Coolpoint
Air Conditioning Division

A subsidiary of WAVES

Floor Standing Cabinet Type Split AC Units

Model: CWF 5-40



Coolpoint

The Largest Air Conditioning Equipment Manufacturer

COMPANY PROFILE

Cool Point is a subsidiary of M/s Cool Industries (Pvt.) Limited, leading manufacturer of Deep Freezers, Refrigerators and Split Air Conditioners in Pakistan of renowned brand WAVES

On a modest level, Cool Point has grown into one of the prime Manufacturers of Air Conditioners & Coils in Pakistan. Our professional staff and dedicated management is fully committed to quality and service of its products. Our system is certified for ISO 9001:2000 Standards.

We possess the latest machinery and technology required for production of high quality products. Our team of professional engineers and technical staff is capable of responding to the market's most expecting demands for that we are continuously struggling to improve our manufacturing capabilities and quality to become the leader of the market.

We have efficient network of After Sales Services throughout the country for the entire satisfaction of our customers.

Engineering Team

We have highly professional & experience engineering team in HVAC systems. Our experts have worked on wide range & capacities of HVAC systems all over the Pakistan.

FLOOR STANDING CABINETS TYPE SPLIT A/C UNITS

APPLICATION

Coolpoint Air Cooled split type air conditioners comprises of two sections:-

a- Condensing unit for the outdoor installation.
b- Floor standing unit for the indoor installation.

Both sections are connected with refrigerant copper piping at site. These units are designed to provide maximum efficiency at tropical conditions. These units are best suitable for installation in residential, commercial and industrial applications. Wide range of models provides even better choice to select a particular one for all individual applications.

- Weather proof design of condensing unit permits their installation outside the building, either on ground level or on rooftop.
- Evaporator units are available in various designs. A ducted (standard-model) can be installed above the false ceiling or at the floor in a separate free space.
- Outdoor units comprises of following parts:-
- Compressor, condenser coil, condenser fan & motor and all required electrical & refrigerant accessories.
- Indoor units comprises of following parts:-
- Evaporator coil, evaporator fan & motor, refrigerant control. Electrical Electronic control Panel.
- These units can also be used for heating purposes during the winter season. An electrical duct heater (supplied by others) is installed in the ducting system and connected to the unit's control panel, only evaporator fan and heater will be in operation during Heating Mode.

COMPONENT DETAILS

- **Construction**
  The unit is made from heavy gauge zinc phosphated mild-steel sheets. The sheets are degrased and de-rusted before phosphating and then finished with .electrostatic baked powder paint. This ensures excellent corrosion resistance and thus ensuring long life of the unit. The Floor Standing Cabinet is provided with insulation to prevent any heat loss.
- **Compressor**
  All units consist of one or two hermetic or semi hermetic reciprocating compressors. Each compressor is provided completely independent refrigerant circuit. All compressors are equipped with crankcase heaters and are internally protected.
- **Evaporator Fan & Motor**
  The evaporator fans are forward curved centrifugal double width double inlet type. The fans are statically and dynamically balanced for noiseless operation. The fan shafts are provided with permanent lubricated ball bearings. These fans are belts driven type using one or two "V" belts. The drive system is having adjustable pulley and motor base to adjust +/- 10% of factory adjusted fan speed. These fans are totally driven by enclosed fan cooled motors having class B insulation. High static fans can be-provided on request.
- **Evaporator Coil**
  The evaporator coils are made of seamless copper tubes and aluminum plate fins. These coils are tested for leakages under water at a nitrogen pressure of 250 Psig.
- **Air Filters**
  Every unit is supplied with one set of 1" thick aluminum washable filters.
- **Condenser Coil**
  The condenser coils are made of seamless copper tubes and aluminum plat fins. These coils are tested for leakages under water at a nitrogen pressure of 450 psig.
- **Electrical Control Panel**
  The electrical control panel is in the condensing unit. The control panel consist of contactors, thermal overload relays, time delay relay and fuses etc.
- **Operation Electrical Control Panel**
  The unit is supplied with a combination of electronic controller with wireless remote control. The controller is having system operation-switch, temperature adjustment and indication lights.

SAFETY DEVICES

Compressor internal protector, to protect the compressor motor winding from over heating.
Phase failure relay, to protect the unit in case of failure of any phases.
Compressor over load relay, to protect the compressor from over current operation.
Evaporator and condenser fan motor overload relays, to protect them from over current operation.
Time delay relay, to avoid simultaneous start of compressor (in multi compressor units).
High and low pressure Switch, to protect the compressor from damage due to abnormal suction/discharge pressures.
Compressor Crank case heater, to keep the compressor's oil warm during periods when it is not operating, to prevent excessive absorption of refrigerant.

OPTIONAL ACCESSORIES

Pressure gauges, to witness the compressor operating conditions (in outdoor unit).
Rubber vibration isolators, to eliminate the transmission of unit's vibration to the building.
Power Breaker, for protection against and short circuiting.
Low ambient Control, to keep the operating compressor discharge pressure within limits. When ambient temperature is low but unit required to operate on cooling, due to high inside temperatures.
Electric Heater, for heating.

SPECIFICATIONS

Coolpoint Air Conditioning Division

ITEMS	CWFI CWFO	5	7.5	10	15	20
Cooling Capacity	BTU / Hr	50800	73000	101600	146000	192500
	KCAL / Hr	12802	18396	25603	39792	48510
Refrigerant		R-22 (To be charged at site)				
Refrigerant Circuts		1	1	2	2	2
Refrigerant Flow Control		Thermostatic Expansion Valve				
Refrigerant Connection	Type	Brazed				
	Liquid	1/2"	1/2"	5/8"	5/8'	5/8"
	Suction	7/8"	7/8"	7/8"	1"	1-1/8"
Power Supply		380-415 V / 3 Ph / 50 Hz				
CONDENSING UNIT (OUTDOOR UNIT)						
Compresor	Type	Reciprocating Hermetic				
	Quantity	1	1	2	2	2
	Nominal H.P	5	7.5	2 x 5	2 x 7.5	2 x 10
	Amps. (RLA)	8.2	12.6	16 ~ 20	25 ~ 28	33 ~ 36
Condenser Fan	Type	Propeller, Type Directly Mounted on the Motors Shaft				
	Quantity	1	1	2	2	4
Condenser Fan Motor	Quantity	1	1	2	2	4
	Nominal H.P	0.5	0.5	2 x 0.5	2 x 0.5	4 x 0.5
	Amps. (RLA)	0.9	0.9	2 x 0.9	2 x 0.9	4 x 0.9
Dimensions (Inch)	Height	1243	864	1118	1118	1169
	Width	936	813	1651	1651	1803
	Depth	450	864	914	914	1473
Weight	Kg	150	190	250	290	400
FLOOR STANDING CABINET (INDOOR UNIT)						
Evaporator Fan	Type	Forward Curved Centrifugal				
	C.F.M	2000	3000	4000	6000	8000
	Design E.S.P (In Wg)	0.5	1	1.5	2	2
Evaporator Fan Motor	Nominal H.P	3/4"	3/4"	3/4"	5.5	7.5
	Amps. (RLA)	1	1.8	0.9	0.9	12
Air Filters	Type	1" Thick Washable Permanent Aluminium Media, Air Filter				
Condensate Drain Connection	Type	Male Piping Trade				
	Size (Inches)	1/2"	3/4"	3/4"	1"	1"
Dimensions (Inch)	Height	69	74	69	74	74
	Width	51	36	51	65	65
	Depth	20	19	20	27	32
Weight	Kg	100	130	160	220	310

Cool Point's policiy continuous improvement in our products, therefore the specifications are subject to change without prior notice.

SPECIFICATIONS

ITEMS	CWFI CWFO	25	30	35	40
Cooling Capacity	BTU / Hr	208000	245500	350000	400000
	KCAL / Hr	52416	61866	88200	
Refrigerant		R-22 (Pre Charged)			
Refrigerant Circuts		2	2	2	2
Refrigerant Flow Control		Thermostatic Expansion Valve			
Refrigerant Connection	Type	Brazed			
	Liquid	3/4"	3/4"	2 x 5/8"	2 x 5/8"
	Suction	1-1/8"	1-1/4"	2 x 1"	2 x 1"
Power Supply		380-415 V / 3 Ph / 50 Hz			
CONDENSING UNIT (OUTDOOR UNIT)					
Compresor	Type	Reciprocating Hermetic			
	Quantity	2	2	2	1
	Nominal H.P	2 x 12.5	2 x 15	2 x 20	40
	Amps. (RLA)	50	58	50	58
Condenser Fan	Type	Propeller, Type Directly Mounted on the Motors Shaft			
	Quantity	4	4	6	6
Condenser Fan Motor	Quantity	4	4	6	6
	Nominal H.P	4 x 0.5	4 x 0.5	6 x 0.5	6 x 0.5
	Amps. (RLA)	4 x 0.9	4 x 0.9	6 x 0.9	6 x 0.9
Dimensions (Inch)	Height	1194	1194	1289	1289
	Width	1803	1803	2260	2260
	Depth	1651	1651	2286	2286
Weight	Kg	500	610	1000	1000
FLOOR STANDING CABINET (INDOOR UNIT)					
Evaporator Fan	Type	Forward Curved Centrifugal			
	C.F.M	10000	12000	14000	16000
	Design E.S.P (In Wg)	2	2	3 ~ 4	3 ~ 4
Evaporator Fan Motor	Nominal H.P	10	10	7.5	10
	Amps. (RLA)	14	14	10	12
Air Filters	Type	1" Thick Washable Permanent Aluminium Media, Air Filter			
Condensate Drain Connection	Type	Male Piping Trade			
	Size (Inches)	1"	1"	1-1/2"	1-1/2"
Dimensions (Inch)	Height	74	51	59	59
	Width	65	71	89	89
	Depth	32	45	45	45
Weight	Kg	330	400	470	520

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PERFORMANCE DATA

Coolpoint Air Conditioning Division

(COOLING CAPACITIES, MBH)																		
Model	EVAP. AIR		CONDENSER ENTERING AIR TEMPERATURE (F°)															
	CFM	EWB	85 F			95 F			105 F			115 F			125 F		
	(BF)	F	TH	SH	KW	TH	SH	KW	TH	SH	KW	TH	SH	KW	TH	SH	KW
5	1200 (0.11)	62	48.5	42.1	4.12	45.2	40.0	4.38	42.0	38.1	4.85	38.7	36.2	4.92	36.0	34.4	5.19
		67	51.8	35.4	4.22	48.8	33.8	4.61	45.8	32.2	4.99	42.8	30.6	5.37	40.0	29.5	5.75
		72	55.0	29.0	4.33	52.4	28.0	4.83	49.8	27.1	5.31	47.0	26.2	5.79	44.2	52.2	6.0
	1600 (0.15)	62	50.3	46.9	4.21	47.3	45.0	4.50	44.2	43.1	4.80	41.1	41.1	5.09	38.0	38.0	5.39
		67	53.4	39.1	4.30	50.8	38.0	4.71	48.1	36.9	5.10	45.4	35.8	5.50	42.7	34.7	5.79
		72	56.5	31.4	4.40	54.3	31.1	4.90	52.4	30.5	5.41	50.5	30.0	5.89	48.6	29.5	6.20
	2000 (0.19)	62	52.3	51.5	4.30	49.4	49.4	4.62	46.4	46.4	4.95	43.5	43.5	5.26	40.0	40.0	5.59
		67	55.0	42.8	4.38	52.8	42.4	4.81	50.4	41.6	5.21	48.0	41.0	5.63	45.0	39.8	5.83
		72	58.0	33.8	4.47	57.2	34.2	4.97	55.0	33.8	5.51	54.0	32.0	5.99	52.5	30.5	6.40
7.5	2000 (0.13)	62	69.7	62.6	6.12	65.0	61.0	6.54	60.4	59.4	7.00	56.0	56.0	7.42	51.8	51.8	7.85
		67	74.4	52.0	6.52	70.2	49.7	6.95	66.0	47.6	7.39	62.0	45.6	7.83	58.0	43.7	8.35
		72	79.1	39.1	6.93	75.5	37.5	7.35	71.6	36.0	7.78	67.7	34.5	8.20	63.8	32.5	8.48
	2400 (0.16)	62	72.3	70.5	6.25	68.0	68.0	6.72	63.7	63.7	7.20	59.5	59.5	7.68	55.4	55.4	8.16
		67	76.7	56.5	6.65	73.0	54.4	7.10	69.4	52.3	7.56	65.9	50.2	8.02	62.4	48.1	8.48
		72	81.2	42.7	7.05	78.2	40.5	7.48	75.2	38.3	7.91	72.2	36.1	8.34	69.5	34.0	8.77
	2800 (0.19)	62	74.9	74.9	6.38	71.0	71.0	6.90	67.0	67.0	7.42	63.1	63.0	7.94	59.1	59.0	8.45
		67	79.0	61.0	6.78	75.8	59.3	7.25	72.8	57.0	7.72	69.8	54.9	8.18	66.8	52.5	8.66
		72	83.1	46.2	7.17	80.9	44.0	7.60	78.8	40.6	8.03	76.7	37.8	8.46	75.1	35.6	8.85
10	2400 (0.10)	62	97.0	84.2	8.24	90.4	80.0	8.76	84.0	76.2	9.03	77.4	72.4	9.84	72.0	68.8	10.38
		67	103.6	70.8	8.44	97.4	67.6	9.22	91.6	64.4	9.98	85.6	61.4	10.74	80.0	59.0	11.5
		72	110.0	58.0	8.66	104.8	56.0	9.66	99.6	54.2	0.62	94.0	52.4	11.58	688.4	50.4	12.0
	3200 (0.15)	62	100.6	93.8	8.42	94.6	90.0	9.00	88.4	86.2	9.06	82.2	82.2	10.18	76.0	76.0	10.78
		67	106.8	78.2	8.60	101.6	76.0	9.42	96.2	73.8	10.2	90.8	71.6	10.01	85.4	69.4	11.58
		72	113.0	62.8	8.80	108.6	62.2	9.08	104.8	61.0	10.82	101.1	60.0	11.78	97.2	59.0	12.4
	4000 (0.20)	62	104.6	10.30	8.60	98.8	98.8	9.42	92.8	92.8	9.9	87.0	87.0	10.52	80.0	80.0	11.17
		67	110.0	85.6	8.76	105.6	84.4	9.62	100.8	83.2	10.42	96.0	82.0	11.26	90.0	79.6	11.66
		72	116.0	67.6	8.94	114.4	68.4	9.94	110.0	67.6	11.02	108.0	64.0	11.98	105.0	61.0	12.8
15	4200 (0.16)	62	139.4	125.2	12.27	130.0	122.0	13.08	120.8	118.8	14.0	112.0	112.0	14.84	103.6	103.6	15.7
		67	148.8	104.0	13.04	140.4	99.4	13.9	132.0	95.2	14.78	124.0	91.2	15.66	116.0	87.4	16.7
		72	158.2	78.2	13.86	151.0	75.0	4.7	143.2	72.2	15.56	135.4	69.9	16.4	127.6	65.0	16.95
	5000 (0.19)	62	144.6	141.0	12.5	136.0	136.0	13.44	127.4	127.4	14.4	119.0	119.0	15.36	110.8	110.0	16.32
		67	153.4	113.0	13.30	146.0	108.0	14.2	138.8	104.6	15.12	131.8	100.4	16.04	124.8	96.2	16.96
		72	162.4	85.4	41.10	156.4	81.0	14.96	150.4	76.6	15.82	114.4	72.2	16.68	139.0	68.0	17.54
	5800 (0.22)	62	149.8	149.8	12.76	142.0	142.0	13.8	134.0	134.0	14.84	126.2	126.0	15.88	118.2	118.0	16.9
		67	158.0	122.0	13.56	151.6	118.6	14.5	145.6	114.0	15.44	139.6	109.0	16.36	133.6	105.0	17.32
		72	166.2	92.4	14.34	161.8	88.0	5.2	157.6	81.2	16.06	153.4	75.6	16.92	150.0	71.2	17.7
20	5000 (0.11)	62	182.0	164.9	15.95	171.8	160.7	17.03	161.4	156.5	18.11	151.2	151.2	19.19	141.3	141.3	20.27
		67	195.9	134.8	17.17	185.1	129.5	18.40	174.4	124.2	19.63	164.0	119.0	20.86	154.2	114.0	22.09
		72	208.5	104.8	18.40	198.2	98.3	19.77	188.0	91.8	21.14	177.8	85.4	22.52	167.4	80.0	23.88
	6000 (0.13)	62	189.0	174.5	16.30	179.6	2.2	17.5	170.0	168.5	18.6	160.5	160.4	19.7	151.5	151.5	20.8
		67	202.0	144.5	17.50	192.5	140.0	18.8	183.0	135.5	20.2	174.0	131.1	21.5	165.2	126.5	22.8
		72	214.4	113.5	18.70	205.3	108.0	20.1	196.0	102.5	21.5	187.0	970.0	22.9	178.0	92.0	24.3
	7000 (0.15)	62	195.8	184.2	16.65	187.5	183.7	17.97	178.6	180.5	19.09	169.8	169.8	20.21	161.5	161.5	21.33
		67	208.1	154.2	17.83	200.0	151.0	19.20	191.6	146.9	20.77	184.0	143.2	22.14	176.4	139.5	23.51
		72	220.3	122.3	19.00	212.4	118.0	20.43	204.0	113.3	21.86	196.2	108.6	23.29	188.4	130.9	24.72

PERFORMANCE DATA

(COOLING CAPACITIES, MBH)																		
Model	EVAP. AIR		CONDENSER ENTERING AIR TEMPERATURE (F°)															
	CFM	EWB	85 F			95 F			105 F			115 F			125 F		
	(BF)	F	TH	SH	KW	TH	SH	KW	TH	SH	KW	TH	SH	KW	TH	SH	KW
25	6200 (0.12)	62	198.0	161.4	17.11	186.7	161.0	18.10	175.4	160.5	19.09	164.1	160.0	20.08	152.8	152.8	21.07
		67	211.6	142.0	17.93	200.0	136.4	19.13	188.7	130.9	20.33	176.8	125.4	21.53	165.2	120.9	22.73
		72	225.2	122.7	18.75	213.4	111.7	20.15	201.6	100.3	21.55	189.8	89.7	22.95	178.0	79.1	24.35
	7200 (0.14)	62	202.4	186.8	17.45	195.2	184.7	18.56	188.0	182.6	19.67	180.8	180.5	20.78	173.6	173.6	21.89
		67	217.2	159.5	18.33	208.0	154.5	19.58	198.8	149.5	20.83	189.6	144.5	22.08	180.4	140.0	23.38
		72	232.0	132.2	19.21	220.8	124.4	20.60	209.6	116.4	21.99	198.5	108.8	23.38	187.2	101.2	24.78
	8200 (0.16)	62	206.8	206.8	17.80	203.6	203.6	19.02	200.0	200.4	20.25	197.3	197.3	21.45	194.0	194.0	22.71
		67	223.0	177.1	18.73	216.0	172.6	20.03	209.0	168.1	21.33	202.0	163.6	22.63	195.0	159.0	23.93
		72	238.8	141.7	19.67	228.4	137.1	21.05	218.0	132.5	22.40	207.8	127.9	23.81	197.6	12.3	25.22
30	7400 (0.12)	62	231.0	228.6	19.48	223.3	214.4	20.04	215.0	200.6	20.60	206.7	186.8	21.16	198.4	173.0	21.72
		67	242.1	177.7	20.74	233.3	170.3	21.33	224.5	162.9	21.92	215.7	155.5	22.51	206.9	148.1	23.10
		72	252.6	127.2	22.0	243.3	126.2	22.62	234.0	125.2	23.24	224.7	124.2	23.86	215.5	123.2	24.48
	8200 (0.14)	62	244.0	238.6	20.3	235.0	230.0	21.0	226.0	221.0	21.7	217.0	212.8	22.40	208.0	204.6	23.10
		67	255.1	190.4	21.55	245.5	184.1	22.4	235.9	177.8	23.25	226.3	171.5	24.10	216.7	165.2	24.95
		72	266.2	142.2	22.80	256.0	138.2	23.80	245.8	134.2	24.80	235.6	130.2	25.80	225.4	126.2	26.80
	9400 (0.16)	62	257.0	248.6	21.12	246.7	246.7	21.96	237.0	237.0	22.8	227.3	227.3	23.64	217.6	217.6	24.48
		67	268.1	203.1	22.36	257.7	197.9	23.47	247.3	192.7	24.58	236.9	187.5	25.69	226.5	182.3	26.80
		72	279.8	157.4	23.60	266.7	150.2	24.98	257.6	143.0	26.36	246.5	135.8	27.74	235.4	128.6	29.12
35	9000 (0.13)	62	297.2	275.6	25.10	289.2	269.0	26.65	281.2	262.4	28.20	273.2	255.8	29.75	265.2	249.2	31.30
		67	318.0	223.9	27.30	309.5	214.0	28.65	301.0	204.1	30.0	292.5	194.2	31.35	284.0	184.3	32.70
		72	338.8	172.4	29.50	329.8	159.0	30.65	320.8	145.6	31.80	311.8	132.2	32.95	302.8	118.8	34.10
	10500 (0.15)	62	306.9	290.2	26.10	289.2	283.5	27.65	289.5	276.8	29.20	280.8	270.1	30.75	272.1	263.4	32.30
		67	328.8	238.9	28.20	320.8	232.5	39.50	311.8	226.1	30.80	302.8	219.7	32.10	283.8	213.3	33.40
		72	253.7	187.5	30.30	343.4	181.5	31.35	334.1	175.5	32.40	324.8	169.5	33.45	315.5	203.5	34.50
	12000 (0.17)	62	316.6	304.8	27.10	307.2	298.0	28.65	297.8	291.5	31.20	288.4	284.4	31.75	279.0	277.8	33.30
		67	341.6	253.9	29.10	332.1	215.0	30.35	322.6	248.1	31.60	313.1	245.2	32.85	203.6	242.3	34.10
		72	366.6	202.6	31.10	357.0	204.0	32.05	347.4	205.4	33.00	337.8	202.4	33.95	328.2	200.0	34.90
40	10000 (0.12)	62	319.3	313.2	28.14	312.2	302.4	30.57	305.1	291.6	33.0	298.0	280.8	35.43	290.9	270.0	37.86
		67	343.1	259.2	30.30	335.4	248.4	32.90	327.7	237.6	35.50	320.0	226.8	38.10	312.3	216.0	40.70
		72	366.9	205.2	32.46	358.6	194.4	35.23	350.3	183.6	38.00	342.0	172.8	40.77	333.7	162.0	43.54
	12000 (0.15)	62	335.0	330.5	29.64	328.0	317.5	32.07	321.0	304.5	34.50	314.0	291.5	36.93	307.0	278.5	39.36
		67	357.6	278.5	31.55	350.1	265.4	34.15	342.6	252.7	36.75	335.1	239.8	39.35	327.6	226.9	41.95
		72	380.2	226.8	33.46	372.2	213.8	36.23	364.2	200.8	39.0	356.2	187.8	41.77	348.2	174.8	44.54
	14000 (0.17)	62	350.7	347.8	31.14	343.8	332.6	33.57	336.9	317.4	36.0	330.0	302.2	38.43	323.1	287.0	40.86
		67	372.1	297.8	32.80	364.8	282.8	35.40	357.5	267.8	38.0	350.2	252.8	40.60	342.9	237.8	43.20
		72	393.5	248.4	34.46	385.8	233.2	37.23	378.1	218.0	40.0	370.4	202.8	42.77	362.7	187.6	42.54

FAN PERFORMANCE

Model	CFM		EXTERNAL STATIC PRESSURE (Inch WG)											
	(BF)		0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00	2.20
5	1600	RPM	550	630	740	830	920	1000	1075	1140	1200	-	-	-
		BHP	0.20	0.30	0.37	0.42	0.50	0.65	0.70	0.85	1.0			
	1800	RPM	590	640	765	855	945	1025	1090	1155	1210	-	-	-
		BHP	0.30	0.35	0.45	0.50	0.60	0.72	0.80	0.95	1.1			
	2000	RPM	610	670	785	875	960	1040	1105	1170	1230	-	-	-
		BHP	0.35	0.40	0.50	0.60	0.70	0.80	0.90	1.0	1.2			
7.5	2400	RPM	710	800	890	975	1050	1120	1190	-	-	-	-	-
		BHP	0.60	0.75	0.90	1.0	1.10	1.2	1.35					
	2600	RPM	775	860	930	1035	1115	1190	1260	-	-	-	-	-
		BHP	0.75	0.25	1.10	1.10	1.20	1.3	1.40					
	2800	RPM	825	930	1025	1100	1180	1250	-	-	-	-	-	-
		BHP	0.80	0.95	1.10	1.20	1.30	1.5						
10	3200	RPM	500	550	690	815	918	950	1000	1070	1135	1200	1260	1310
		BHP	0.52	0.60	0.65	0.70	0.90	1.10	1.30	1.50	1.60	1.8	2.0	2.2
	3600	RPM	520	590	725	840	940	990	1040	1110	1175	1235	1295	1340
		BHP	0.54	0.70	0.75	0.80	1.10	1.2	1.4	1.6	1.75	2.0	2.2	2.4
	4000	RPM	545	600	740	855	960	1030	1080	1140	1210	1270	13.2	-
		BHP	0.60	0.80	0.90	1.0	1.20	1.40	1.60	1.80	1.90	2.2	2.30	
15	5000	RPM	650	750	830	925	1015	1070	1140	1210	1280	1345	-	-
		BHP	0.9	1.0	1.3	1.4	1.70	1.8	2.0	2.20	2.50	2.80		
	5400	RPM	700	780	875	970	1060	1110	1185	1255	1320	1380	-	-
		BHP	1.10	1.30	1.50	1.70	1.85	2.0	2.30	2.60	2.90	3.10		
	5800	RPM	750	800	895	990	1075	1150	1220	1285	1350	1410	-	-
		BHP	1.4	1.40	1.60	1.8	2.0	2.20	2.50	2.90	3.2	3.60		
20	6000	RPM	790	850	955	1055	1150	1210	1280	1340	1450	-	-	-
		BHP	1.30	1.50	1.80	2.20	2.6	2.8	3.0	3.4	3.8			
	6500	RPM	840	890	1000	1100	1190	1250	1325	1390	-	-	-	-
		BHP	1.5	1.80	2.0	2.50	2.9	3.1	3.5	3.9				
	7000	RPM	900	987	1070	1160	1230	1290	1355	1420	-	-	-	-
		BHP	1.7	2.1	2.3	2.8	3.2	3.5	3.8	4.1				
25	7200	RPM	510	545	590	240	700	735	785	825	860	895	940	970
		BHP	2.0	2.4	2.7	2.9	3.1	3.5	4.0	4.5	4.8	5.1	5.5	5.8
	7700	RPM	540	575	635	685	720	760	800	845	890	925	960	995
		BHP	2.5	2.8	3.1	3.2	3.5	4.0	4.5	4.9	5.2	5.4	5.8	6.0
	8200	RPM	580	610	670	720	760	780	830	870	910	940	980	1010
		BHP	2.9	3.3	3.7	3.9	4.4	4.8	5.0	5.2	5.4	5.7	6.1	6.5
30	8200	RPM	590	615	975	725	760	780	835	875	910	945	990	1020
		BHP	3.0	3.4	3.8	4.0	4.4	4.8	5.0	5.3	5.5	5.8	6.2	6.7
	8800	RPM	625	660	690	735	780	820	855	880	925	955	995	1030
		BHP	3.5	3.90	4.4	4.7	5.0	5.5	5.8	6.0	6.4	6.7	7.0	7.4
	9400	RPM	650	690	720	760	805	845	875	900	940	975	1015	1050
		BHP	4.0	4.5	5.0	5.3	5.6	6.2	6.5	6.8	7.2	7.6	7.8	8.2
35	10500	RPM	530	585	640	695	750	770	810	850	880	920	960	980
		BHP	2.4	2.9	3.4	3.9	4.4	4.9	6.2	6.0	6.5	7.3	7.8	8.4
	11200	RPM	560	600	670	725	775	810	850	870	905	945	980	1000
		BHP	3.0	3.5	4.0	4.8	5.2	5.8	6.2	6.7	7.4	8.2	8.8	9.5
	12000	RPM	630	700	725	780	830	855	890	935	965	990	1030	1060
		BHP	4.3	5.0	5.6	6.3	6.8	7.1	7.8	8.4	9.1	9.9	10.5	11.0
40	12000	RPM	550	590	650	695	745	800	835	870	900	930	960	985
		BHP	3.0	3.4	4.1	4.6	5.2	5.7	6.2	6.8	7.5	8.0	8.4	9.2
	13000	RPM	570	635	690	726	770	815	850	885	920	950	990	1010
		BHP	3.6	4.1	4.8	5.4	6.0	6.5	7.0	7.6	8.2	9.0	9.9	10.5
	14000	RPM	590	640	705	735	790	840	865	900	945	975	1000	1040
		BHP	4.2	4.8	5.5	6.2	6.6	7.2	7.9	8.3	9.0	9.8	10.4	10.8

ELECTRICAL DATA

MODEL	COMPRESSOR (EACH)				EVAPORATOR FAN MOTOR (EACH)			CONDENSER FAN MOTOR (EACH)			TOTAL UNIT		
	QTY	RLA	FLA	LRA	HP	RLA	FLA	QTY	RLA	FLA	RLA	FLA	Total
5	1	12.5	9.8	65	1	1.5	1.75	1	0.9	1.5	15	13	20
7.5	1	13.3	13	72	1	1.5	1.75	1	0.9	1.5	16	18	30
10	2	12.5	14	80	1	1.5	1.75	2	0.9	1.5	28	33	40
15	2	13.3	15	90	3	3.5	5	2	0.9	1.5	32	38	50
20	2	17.3	19	104	3	4.5	7.5	4	0.9	1.5	43	50.5	60
25	2	22.2	40	165	3	4.5	7.5	4	0.9	1.5	53	92	75
30	2	27.5	46	200	5	7.5	9	4	0.9	1.5	66	106	115
35	2	32.5	52	150	7.5	9	10.5	6	0.9	1.5	79	122	130
40	2	38	58	147	7.5	9	14	6	0.9	1.5	90	137	150

NOTE: **SM** Starting Method
AL Across the line starting.
PW Part wind starting.

NOTE: Locked Motor amps. For PW compressor are for first winding and for one second only
In Multi compressor units, the compressor motors started sequience wise.

*Cool Point's policiy continuous improvement in our products, therefore the specifications are subject to change without prior notice.

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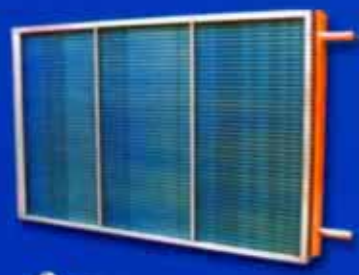
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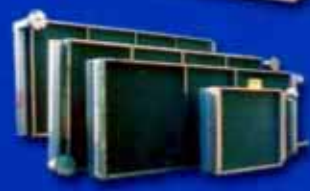
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