		ROW-FPI	3-12	3-12	4-12	4-12	4-12	4-12		
	FAN	QTY	4	4	4	4	6	6		
		MODEL	71	71	80	80	80	80		
		RPM	900	900	900	900	900	900		
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube		
	WATER VOLUME	Lit	100	100	110	150	160	180		
	FLOW RATE	GPM	78	97	120	136	156	195		
UNIT DIMENSION	L	Cm	240	240	240	240	360	360		
	W	Cm	220	220	220	220	240	240		
	H	Cm	260	260	260	260	260	260		
CONNECTION	INLET/OUTLET	In	3	3	3	3	4	4		
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380	380		
	MAX POWER INPUT	KW	37	45	52	63	74	90		
	MAX CURRENT	A	60	76	90	110	125	150		
CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSC22040	29	114	78	31	111	76	32	109	74
	HSC22050	36	142	97	38	138	94	40	135	92
	HSC22060	44	176	120	47	171	117	49	168	114
	HSC22070	51	200	136	54	194	132	56	189	129
	HSC22080	58	228	156	62	222	151	64	218	148
	HSC22100	73	286	195	77	278	189	81	272	186

Chiller

MODEL : HEAVY- SCROLL- R22
AIR COOLED CHILLER

- Capacity : 40- 200 TON (Nominal)
- Compressor : Scroll- Copeland, Danfoss
- Condenser : Air Cooled
- Fan : Zilabeg, EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



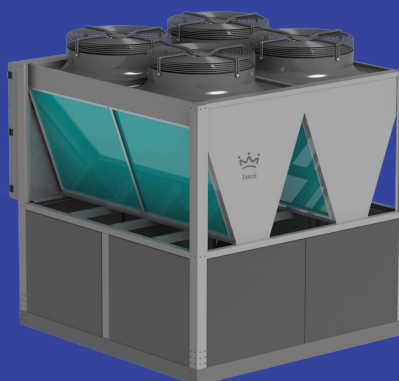
MODEL : Heavy- Scroll- R22		R22-R407C	HSC22125	HSC22150	HSC22160	HSC22180	HSC22200
CAPACITY	NOMINAL	TON	125	150	160	180	200
	ACTUAL	KW	356.0	427.2	456.8	528.0	595.0
		TON	101	121	130	150	170
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	5	6	8	6	8
	BRAND	-	Copeland	Copeland	Copeland	Copeland	Copeland
	MODEL	ZR	ZR310	ZR310	ZR250	ZR380	ZR310
	REFRIGERANT	TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C
	MAX CURRENT	A	186	216	224	258	280
	COP	-	4.0	4.2	4.2	4.0	4.1
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	8	8	12	12	12
		ROW-FPI	4-12	4-12	4-12	4-12	4-12
	FAN	QTY	8	8	12	12	12
		MODEL	80	80	80	80	80
		RPM	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	200	220	260	320	360
	FLOW RATE	GPM	243	292	312	360	406
UNIT DIMENSION	L	Cm	480	480	700	700	700
	W	Cm	240	240	240	240	240
	H	Cm	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	5	5	5	6	6
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380
	MAX POWER INPUT	KW	115	135	145	165	165
	MAX CURRENT	A	200	230	240	280	300

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSC22125	90	356	243	96	345	235	100	337	230
	HSC22150	108	427	292	115	414	283	120	404	276
	HSC22160	116	457	312	124	444	303	129	435	297
	HSC22180	133	528	360	140	513	350	146	503	343
	HSC22200	144	595	406	154	572	390	160	560	382

Chiller

MODEL : HEAVY- SCROLL- R134A
AIR COOLED CHILLER

- Capacity : 40- 200 TON (Nominal)
- Compressor : Scroll- Copeland, Danfoss
- Condenser : Air Cooled
- Fan : Zilabeg, EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



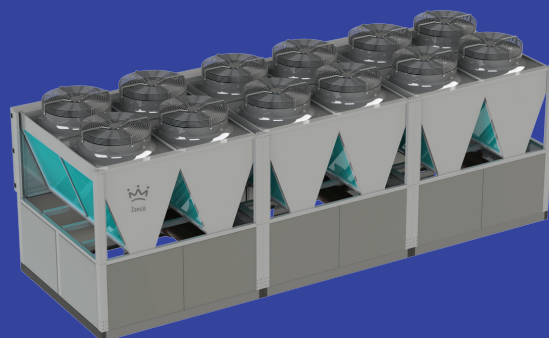
MODEL : Heavy- Scroll- R134A		R134A	HSC34040	HSC34050	HSC34060	HSC34070	HSC34080	HSC34100
CAPACITY	NOMINAL	TON	40	50	60	70	80	100
	ACTUAL	KW	78	97	120	142	156	194
		TON	22	28	34	41	45	55
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	2	2	2	6	4	4
	BRAND	-	Copeland	Copeland	Copeland	Copeland	Copeland	Copeland
	MODEL	ZR	ZR250	ZR310	ZR380	ZR144	ZR250	ZR310
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A	R134A	R134A
	MAX CURRENT	A	44	72	86	72	112	140
	COP	-	3.8	3.9	4.0	4.2	3.8	3.9
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	4	4	4	4	6	6
		ROW-FPI	3-12	3-12	4-12	4-12	4-12	4-12
	FAN	QTY	4	4	4	4	6	6
		MODEL	71	71	80	80	80	80
		RPM	900	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	100	100	110	150	160	180
	FLOW RATE	GPM	53	66	82	96	106	132
UNIT DIMENSION	L	Cm	240	240	240	240	360	360
	W	Cm	220	220	220	220	240	240
	H	Cm	260	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	3	3	3	3	4	4
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380	380
	MAX POWER INPUT	KW	37	45	52	63	74	90
	MAX CURRENT	A	60	76	90	110	125	150

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSC34040	20	78	53	21	75	51	22	73	50
	HSC34050	25	97	66	26	94	64	27	91	62
	HSC34060	31	120	82	32	116	79	33	114	78
	HSC34070	34	141	96	36	136	93	38	133	91
	HSC34080	40	155	106	43	150	103	44	147	100
	HSC34100	50	194	132	53	187	128	55	183	125

Chiller

MODEL : HEAVY- SCROLL- R134A
AIR COOLED CHILLER

- Capacity : 40- 200 TON (Nominal)
- Compressor : Scroll- Copeland, Danfoss
- Condenser : Air Cooled
- Fan : Zilabeg, EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



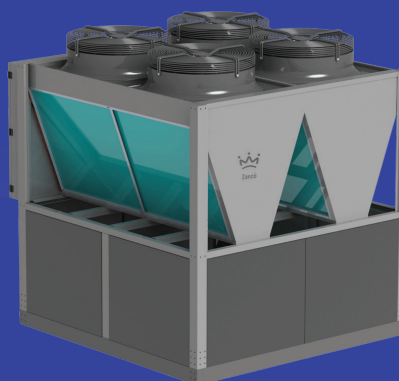
MODEL : Heavy- Scroll- R134A		R134A	HSC34125	HSC34150	HSC34160	HSC34180	HSC34200
CAPACITY	NOMINAL	TON	125	150	160	180	200
	ACTUAL	KW	240	291	312	360	388
		TON	69	83	89	103	111
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	4	6	8	6	8
	BRAND	-	Copeland	Copeland	Copeland	Copeland	Copeland
	MODEL	ZR	ZR380	ZR310	ZR250	ZR380	ZR310
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A	R134A
	MAX CURRENT	A	180	216	224	258	280
	COP	-	4.0	3.9	4.0	4.0	3.9
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	8	8	12	12	12
		ROW-FPI	4-12	4-12	4-12	4-12	4-12
	FAN	QTY	8	8	12	12	12
		MODEL	80	80	80	80	80
		RPM	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	200	220	260	320	360
	FLOW RATE	GPM	164	199	212	246	265
UNIT DIMENSION	L	Cm	480	480	700	700	700
	W	Cm	240	240	240	240	240
	H	Cm	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	5	5	5	6	6
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380
	MAX POWER INPUT	KW	115	135	145	165	165
	MAX CURRENT	A	200	230	240	280	300

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSC34125	62	240	164	64	232	158	66	228	156
	HSC34150	75	291	199	79	281	192	82	274	187
	HSC34160	80	310	212	86	301	205	89	294	200
	HSC34180	93	360	246	96	348	237	99	342	233
	HSC34200	100	388	265	105	374	255	110	366	249

Chiller

MODEL : HEAVY- SCROLL- R410A
AIR COOLED CHILLER

- Capacity : 40- 240 TON (Nominal)
- Compressor : Scroll- Copeland, Danfoss
- Condenser : Air Cooled
- Fan : Zilabeg, EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



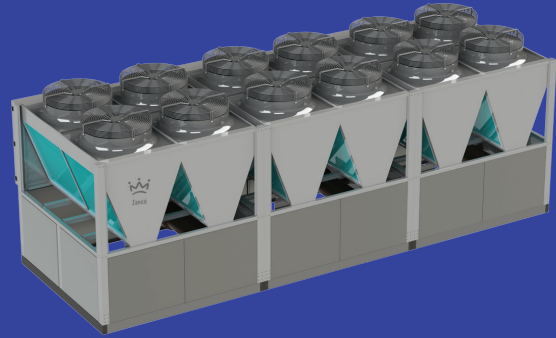
MODEL : Heavy- Scroll- R410A		R410A	HSC41040	HSC22050	HSC22060	HSC22080	HSC22100
CAPACITY	NOMINAL	TON	40	50	60	80	100
	ACTUAL	KW	108	141	175	224	282
		TON	31	40	50	64	81
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	2	4	2	2	8
	BRAND	-	Copeland	Copeland	Copeland	Copeland	Copeland
	MODEL	ZR	ZR236	ZR154	ZR385	ZR485	ZR154
	REFRIGERANT	TYPE	R410A	R410A	R410A	R410A	R410A
	MAX CURRENT	A	56	72	86	112	140
	COP	-	4.0	3.8	3.8	3.8	3.8
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	4	4	4	6	6
		ROW-FPI	3-12	3-12	4-12	4-12	4-12
	FAN	QTY	4	4	4	6	6
		MODEL	71	71	80	80	80
		RPM	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	100	100	110	150	180
	FLOW RATE	GPM	74	96	119	153	192
UNIT DIMENSION	L	Cm	240	240	240	360	360
	W	Cm	220	220	220	240	240
	H	Cm	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	3	3	3	4	4
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380
	MAX POWER INPUT	KW	37	45	52	74	90
	MAX CURRENT	A	60	76	90	125	150

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSC41040	27	108	74	29	103	70	31	101	69
	HSC41050	38	141	96	40	135	92	43	131	89
	HSC41060	46	175	119	49	168	115	51	164	112
	HSC41080	59	224	153	62	215	147	65	210	143
	HSC41100	76	282	192	80	270	184	86	262	179

Chiller

MODEL : HEAVY- SCROLL- R410A
AIR COOLED CHILLER

- Capacity : 40- 240 TON (Nominal)
- Compressor : Scroll- Copeland, Danfoss
- Condenser : Air Cooled
- Fan : Zilabeg, EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



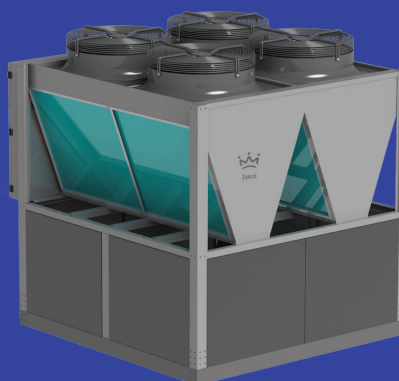
MODEL : Heavy- Scroll- R410A		R410A	HSC41120	HSC41160	HSC41180	HSC41240
CAPACITY	NOMINAL	TON	120	160	180	240
	ACTUAL	KW	350	448	525	672
COMPRESSOR		TON	100	128	150	192
	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	4	4	6	6
	BRAND	-	Copeland	Copeland	Copeland	Copeland
	MODEL	ZR	ZR385	ZR485	ZR385	ZR485
	REFRIGERANT	TYPE	R410A	R410A	R410A	R410A
	MAX CURRENT	A	180	216	224	258
	COP	-	3.8	3.8	3.8	3.8
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	8	12	12	12
		ROW-FPI	4-12	4-12	4-12	4-12
	FAN	QTY	8	12	12	12
		MODEL	80	80	80	80
		RPM	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	200	220	260	360
	FLOW RATE	GPM	239	306	358	459
UNIT DIMENSION	L	Cm	480	480	700	700
	W	Cm	240	240	240	240
	H	Cm	260	260	260	260
CONNECTION	INLET/OUTLET	In	5	5	5	6
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380
	MAX POWER INPUT	KW	115	135	145	165
	MAX CURRENT	A	200	230	240	280

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSC41120	92	350	239	98	336	229	102	328	224
	HSC41160	118	448	306	124	430	293	135	420	287
	HSC41180	138	525	358	147	504	344	153	492	336
	HSC41240	177	672	459	186	645	440	195	630	430

Chiller

MODEL : HEAVY- SCREW- R22
AIR COOLED CHILLER

- Capacity : 60- 560 TON (Nominal)
- Compressor : Screw- Bitzer, Hanbel
- Condenser : Air Cooled
- Fan : EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



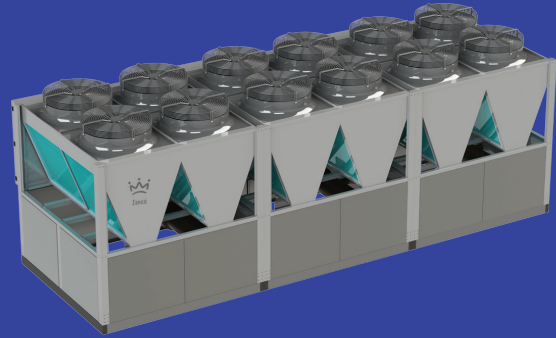
MODEL : Heavy- Screw - R22		R22-R407C	HSW22060	HSW22070	HSW22080	HSW22090	HSW22110	HSW22125
CAPACITY	NOMINAL	TON	60	70	80	90	110	125
	ACTUAL	KW	147	172	198	240	286	326
		TON	42	49	57	69	82	93
COMPRESSOR	TYPE	SCREW	1 Circuit	1 Circuit	1 Circuit	1 Circuit	1 Circuit	1 Circuit
	QTY	-	1	1	1	1	1	1
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer
	MODEL	CSH	6563-60	7553-70	7563-80	7573-90	8553-110	8563-125
	REFRIGERANT	TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C
	MAX CURRENT	A	80	91	105	115	150	163
	COP	-	3.5	3.4	3.5	3.7	3.6	3.6
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	4	4	6	6	6	6
		ROW-FPI	4-12	4-12	4-12	4-12	4-12	4-12
	FAN	QTY	4	4	6	6	6	6
		MODEL	80	80	80	80	80	80
		RPM	900	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	95	90	100	100	100	110
	FLOW RATE	GPM	100	117	135	164	195	222
UNIT DIMENSION	L	Cm	260	260	380	380	380	380
	W	Cm	240	240	240	240	240	240
	H	Cm	260	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	3	3	3	4	4	4
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380	380
	MAX POWER INPUT	KW	60	70	75	80	90	100
	MAX CURRENT	A	100	110	120	135	170	185

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSW22060	42	147	100	45	142	97	46	139	95
	HSW22070	50	172	117	53	165	113	55	160	109
	HSW22080	57	198	135	60	190	130	62	184	126
	HSW22090	65	240	164	69	230	157	72	223	152
	HSW22110	78	286	195	83	273	186	86	265	181
	HSW22125	90	326	222	95	312	213	98	302	206

Chiller

MODEL : HEAVY- SCREW- R22
AIR COOLED CHILLER

- Capacity : 60- 560 TON (Nominal)
- Compressor : Screw- Bitzer, Hanbel
- Condenser : Air Cooled
- Fan : EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



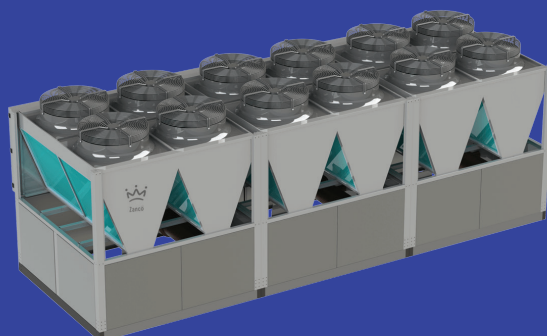
MODEL : Heavy- Screw - R22		R22-R407C	HSW22120	HSW22140	HSW22160	HSW22180	HSW22220	HSW22250
CAPACITY	NOMINAL	TON	120	140	160	180	220	250
	ACTUAL	KW	294	344	396	480	572	652
		TON	84	98	113	137	163	186
COMPRESSOR	TYPE	SCREW	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	2	2	2	2	2	2
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer
	MODEL	CSH	6563-60	7553-70	7563-80	7573-90	8553-110	8563-125
	REFRIGERANT	TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C
	MAX CURRENT	A	160	182	210	230	300	326
	COP	-	3.5	3.4	3.5	3.7	3.6	3.6
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	8	8	8	12	12	12
		ROW-FPI	4-12	4-12	4-12	4-12	4-12	4-12
	FAN	QTY	8	8	8	12	12	12
		MODEL	80	80	80	80	80	80
		RPM	900	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	120	150	160	180	200	260
	FLOW RATE	GPM	201	235	270	328	390	445
UNIT DIMENSION	L	Cm	480	480	480	700	700	700
	W	Cm	240	240	240	240	240	240
	H	Cm	260	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	5	5	6	6	6	6
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380	380
	MAX POWER INPUT	KW	100	120	140	155	170	195
	MAX CURRENT	A	200	220	240	270	340	370

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSW22120	84	294	201	89	284	194	92	278	190
	HSW22140	101	344	235	106	330	225	110	320	218
	HSW22160	114	396	270	120	380	259	124	368	251
	HSW22180	130	480	328	138	460	314	144	446	304
	HSW22220	156	572	390	166	546	373	172	530	362
	HSW22250	180	652	445	190	624	426	196	604	412

Chiller

MODEL : HEAVY- SCREW- R22
AIR COOLED CHILLER

- Capacity : 60- 560 TON (Nominal)
- Compressor : Screw- Bitzer, Hanbel
- Condenser : Air Cooled
- Fan : EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



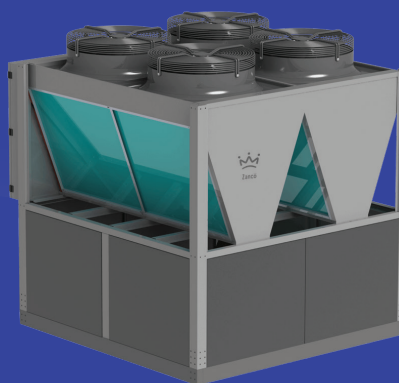
MODEL : Heavy- Screw - R22		R22-R407C	HSW22280	HSW22320	HSW22360	HSW22420	HSW22480	HSW22560
CAPACITY	NOMINAL	TON	280	320	360	420	480	560
	ACTUAL	KW	770	864	1016	1182	1356	1552
		TON	220	247	290	338	387	443
COMPRESSOR	TYPE	SCREW	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	2	2	2	2	2	2
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer
	MODEL	CSH	8573-140	8583-160	9553-180	9563-210	9573-240	9583-280
	REFRIGERANT	TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C
	MAX CURRENT	A	390	420	492	546	608	700
	COP	-	3.5	3.7	3.8	3.9	3.9	3.9
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	16	16	16	20	20	24
		ROW-FPI	4-12	4-12	4-12	4-12	4-12	4-12
	FAN	QTY	16	16	16	20	20	24
		MODEL	80	80	80	80	80	80
		RPM	900	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	320	360	400	470	470	500
	FLOW RATE	GPM	525	590	693	807	925	1059
UNIT DIMENSION	L	Cm	920	920	920	1150	1350	1350
	W	Cm	240	240	240	240	240	240
	H	Cm	260	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	5	5	6	6	6	6
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380	380
	MAX POWER INPUT	KW	237	255	292	332	372	428
	MAX CURRENT	A	468.0	504.0	590.4	655.2	729.6	840.0

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSW22280	220	770	525	230	742	506	237	720	491
	HSW22320	234	864	590	246	832	568	255	808	551
	HSW22360	264	1016	693	280	978	667	292	952	650
	HSW22420	308	1182	807	320	1140	778	332	1110	757
	HSW22480	344	1356	925	360	1306	891	372	1272	868
	HSW22560	394	1552	1059	414	1502	1025	428	1470	1003

Chiller

MODEL : HEAVY- SCREW- R134A
AIR COOLED CHILLER

- Capacity : 60- 560 TON (Nominal)
- Compressor : Screw- Bitzer, Hanbel
- Condenser : Air Cooled
- Fan : EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



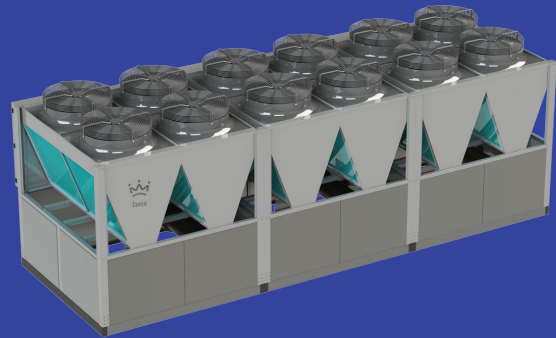
MODEL : Heavy- Screw- R134A		R134A	HSW34060	HSW34070	HSW34080	HSW34090	HSW34110	HSW34125
CAPACITY	NOMINAL	TON	60	70	80	90	110	125
	ACTUAL	KW	122	144	167	190	238	262
		TON	35	41	48	54	68	75
COMPRESSOR	TYPE	SCREW	1 Circuit	1 Circuit	1 Circuit	1 Circuit	1 Circuit	1 Circuit
	QTY	-	1	1	1	1	1	1
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer
	MODEL	CSH	6593-60Y	7573-70Y	7583-80Y	7593-90Y	8573-110Y	8583-125Y
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A	R134A	R134A
	MAX CURRENT	A	80	91	105	115	150	163
	COP	-	3.5	3.4	3.5	3.7	3.6	3.6
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	4	4	6	6	6	6
		ROW-FPI	4-12	4-12	4-12	4-12	4-12	4-12
	FAN	QTY	4	4	6	6	6	6
		MODEL	80	80	80	80	80	80
		RPM	900	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	90	90	100	100	100	110
	FLOW RATE	GPM	83	98	114	130	162	179
UNIT DIMENSION	L	Cm	260	260	380	380	380	380
	W	Cm	240	240	240	240	240	240
	H	Cm	260	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	3	3	3	4	4	4
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380	380
	MAX POWER INPUT	KW	60	70	75	80	90	100
	MAX CURRENT	A	100	110	120	135	170	185

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSW34060	32	122	83	34	116	79	35	113	77
	HSW34070	40	144	98	42	137	93	44	132	90
	HSW34080	45	167	114	48	160	109	50	155	106
	HSW34090	51	190	130	54	182	124	56	176	120
	HSW34110	62	238	162	66	227	155	69	220	150
	HSW34125	70	262	179	75	251	171	78	244	167

Chiller

MODEL : HEAVY- SCREW- R134A
AIR COOLED CHILLER

- Capacity : 60- 560 TON (Nominal)
- Compressor : Screw- Bitzer, Hanbel
- Condenser : Air Cooled
- Fan : EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



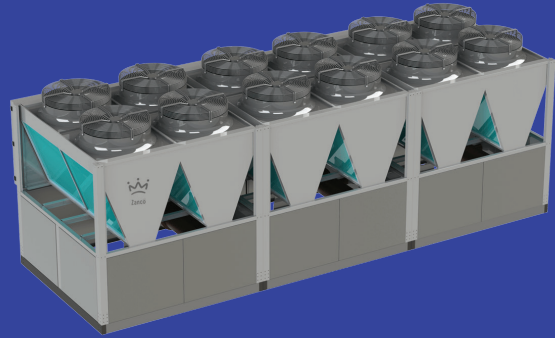
MODEL : Heavy- Screw- R134A		R134A	HSW34120	HSW34140	HSW34160	HSW34180	HSW34220	HSW34250
CAPACITY	NOMINAL	TON	120	140	160	180	220	250
	ACTUAL	KW	244	288	334	380	476	524
		TON	70	82	95	109	136	150
COMPRESSOR	TYPE	SCREW	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	2	2	2	2	2	2
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer
	MODEL	CSH	6593-60Y	7573-70Y	7583-80Y	7593-90Y	8573-110Y	8583-125Y
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A	R134A	R134A
	MAX CURRENT	A	160	182	210	230	300	326
	COP	-	3.5	3.4	3.5	3.7	3.6	3.6
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	8	8	8	12	12	12
		ROW-FPI	4-12	4-12	4-12	4-12	4-12	4-12
	FAN	QTY	8	8	8	12	12	12
		MODEL	80	80	80	80	80	80
		RPM	900	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	120	150	160	180	200	260
	FLOW RATE	GPM	167	197	228	259	325	358
UNIT DIMENSION	L	Cm	920	920	920	1150	1360	1360
	W	Cm	240	240	240	240	240	240
	H	Cm	260	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	5	5	6	6	6	6
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380	380
	MAX POWER INPUT	KW	100	120	140	155	170	195
	MAX CURRENT	A	200	220	240	270	340	370

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSW34120	64	244	167	68	232	158	71	226	154
	HSW34140	80	288	197	84	274	187	87	264	180
	HSW34160	90	334	228	96	320	218	100	310	212
	HSW34180	102	380	259	108	364	248	112	352	240
	HSW34220	124	476	325	132	454	310	138	440	300
	HSW34250	140	524	358	149	502	343	156	488	333

Chiller

MODEL : HEAVY- SCREW- R134A
AIR COOLED CHILLER

- Capacity : 60- 560 TON (Nominal)
- Compressor : Screw- Bitzer, Hanbel
- Condenser : Air Cooled
- Fan : EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



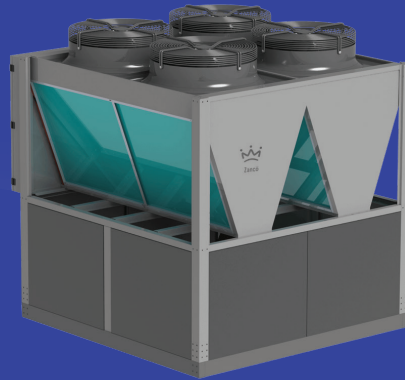
MODEL : Heavy- Screw- R134A		R134A	HSW34280	HSW34320	HSW34360	HSW34420	HSW34480	HSW34560
CAPACITY	NOMINAL	TON	280	320	360	420	480	560
	ACTUAL	KW	596	708	826	948	1076	1160
		TON	170	202	236	271	307	331
COMPRESSOR	TYPE	SCREW	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	2	2	2	2	2	2
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer
	MODEL	CSH	8593-140Y	9563-160Y	9573-180Y	9583-210Y	9593-240Y	95103-280Y
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A	R134A	R134A
	MAX CURRENT	A	390	420	492	546	608	700
	COP	-	3.5	3.7	3.8	3.9	3.9	3.9
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	16	16	16	20	24	24
		ROW-FPI	4-12	4-12	4-12	4-12	4-12	4-12
	FAN	QTY	16	16	16	20	24	24
		MODEL	80	80	80	80	80	80
		RPM	900	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	320	360	400	470	470	500
	FLOW RATE	GPM	407	483	564	647	734	792
UNIT DIMENSION	L	Cm	920	920	920	1150	1150	1350
	W	Cm	240	240	240	240	240	240
	H	Cm	260	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	5	5	6	6	6	6
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380	380
	MAX POWER INPUT	KW	237	255	292	332	372	428
	MAX CURRENT	A	468.0	504.0	590.4	655.2	729.6	840.0

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSW34280	160	596	407	170	572	390	177	554	378
	HSW34320	188	708	483	200	678	463	207	656	448
	HSW34360	211	826	564	222	790	539	231	768	524
	HSW34420	244	948	647	260	910	621	269	886	605
	HSW34480	276	1076	734	292	1034	706	304	1006	686
	HSW34560	316	1160	792	333	1114	760	345	1082	738

Chiller

MODEL : HEAVY- SEMI HERMETIC- R22
AIR COOLED CHILLER

- Capacity : 20- 160 TON (Nominal)
- Compressor : Semi Hermetic : Bitzer
- Condenser : Air Cooled
- Fan : Zilabeg
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



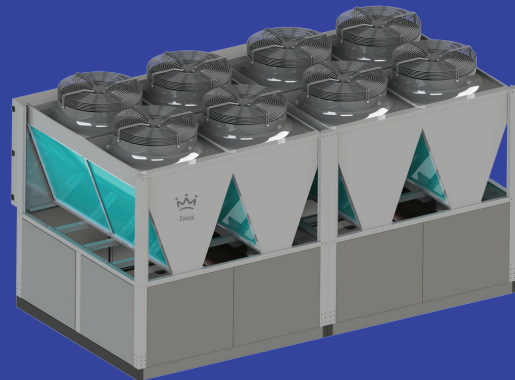
MODEL : Heavy- Semi Hermetic- R22		R22	HSE22020	HSE22040	HSE22050	HSE22060	HSE22075	HSE22080
CAPACITY	NOMINAL	TON	20	40	50	60	75	80
	ACTUAL	KW	62.6	102.0	135.4	156.6	203.0	233.0
		TON	17.8	29.0	38.5	44.5	57.7	66.2
COMPRESSOR	TYPE	SEMI HERMETIC	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	2	2	2	2	2	2
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer
	MODEL	S.H	4VE-10-40P	4NE-20-40P	4HE-25-40P	6GE-40-40P 4NE-20-40P	6FE-50-40P 4HE-25-40P	6GE-40-40P
	REFRIGERANT	TYPE	R22	R22	R22	R22	R22	R22
	MAX CURRENT	A	32.0	48.0	65.2	78.0	100.0	116.8
	COP	-	3.6	3.6	3.8	3.8	3.9	3.8
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	2	4	4	4	4	6
		ROW-FPI	4-12	4-12	4-12	4-12	4-12	4-12
	FAN	QTY	2	4	4	4	4	6
		MODEL	80	80	80	80	80	80
		RPM	900	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	50	100	100	110	150	160
	FLOW RATE	GPM	43	70	92	107	139	159
UNIT DIMENSION	L	Cm	250	240	240	240	240	360
	W	Cm	130	220	220	220	220	240
	H	Cm	240	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	2	3	3	3	4	4
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380	380
	MAX POWER INPUT	KW	22	35	45	55	68	78
	MAX CURRENT	A	38	52	72	88	115	125

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSE22020	16	63	43	17	60	41	17	59	40
	HSE22040	26	102	70	27	98	67	28	96	65
	HSE22050	35	135	92	37	130	89	38	127	87
	HSE22060	40	157	107	42	151	103	43	147	101
	HSE22075	53	203	139	56	196	134	57	191	130
	HSE22080	61	233	159	63	225	153	65	219	150

Chiller

MODEL : HEAVY- SEMI HERMETIC- R22
AIR COOLED CHILLER

- Capacity : 20- 160 TON (Nominal)
- Compressor : Semi Hermetic- Bitzer
- Condenser : Air Cooled
- Fan : Zilabeg
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



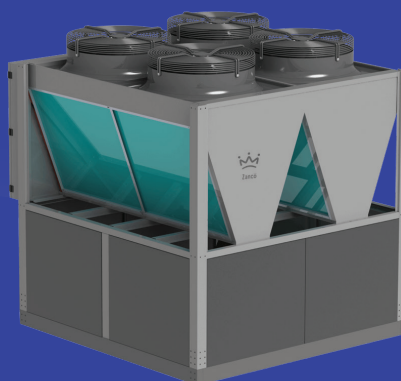
MODEL : Heavy- Semi Hermetic- R22		R22	HSE22100	HSE22120	HSE22140	HSE22160
CAPACITY	NOMINAL	TON	100	120	140	160
	ACTUAL	KW	280.2	328.1	376.0	466.0
		TON	79.7	93.3	106.9	132.5
COMPRESSOR	TYPE	SEMI HERMETIC	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	2	2	2	4
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer
	MODEL	S.H	6FE-50-40P	8FE-70-40P 6FE-50-40P	8FE-70-40P	6GE-40-40P
	REFRIGERANT	TYPE	R22	R22	R22	R22
	MAX CURRENT	A	156	188	220	168
	COP	-	3.6	3.8	3.8	3.8
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	6	8	8	12
		ROW-FPI	4-12	4-12	4-12	4-12
	FAN	QTY	6	8	8	12
		MODEL	80	80	80	80
		RPM	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	180	200	220	260
	FLOW RATE	GPM	191	224	257	318
UNIT DIMENSION	L	Cm	360	480	480	700
	W	Cm	240	240	240	240
	H	Cm	260	260	260	260
CONNECTION	INLET/OUTLET	In	4	5	5	5
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380
	MAX POWER INPUT	KW	90	115	125	140
	MAX CURRENT	A	168	200	230	180

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSE22100	74	280	191	77	270	185	79	264	180
	HSE22120	93	328	224	97	316	216	100	308	210
	HSE22140	113	376	257	117	362	247	121	353	241
	HSE22160	121	466	318	127	449	307	130	438	299

Chiller

MODEL : HEAVY- SEMI HERMETIC- R134A
AIR COOLED CHILLER

- Capacity : 30- 140 TON (Nominal)
- Compressor : Semi Hermetic- Bitzer
- Condenser : Air Cooled
- Fan : Zilabeg, EBM
- Evaporator : Shell & Tube
- Expansion Valve : Thermostatic, Electronic



MODEL : Heavy- Semi Hermetic- R134A		R134A	HSE34030	HSE34060	HSE34070	HSE34110	HSE34120	HSE34140
CAPACITY	NOMINAL	TON	30	60	70	110	120	140
	ACTUAL	KW	55	121	128	192	239	256
		TON	15.6	34.5	36.5	54.7	68.0	72.9
COMPRESSOR	TYPE	SEMI HERMETIC	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit
	QTY	-	2	2	2	3	2	4
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer
	MODEL	S.H	4PE-15Y-40P	4FE-28Y-40P	6HE-35Y-40P	6HE-35Y-40P	8FE-60Y-40P	6HE-35Y-40P
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A	R134A	R134A
	MAX CURRENT	A	30.4	65.0	70.0	100.0	125.0	140.0
	COP	-	3.5	3.6	3.8	3.8	3.9	3.8
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube
		QTY	2	4	4	6	8	8
		ROW-FPI	4-12	4-12	4-12	4-12	4-12	4-12
	FAN	QTY	2	4	4	6	8	8
		MODEL	80	80	80	80	80	80
		RPM	900	900	900	900	900	900
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube
	WATER VOLUME	Lit	100	120	150	180	200	220
	FLOW RATE	GPM	37	83	87	131	163	175
UNIT DIMENSION	L	Cm	250	240	240	360	480	480
	W	Cm	135	220	220	220	220	220
	H	Cm	240	260	260	260	260	260
CONNECTION	INLET/OUTLET	In	2	3	3	3	4	4
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380	380
	MAX POWER INPUT	KW	20	42	45	62	80	85
	MAX CURRENT	A	35	72	78	110	130	152

CAPACITY CORRECTION OF AIR COOLED CHILLER		Air Temperature Over Condenser Coil (T Ambient) F								
		95 (35C)			100 (38C)			105 (40C)		
		Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM	Power Input (KW)	Cooling Capacity (KW)	GPM
AIR COOLED CHILLER	HSE34030	14	55	37	15	52	36	15	50	34
	HSE34060	33	121	83	35	116	79	35	113	77
	HSE34070	34	128	87	35	123	84	36	119	81
	HSE34110	50	192	131	52	184	125	53	178	122
	HSE34120	70	239	163	72	228	156	74	221	151
	HSE34140	67	256	175	70	245	167	71	238	162



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