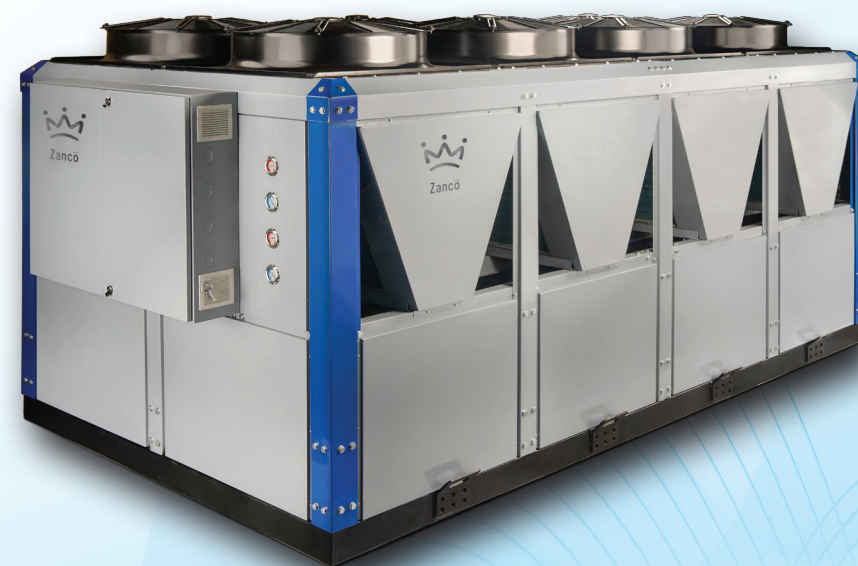




Zanco
Air Conditioners

Zanco, Air Of Life

Hvac Product
Chiller Catalogue
Updated 2025



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- Factory**
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Abali Road, Pardis, Tehran, Iran

Zanco, With Guarantee Of Jahan Tasisat Diaco Pars

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 And Danfoss
Condenser : Air Cooled
Fan : Zilabeg
Evaporator : Shell & Tube
Expansion Valve : Thermostatic



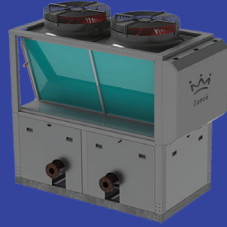
MODEL : COMPACT		R22-R407C	CSC22004		CSC22005		CSC22006		CSC22008	
CAPACITY	NOMINAL	TON	4		5		6		8	
	ACTUAL	KW	11.9		14.5		17.6		23.3	
		TON	3.4		4.1		5.0		6.7	
COMPRESSOR	TYPE	SCROLL	1 Circuit		1 Circuit		1 Circuit		1 Circuit	
	QTY	-	1		1		1		1	
	BRAND	-	Copeland		Copeland		Copeland		Copeland	
	MODEL	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 And Danfoss
Condenser : Air Cooled
Fan : Zilabeg
Evaporator : Shell & Tube
Expansion Valve : Thermostatic



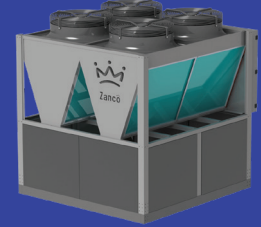
MODEL : PERMIUM		R22-R407C	HSC22010	HSC22012	HSC22014	HSC22016	HSC22018			
CAPACITY	NOMINAL	TON	10	12	14	16	18			
	ACTUAL	KW	29.0	35.2	40.0	46.6	52.6			
		TON	8.3	10.1	11.4	13.3	15.0			
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit			
	QTY	-	2	2	2	2	2			
	BRAND	-	Copeland	Copeland	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	2	2	2	2	2			
		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 And Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic



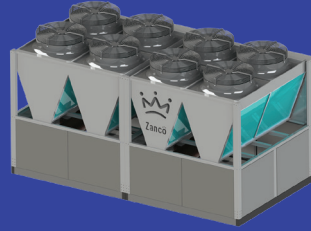
MODEL : MIDDLE SCROLL R22		R22-R407C	MSC22015	MSC22020	MSC22025	MSC22030				
CAPACITY	NOMINAL	TON	15	20	25	30				
	ACTUAL	KW	45.0	60.0	68.4	87.8				
		TON	12.8	17.1	19.4	25.0				
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit				
	QTY	-	2	2	2	2				
	BRAND	-	Copeland	Copeland	Copeland	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 And Danfoss
Condenser : Air Cooled
Fan : Zilabeg And Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



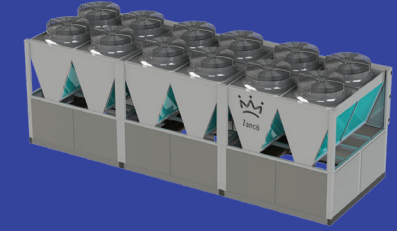
MODEL : HEAVY SCROLL R22		R22-R407C	HSC22040		HSC22050		HSC22060		HSC22070	
CAPACITY	NOMINAL	TON	40		50		60		70	
	ACTUAL	KW	114		142		176		200	
		TON	32		40		50		57	
COMPRESSOR	TYPE	SCROLL	2 Circuit		2 Circuit		2 Circuit		2 Circuit	
	QTY	-	2		2		2		6	
	BRAND	-	Copeland		Copeland		Copeland		Copeland	
	MODEL	ZR	ZR250		ZR310		ZR380		ZR144	
	REFRIGERANT	TYPE	R22-R407C		R22-R407C		R22-R407C		R22-R407C	
	MAX CURRENT	A	56		72		86		100	
	COP	-	4.0		4.0		4.2		4.2	
CONDENSER	COIL	TYPE	Fin-Tube		Fin-Tube		Fin-Tube		Fin-Tube	
		QTY	4		4		4		4	
		ROW-FPI	3-12		3-12		4-12		4-12	
	FAN	QTY	4		4		4		4	
		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	100		100		110		150	
	FLOW RATE	GPM	78		97		120		136	
UNIT DIMENSION	L	Cm	240		240		240		240	
	W	Cm	220		220		220		220	
	H	Cm	260		260		260		260	
CONNECTION	INLET/OUTLET	In	3		3		3		3	
ELECTRICAL DATA	VOLTAGE	V	380		380		380		380	
	MAX POWER INPUT	KW	37		45		52		63	
	MAX CURRENT	A	60		76		90		110	
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

Chiller
Model : Heavy Scroll R22
Air Cooled Chiller
Capacity : 40-200 Ton (Nominal)
Compressor : Scroll, Copeland And Danfoss
Condenser : Air Cooled
Fan : Zilabeg And Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



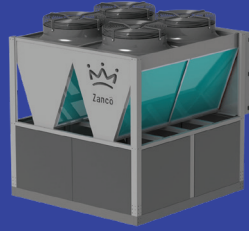
MODEL : HEAVY SCROLL R22		R22-R407C	HSC22080	HSC22100	HSC22125	HSC22150				
CAPACITY	NOMINAL	TON	80	100	125	150				
	ACTUAL	KW	228	286	356.0	427.2				
		TON	65	81	101	121				
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit				
	QTY	-	4	4	5	6				
	BRAND	-	Copeland	Copeland	Copeland	Copeland				
	MODEL	ZR	ZR250	ZR310	ZR310	ZR310				
	REFRIGERANT	TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C				
	MAX CURRENT	A	112	140	186	216				
	COP	-	4.1	4.0	4.0	4.2				
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube				
		QTY	6	6	8	8				
		ROW-FPI	4-12	4-12	4-12	4-12				
	FAN	QTY	6	6	8	8				
		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	160	180	200	220				
	FLOW RATE	GPM	156	195	243	292				
UNIT DIMENSION	L	Cm	360	360	480	480				
	W	Cm	240	240	240	240				
	H	Cm	260	260	260	260				
CONNECTION	INLET/OUTLET	In	4	4	5	5				
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380				
	MAX POWER INPUT	KW	74	90	115	135				
	MAX CURRENT	A	125	150	200	230				
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	HSC22080	58	228	156	62	222	151	64	218	148
	HSC22100	73	286	195	77	278	189	81	272	186
	HSC22125	90	356	243	96	345	235	100	337	230
	HSC22150	108	427	292	115	414	283	120	404	276

Chiller
Model : Heavy Scroll R22
Air Cooled Chiller
Capacity : 40-200 Ton (Nominal)
Compressor : Scroll, Copeland And Danfoss
Condenser : Air Cooled
Fan : Zilabeg And Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



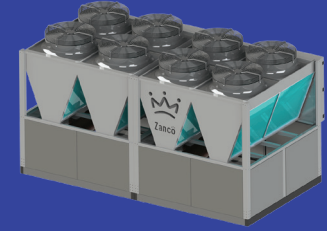
MODEL : HEAVY SCROLL R22		R22-R407C	HSC22160		HSC22180		HSC22200			
CAPACITY	NOMINAL	TON	160		180		200			
	ACTUAL	KW	456.8		528.0		595.0			
		TON	130		150		170			
COMPRESSOR	TYPE	SCROLL	2 Circuit		2 Circuit		2 Circuit			
	QTY	-	8		6		8			
	BRAND	-	Copeland		Copeland		Copeland			
	MODEL	ZR	ZR250		ZR380		ZR310			
	REFRIGERANT	TYPE	R22-R407C		R22-R407C		R22-R407C			
	MAX CURRENT	A	224		258		280			
	COP	-	4.2		4.0		4.1			
CONDENSER	COIL	TYPE	Fin-Tube		Fin-Tube		Fin-Tube			
		QTY	12		12		12			
		ROW-FPI	4-12		4-12		4-12			
	FAN	QTY	12		12		12			
		MODEL	80		80		80			
		RPM	900		900		900			
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube		Shell-Tube		Shell-Tube			
	WATER VOLUME	Lit	260		320		360			
	FLOW RATE	GPM	312		360		406			
UNIT DIMENSION	L	Cm	700		700		700			
	W	Cm	240		240		240			
	H	Cm	260		260		260			
CONNECTION	INLET/OUTLET	In	5		6		6			
ELECTRICAL DATA	VOLTAGE	V	380		380		380			
	MAX POWER INPUT	KW	145		165		165			
	MAX CURRENT	A	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	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 And Danfoss
Condenser : Air Cooled
Fan : Zilabeg And Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



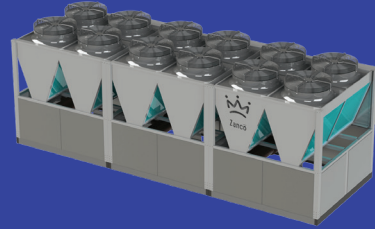
MODEL : HEAVY SCROLL R134A		R134A	HSC34040	HSC34050	HSC34060	HSC34070				
CAPACITY	NOMINAL	TON	40	50	60	70				
	ACTUAL	KW	78	97	120	142				
		TON	22	28	34	41				
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit				
	QTY	-	2	2	2	6				
	BRAND	-	Copeland	Copeland	Copeland	Copeland				
	MODEL	ZR	ZR250	ZR310	ZR380	ZR144				
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A				
	MAX CURRENT	A	44	72	86	72				
	COP	-	3.8	3.9	4.0	4.2				
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube				
		QTY	4	4	4	4				
		ROW-FPI	3-12	3-12	4-12	4-12				
	FAN	QTY	4	4	4	4				
		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	100	100	110	150				
	FLOW RATE	GPM	53	66	82	96				
UNIT DIMENSION	L	Cm	240	240	240	240				
	W	Cm	220	220	220	220				
	H	Cm	260	260	260	260				
CONNECTION	INLET/OUTLET	In	3	3	3	3				
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380				
	MAX POWER INPUT	KW	37	45	52	63				
	MAX CURRENT	A	60	76	90	110				
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

Chiller
Model : Heavy Scroll R134a
Air Cooled Chiller
Capacity : 40-200 Ton (Nominal)
Compressor : Scroll, Copeland And Danfoss
Condenser : Air Cooled
Fan : Zilabeg And Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



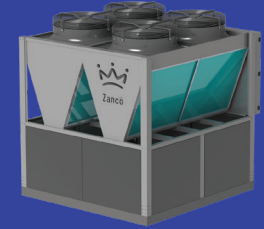
MODEL : HEAVY SCROLL R134A		R134A	HSC34080		HSC34100		HSC34125		HSC34150	
CAPACITY	NOMINAL	TON	80		100		125		150	
	ACTUAL	KW	156		194		240		291	
		TON	45		55		69		83	
COMPRESSOR	TYPE	SCROLL	2 Circuit		2 Circuit		2 Circuit		2 Circuit	
	QTY	-	4		4		4		6	
	BRAND	-	Copeland		Copeland		Copeland		Copeland	
	MODEL	ZR	ZR250		ZR310		ZR380		ZR310	
	REFRIGERANT	TYPE	R134A		R134A		R134A		R134A	
	MAX CURRENT	A	112		140		180		216	
	COP	-	3.8		3.9		4.0		3.9	
CONDENSER	COIL	TYPE	Fin-Tube		Fin-Tube		Fin-Tube		Fin-Tube	
		QTY	6		6		8		8	
		ROW-FPI	4-12		4-12		4-12		4-12	
	FAN	QTY	6		6		8		8	
		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	160		180		200		220	
	FLOW RATE	GPM	106		132		164		199	
UNIT DIMENSION	L	Cm	360		360		480		480	
	W	Cm	240		240		240		240	
	H	Cm	260		260		260		260	
CONNECTION	INLET/OUTLET	In	4		4		5		5	
ELECTRICAL DATA	VOLTAGE	V	380		380		380		380	
	MAX POWER INPUT	KW	74		90		115		135	
	MAX CURRENT	A	125		150		200		230	
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	HSC34080	40	155	106	43	150	103	44	147	100
	HSC34100	50	194	132	53	187	128	55	183	125
	HSC34125	62	240	164	64	232	158	66	228	156
	HSC34150	75	291	199	79	281	192	82	274	187

Chiller
Model : Heavy Scroll R134a
Air Cooled Chiller
Capacity : 40-200 Ton (Nominal)
Compressor : Scroll, Copeland And Danfoss
Condenser : Air Cooled
Fan : Zilabeg And Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



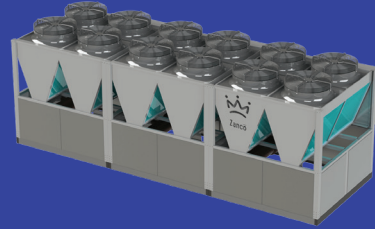
MODEL : HEAVY SCROLL R134A		R134A	HSC34160		HSC34180		HSC34200			
CAPACITY	NOMINAL	TON	160		180		200			
	ACTUAL	KW	312		360		388			
		TON	89		103		111			
COMPRESSOR	TYPE	SCROLL	2 Circuit		2 Circuit		2 Circuit			
	QTY	-	8		6		8			
	BRAND	-	Copeland		Copeland		Copeland			
	MODEL	ZR	ZR250		ZR380		ZR310			
	REFRIGERANT	TYPE	R134A		R134A		R134A			
	MAX CURRENT	A	224		258		280			
	COP	-	4.0		4.0		3.9			
CONDENSER	COIL	TYPE	Fin-Tube		Fin-Tube		Fin-Tube			
		QTY	12		12		12			
		ROW-FPI	4-12		4-12		4-12			
	FAN	QTY	12		12		12			
		MODEL	80		80		80			
		RPM	900		900		900			
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube		Shell-Tube		Shell-Tube			
	WATER VOLUME	Lit	260		320		360			
	FLOW RATE	GPM	212		246		265			
UNIT DIMENSION	L	Cm	700		700		700			
	W	Cm	240		240		240			
	H	Cm	260		260		260			
CONNECTION	INLET/OUTLET	In	5		6		6			
ELECTRICAL DATA	VOLTAGE	V	380		380		380			
	MAX POWER INPUT	KW	145		165		165			
	MAX CURRENT	A	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	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 And Danfoss
Condenser : Air Cooled
Fan : Zilabeg And Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



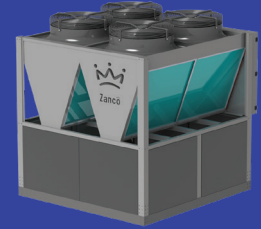
MODEL : HEAVY SCROLL R410A		R410A	HSC41040	HSC22050	HSC22060	HSC22080	HSC22100			
CAPACITY	NOMINAL	TON	40	50	60	80	100			
	ACTUAL	KW	108	141	175	224	282			
		TON	31	40	50	64	81			
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit			
	QTY	-	2	4	2	2	8			
	BRAND	-	Copeland	Copeland	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 And Danfoss
Condenser : Air Cooled
Fan : Zilabeg And Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



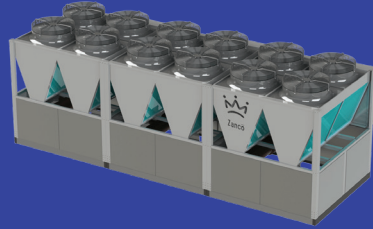
MODEL : Heavy - Scroll - R410A		R410A	HSC41120	HSC41160	HSC41180	HSC41240				
CAPACITY	NOMINAL	TON	120	160	180	240				
	ACTUAL	KW	350	448	525	672				
		TON	100	128	150	192				
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit				
	QTY	-	4	4	6	6				
	BRAND	-	Copeland	Copeland	Copeland	Copeland				
	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 And Hanbel
Condenser : Air Cooled
Fan : Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



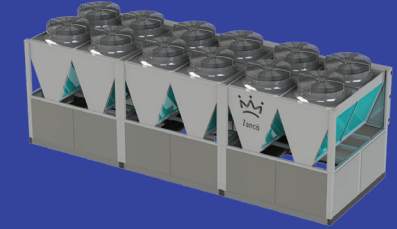
MODEL : HEAVY SCREW R22		R22-R407C	HSW22060	HSW22070	HSW22080	HSW22090	HSW22110			
CAPACITY	NOMINAL	TON	60	70	80	90	110			
	ACTUAL	KW	147	172	198	240	286			
		TON	42	49	57	69	82			
COMPRESSOR	TYPE	SCREW	1 Circuit	1 Circuit	1 Circuit	1 Circuit	1 Circuit			
	QTY	-	1	1	1	1	1			
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer			
	MODEL	CSH	6563-60	7553-70	7563-80	7573-90	8553-110			
	REFRIGERANT	TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C			
	MAX CURRENT	A	80	91	105	115	150			
	COP	-	3.5	3.4	3.5	3.7	3.6			
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube			
		QTY	4	4	6	6	6			
		ROW-FPI	4-12	4-12	4-12	4-12	4-12			
	FAN	QTY	4	4	6	6	6			
		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	95	90	100	100	100			
	FLOW RATE	GPM	100	117	135	164	195			
UNIT DIMENSION	L	Cm	260	260	380	380	380			
	W	Cm	240	240	240	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	60	70	75	80	90			
	MAX CURRENT	A	100	110	120	135	170			
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

Chiller
Model : Heavy Screw R22
Air Cooled Chiller
Capacity : 60-560 Ton (Nominal)
Compressor : Screw, Bitzer And Hanbel
Condenser : Air Cooled
Fan : Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



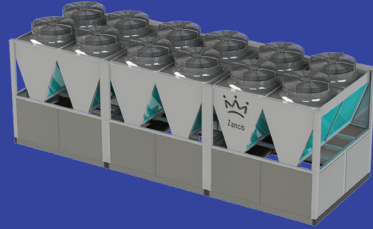
MODEL : HEAVY SCREW R22		R22-R407C	HSW22125	HSW22120	HSW22140	HSW22160	HSW22180			
CAPACITY	NOMINAL	TON	125	120	140	160	180			
	ACTUAL	KW	326	294	344	396	480			
		TON	93	84	98	113	137			
COMPRESSOR	TYPE	SCREW	1 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit			
	QTY	-	1	2	2	2	2			
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer			
	MODEL	CSH	8563-125	6563-60	7553-70	7563-80	7573-90			
	REFRIGERANT	TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C	R22-R407C			
	MAX CURRENT	A	163	160	182	210	230			
	COP	-	3.6	3.5	3.4	3.5	3.7			
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube			
		QTY	6	8	8	8	12			
		ROW-FPI	4-12	4-12	4-12	4-12	4-12			
	FAN	QTY	6	8	8	8	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	110	120	150	160	180			
	FLOW RATE	GPM	222	201	235	270	328			
UNIT DIMENSION	L	Cm	380	480	480	480	700			
	W	Cm	240	240	240	240	240			
	H	Cm	260	260	260	260	260			
CONNECTION	INLET/OUTLET	In	4	5	5	6	6			
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380			
	MAX POWER INPUT	KW	100	100	120	140	155			
	MAX CURRENT	A	185	200	220	240	270			
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	HSW22125	90	326	222	95	312	213	98	302	206
	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

Chiller
Model : Heavy Screw R22
Air Cooled Chiller
Capacity : 60-560 Ton (Nominal)
Compressor : Screw, Bitzer And Hanbel
Condenser : Air Cooled
Fan : Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



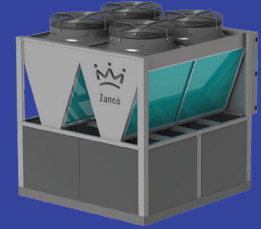
MODEL : HEAVY SCREW R22		R22-R407C	HSW22220		HSW22250		HSW22280		HSW22320	
CAPACITY	NOMINAL	TON	220		250		280		320	
	ACTUAL	KW	572		652		770		864	
		TON	163		186		220		247	
COMPRESSOR	TYPE	SCROLL	2 Circuit		2 Circuit		2 Circuit		2 Circuit	
	QTY	-	2		2		2		2	
	BRAND	-	Bitzer		Bitzer		Bitzer		Bitzer	
	MODEL	ZR	8553-110		8563-125		8573-140		8583-160	
	REFRIGERANT	TYPE	R22-R407C		R22-R407C		R22-R407C		R22-R407C	
	MAX CURRENT	A	300		326		390		420	
	COP	-	3.6		3.6		3.5		3.7	
CONDENSER	COIL	TYPE	Fin-Tube		Fin-Tube		Fin-Tube		Fin-Tube	
		QTY	12		12		16		16	
		ROW-FPI	4-12		4-12		4-12		4-12	
	FAN	QTY	12		12		16		16	
		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		260		320		360	
	FLOW RATE	GPM	390		445		525		590	
UNIT DIMENSION	L	Cm	700		700		920		920	
	W	Cm	240		240		240		240	
	H	Cm	260		260		260		260	
CONNECTION	INLET/OUTLET	In	6		6		5		5	
ELECTRICAL DATA	VOLTAGE	V	380		380		380		380	
	MAX POWER INPUT	KW	170		195		237		255	
	MAX CURRENT	A	340		370		468.0		504.0	
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	HSW22220	156	572	390	166	546	373	172	530	362
	HSW22250	180	652	445	190	624	426	196	604	412
	HSW22280	220	770	525	230	742	506	237	720	491
	HSW22320	234	864	590	246	832	568	255	808	551

Chiller
Model : Heavy Screw R22
Air Cooled Chiller
Capacity : 60-560 Ton (Nominal)
Compressor : Screw, Bitzer And Hanbel
Condenser : Air Cooled
Fan : Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



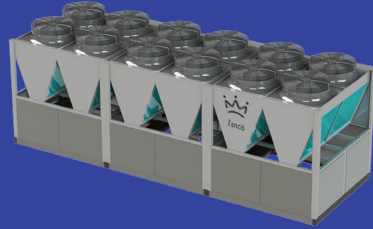
MODEL : HEAVY SCREW R22		R22-R407C	HSW22360	HSW22420	HSW22480	HSW22560				
CAPACITY	NOMINAL	TON	360	420	480	560				
	ACTUAL	KW	1016	1182	1356	1552				
		TON	290	338	387	443				
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit				
	QTY	-	2	2	2	2				
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer				
	MODEL	ZR	9553-180	9563-210	9573-240	9583-280				
	REFRIGERANT	TYPE	R22-R407C	R22-R407C	R22-R407C	R22-R407C				
	MAX CURRENT	A	492	546	608	700				
	COP	-	3.8	3.9	3.9	3.9				
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube				
		QTY	16	20	20	24				
		ROW-FPI	4-12	4-12	4-12	4-12				
	FAN	QTY	16	20	20	24				
		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	400	470	470	500				
	FLOW RATE	GPM	693	807	925	1059				
UNIT DIMENSION	L	Cm	920	1150	1350	1350				
	W	Cm	240	240	240	240				
	H	Cm	260	260	260	260				
CONNECTION	INLET/OUTLET	In	6	6	6	6				
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380				
	MAX POWER INPUT	KW	292	332	372	428				
	MAX CURRENT	A	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	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 And Hanbel
Condenser : Air Cooled
Fan : Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



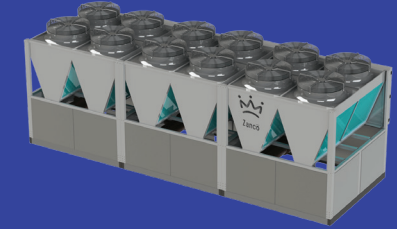
MODEL : HEAVY SCREW R134A		R134A	HSW34060	HSW34070	HSW34080	HSW34090	HSW34110			
CAPACITY	NOMINAL	TON	60	70	80	90	110			
	ACTUAL	KW	122	144	167	190	238			
		TON	35	41	48	54	68			
COMPRESSOR	TYPE	SCREW	1 Circuit	1 Circuit	1 Circuit	1 Circuit	1 Circuit			
	QTY	-	1	1	1	1	1			
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer			
	MODEL	CSH	6593-60Y	7573-70Y	7583-80Y	7593-90Y	8573-110Y			
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A	R134A			
	MAX CURRENT	A	80	91	105	115	150			
	COP	-	3.5	3.4	3.5	3.7	3.6			
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube			
		QTY	4	4	6	6	6			
		ROW-FPI	4-12	4-12	4-12	4-12	4-12			
	FAN	QTY	4	4	6	6	6			
		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	90	90	100	100	100			
	FLOW RATE	GPM	83	98	114	130	162			
UNIT DIMENSION	L	Cm	260	260	380	380	380			
	W	Cm	240	240	240	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	60	70	75	80	90			
	MAX CURRENT	A	100	110	120	135	170			
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

Chiller
Model : Heavy Screw R134A
Air Cooled Chiller
Capacity : 60-560 Ton (Nominal)
Compressor : Screw, Bitzer And Hanbel
Condenser : Air Cooled
Fan : Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic

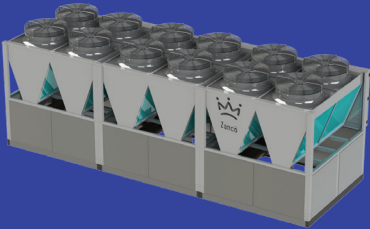


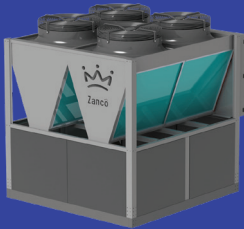
MODEL : HEAVY SCREW R134A		R134A	HSW34125	HSW34120	HSW34140	HSW34160	HSW34180			
CAPACITY	NOMINAL	TON	125	120	140	160	180			
	ACTUAL	KW	262	244	288	334	380			
		TON	75	70	82	95	109			
COMPRESSOR	TYPE	SCREW	1 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit			
	QTY	-	1	2	2	2	2			
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer			
	MODEL	CSH	8583-125Y	6593-60Y	7573-70Y	7583-80Y	7593-90Y			
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A	R134A			
	MAX CURRENT	A	163	160	182	210	230			
	COP	-	3.6	3.5	3.4	3.5	3.7			
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube			
		QTY	6	8	8	8	12			
		ROW-FPI	4-12	4-12	4-12	4-12	4-12			
	FAN	QTY	6	8	8	8	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	110	120	150	160	180			
	FLOW RATE	GPM	179	167	197	228	259			
UNIT DIMENSION	L	Cm	380	920	920	920	1150			
	W	Cm	240	240	240	240	240			
	H	Cm	260	260	260	260	260			
CONNECTION	INLET/OUTLET	In	4	5	5	6	6			
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380			
	MAX POWER INPUT	KW	100	100	120	140	155			
	MAX CURRENT	A	185	200	220	240	270			
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	HSW34125	70	262	179	75	251	171	78	244	167
	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

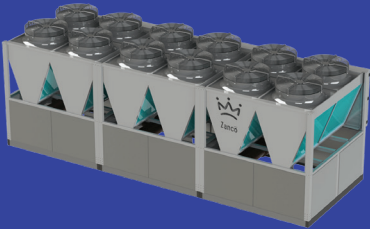
Chiller
Model : Heavy Screw R134A
Air Cooled Chiller
Capacity : 60-560 Ton (Nominal)
Compressor : Screw, Bitzer And Hanbel
Condenser : Air Cooled
Fan : Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic

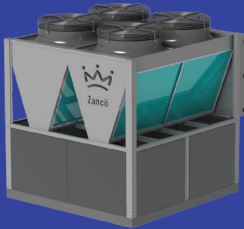


MODEL : HEAVY SCREW R134A		R134A	HSW34220	HSW34250	HSW34280	HSW34320				
CAPACITY	NOMINAL	TON	220	250	280	320				
	ACTUAL	KW	476	524	596	708				
		TON	136	150	170	202				
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit				
	QTY	-	2	2	2	2				
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer				
	MODEL	ZR	8573-110Y	8583-125Y	8593-140Y	9563-160Y				
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A				
	MAX CURRENT	A	300	326	390	420				
	COP	-	3.6	3.6	3.5	3.7				
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube				
		QTY	12	12	16	16				
		ROW-FPI	4-12	4-12	4-12	4-12				
	FAN	QTY	12	12	16	16				
		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	260	320	360				
	FLOW RATE	GPM	325	358	407	483				
UNIT DIMENSION	L	Cm	1360	1360	920	920				
	W	Cm	240	240	240	240				
	H	Cm	260	260	260	260				
CONNECTION	INLET/OUTLET	In	6	6	5	5				
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380				
	MAX POWER INPUT	KW	170	195	237	255				
	MAX CURRENT	A	340	370	468.0	504.0				
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	HSW34220	124	476	325	132	454	310	138	440	300
	HSW34250	140	524	358	149	502	343	156	488	333
	HSW34280	160	596	407	170	572	390	177	554	378
	HSW34320	188	708	483	200	678	463	207	656	448

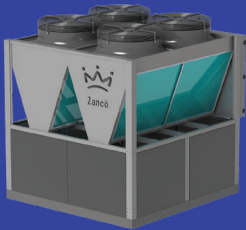
Chiller Model : Heavy Screw R134A Air Cooled Chiller Capacity : 60-560 Ton (Nominal) Compressor : Screw, Bitzer And Hanbel Condenser : Air Cooled Fan : Ebm Evaporator : Shell & Tube Expansion Valve : Thermostatic And Electronic										
MODEL : HEAVY SCREW R134A		R134A	HSW34360	HSW34420	HSW34480	HSW34560				
CAPACITY	NOMINAL	TON	360	420	480	560				
	ACTUAL	KW	826	948	1076	1160				
		TON	236	271	307	331				
COMPRESSOR	TYPE	SCROLL	2 Circuit	2 Circuit	2 Circuit	2 Circuit				
	QTY	-	2	2	2	2				
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer				
	MODEL	ZR	9573-180Y	9583-210Y	9593-240Y	95103-280Y				
	REFRIGERANT	TYPE	R134A	R134A	R134A	R134A				
	MAX CURRENT	A	492	546	608	700				
	COP	-	3.8	3.9	3.9	3.9				
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube				
		QTY	16	20	24	24				
		ROW-FPI	4-12	4-12	4-12	4-12				
	FAN	QTY	16	20	24	24				
		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	400	470	470	500				
	FLOW RATE	GPM	564	647	734	792				
UNIT DIMENSION	L	Cm	920	1150	1150	1350				
	W	Cm	240	240	240	240				
	H	Cm	260	260	260	260				
CONNECTION	INLET/OUTLET	In	6	6	6	6				
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380				
	MAX POWER INPUT	KW	292	332	372	428				
	MAX CURRENT	A	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	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 And Bitzer Condenser : Air Cooled Fan : Zilabeg Evaporator : Shell & Tube Expansion Valve : Thermostatic And Electronic										
MODEL : HEAVY SEMI HERMETIC R22		R22	HSE22020	HSE22040	HSE22050	HSE22060	HSE22075			
CAPACITY	NOMINAL	TON	20	40	50	60	75			
	ACTUAL	KW	62.6	102.0	135.4	156.6	203.0			
		TON	17.8	29.0	38.5	44.5	57.7			
COMPRESSOR	TYPE	SEMI HERMETIC	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit			
	QTY	-	2	2	2	2	2			
	BRAND	-	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			
	REFRIGERANT	TYPE	R22	R22	R22	R22	R22			
	MAX CURRENT	A	32.0	48.0	65.2	78.0	100.0			
	COP	-	3.6	3.6	3.8	3.8	3.9			
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube			
		QTY	2	4	4	4	4			
		ROW-FPI	4-12	4-12	4-12	4-12	4-12			
	FAN	QTY	2	4	4	4	4			
		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	50	100	100	110	150			
	FLOW RATE	GPM	43	70	92	107	139			
UNIT DIMENSION	L	Cm	250	240	240	240	240			
	W	Cm	130	220	220	220	220			
	H	Cm	240	260	260	260	260			
CONNECTION	INLET/OUTLET	In	2	3	3	3	4			
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380			
	MAX POWER INPUT	KW	22	35	45	55	68			
	MAX CURRENT	A	38	52	72	88	115			
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

Chiller Model : Heavy Semi Hermetic R22 Air Cooled Chiller Capacity : 20-160 Ton (Nominal) Compressor : Semi Hermetic And Bitzer Condenser : Air Cooled Fan : Zilabeg Evaporator : Shell & Tube Expansion Valve : Thermostatic And Electronic															
MODEL : HEAVY SEMI HERMETIC R22		R22	HSE22080	HSE22100	HSE22120	HSE22140	HSE22160								
CAPACITY	NOMINAL	TON	80	100	120	140	160								
	ACTUAL	KW	233.0	280.2	328.1	376.0	466.0								
		TON	66.2	79.7	93.3	106.9	132.5								
COMPRESSOR	TYPE	SEMI HERMETIC	2 Circuit	2 Circuit	2 Circuit	2 Circuit	2 Circuit								
	QTY	-	2	2	2	2	4								
	BRAND	-	Bitzer	Bitzer	Bitzer	Bitzer	Bitzer								
	MODEL	S.H	6GE-40-40P	6FE-50-40P	8FE-70-40P 6FE-50-40P	8FE-70-40P	6GE-40-40P								
	REFRIGERANT	TYPE	R22	R22	R22	R22	R22								
	MAX CURRENT	A	116.8	156	188	220	168								
	COP	-	3.8	3.6	3.8	3.8	3.8								
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube	Fin-Tube								
		QTY	6	6	8	8	12								
		ROW-FPI	4-12	4-12	4-12	4-12	4-12								
	FAN	QTY	6	6	8	8	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	160	180	200	220	260								
	FLOW RATE	GPM	159	191	224	257	318								
UNIT DIMENSION	L	Cm	360	360	480	480	700								
	W	Cm	240	240	240	240	240								
	H	Cm	260	260	260	260	260								
CONNECTION	INLET/OUTLET	In	4	4	5	5	5								
ELECTRICAL DATA	VOLTAGE	V	380	380	380	380	380								
	MAX POWER INPUT	KW	78	90	115	125	140								
	MAX CURRENT	A	125	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	HSE22080	61	233	159	63	225	153	65	219	150					
	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 And Bitzer Condenser : Air Cooled Fan : Zilabeg And Ebm Evaporator : Shell & Tube Expansion Valve : Thermostatic And Electronic										
MODEL : HEAVY SEMI HERMETIC R134A		R134A	HSE34030	HSE34060	HSE34070					
CAPACITY	NOMINAL	TON	30	60	70					
	ACTUAL	KW	55	121	128					
		TON	15.6	34.5	36.5					
COMPRESSOR	TYPE	SEMI HERMETIC	2 Circuit	2 Circuit	2 Circuit					
	QTY	-	2	2	2					
	BRAND	-	Bitzer	Bitzer	Bitzer					
	MODEL	S.H	4PE-15Y-40P	4FE-28Y-40P	6HE-35Y-40P					
	REFRIGERANT	TYPE	R134A	R134A	R134A					
	MAX CURRENT	A	30.4	65.0	70.0					
	COP	-	3.5	3.6	3.8					
CONDENSER	COIL	TYPE	Fin-Tube	Fin-Tube	Fin-Tube					
		QTY	2	4	4					
		ROW-FPI	4-12	4-12	4-12					
	FAN	QTY	2	4	4					
		MODEL	80	80	80					
		RPM	900	900	900					
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube	Shell-Tube	Shell-Tube					
	WATER VOLUME	Lit	100	120	150					
	FLOW RATE	GPM	37	83	87					
UNIT DIMENSION	L	Cm	250	240	240					
	W	Cm	135	220	220					
	H	Cm	240	260	260					
CONNECTION	INLET/OUTLET	In	2	3	3					
ELECTRICAL DATA	VOLTAGE	V	380	380	380					
	MAX POWER INPUT	KW	20	42	45					
	MAX CURRENT	A	35	72	78					
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

Chiller
Model : Heavy Semi Hermetic R134a
Air Cooled Chiller
Capacity : 30-140 Ton (Nominal)
Compressor : Semi Hermetic And Bitzer
Condenser : Air Cooled
Fan : Zilabeg And Ebm
Evaporator : Shell & Tube
Expansion Valve : Thermostatic And Electronic



MODEL : HEAVY SEMI HERMETIC R134A		R134A	HSE34110		HSE34120		HSE34140			
CAPACITY	NOMINAL	TON	110		120		140			
	ACTUAL	KW	192		239		256			
		TON	54.7		68.0		72.9			
COMPRESSOR	TYPE	SEMI HERMETIC	2 Circuit		2 Circuit		2 Circuit			
	QTY	-	3		2		4			
	BRAND	-	Bitzer		Bitzer		Bitzer			
	MODEL	S.H	6HE-35Y-40P		8FE-60Y-40P		6HE-35Y-40P			
	REFRIGERANT	TYPE	R134A		R134A		R134A			
	MAX CURRENT	A	100.0		125.0		140.0			
	COP	-	3.8		3.9		3.8			
CONDENSER	COIL	TYPE	Fin-Tube		Fin-Tube		Fin-Tube			
		QTY	6		8		8			
		ROW-FPI	4-12		4-12		4-12			
	FAN	QTY	6		8		8			
		MODEL	80		80		80			
		RPM	900		900		900			
EVAPORATOR	TYPE	Shell-Tube	Shell-Tube		Shell-Tube		Shell-Tube			
	WATER VOLUME	Lit	180		200		220			
	FLOW RATE	GPM	131		163		175			
UNIT DIMENSION	L	Cm	360		480		480			
	W	Cm	220		220		220			
	H	Cm	260		260		260			
CONNECTION	INLET/OUTLET	In	3		4		4			
ELECTRICAL DATA	VOLTAGE	V	380		380		380			
	MAX POWER INPUT	KW	62		80		85			
	MAX CURRENT	A	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	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