

SPECIFICATIONS

MODEL		Heat pump	WRF9Z	WRF10Z	WRF12Z	WRF16Z	
		Cooling only	WF9Z	WF10Z	WF12Z	WF16Z	
NOMINAL COOLING CAPACITY		kcal/h	7.396,0	9.116,0	10.406,0	18.000,0	
		kW	8,6	10,6	12,1	21,0	
		Btu/h	29.343,0	36.168,0	41.297,0	72.000,0	
NOMINAL HEATING CAPACITY		kcal/h	7.998,0	9.718,0	11.180,0	18.800,0	
		kW	9,3	11,3	13,0	21,6	
		Btu/h	31.732,0	38.556,0	44.369,0	75.200,0	
RATED TOTAL POWER CONSUMPTION (COOLING)		kW	3,45	3,95	4,60	5,95	
RATED TOTAL POWER CONSUMPTION (HEATING)		kW	3,18	3,61	4,26	5,40	
RATED RUNNING CURRENT (COOLING)		Amps	6,5	7,2	8,1	9,8	
RATED RUNNING CURRENT (HEATING)		Amps	6,1	6,7	7,5	9,1	
EER (COOLING) / COP (HEATING)		kW/kW	2.48 / 2.9	2.67 / 3.11	2.59 / 3.0	2.71 / 3.19	
MAXIMUM STARTING CURRENT		Amps	42,0	48,0	55,0	66,0	
POWER SUPPLY		V/Ph/Hz	380V / 3Ph / 50Hz				
CAPACITY STEPS		%	0, 100%				
EVAPORATOR SECTION	MOTOR	POWER INPUT	kW	0,5	0,5	0,5	0,7
		POWER SUPPLY	V/Ph/Hz	220V / 1Ph / 50Hz			
	FAN	FAN TYPE	Forward Curve Centrifugal fan				
		DRIVE TYPE (DIRECT / BELT)	Direct Drive				
		FAN SPEED	RPM	1440/1245/1390	1430/1400/1360		1380/1250/1150
		AIR FLOW	L/S	500/400/320	590/480/370	700/550/440	810/530/420
	COIL		CMH	1800/1440/1152	2124/1728/1332	2520/1980/1584	2916/1908/1512
		EXTERNAL STATIC PRESSURE	Pa	160,0	150,0	180,0	180,0
		FIN TYPE	Aluminum Fins				
		ROWS / FIN PER INCH		3/12.7	4/12.7		
CONDENSER SECTION	MOTOR	POWER INPUT	kW	0,15	0,15	0,3	0,35
		POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz			
	FAN	FAN TYPE	Axial type				
QUANTITY			1	1	1	1	
FAN SPEED		RPM	695,0	695,0	965,0	965,0	
AIR FLOW		L/S	1.100,0	1.050,0	1.530,0	1.950,0	
COIL		CMH	3.961	3.781	5.509	7.021	
	FIN TYPE	Aluminum Blue Fins					
	ROWS / FIN PER INCH		2/15.88	3/12.7	38790	2/15.88	
	FACE AREA	m ² /ft ²	0.825/8.877	0.825/8.877	0.825/8.877	1.125/12.105	
COMPRESSOR	TUBE MATERIAL	Copper Tubes					
	TYPE	Hermetic scroll compressor					
	BRAND		Sanyo	Sanyo	Sanyo	Sanyo	
	QUANTITY		1	1	1	1	
	POWER INPUT	kW	2,8	3,3	3,8	4,9	
	POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz				
	ANCILLIARIES	Crank case heater					
REFRIGERANT	REFRIGERANT TYPE	R22 (FACTORY CHARGED)					
	CHARGE PER CIRCUIT	Kg	3,0	3,6	4,2	5,8	
	REFRIGERANT CONTROL	Thermal Expansion Valve control					
	QTY OF CIRCUITS		1	1	1	1	
UNIT DIMENSIONS	LENGTH	mm	1280	1280	1280	1660	
	WIDTH	mm	1040	1040	1040	1040	
	HEIGHT	mm	895	895	895	1030	
	NET WEIGHT	kg	240	240	315	360	
PACKING DIMENSIONS	LENGTH	mm	1350	1350	1350	1770	
	WIDTH	mm	1150	1150	1150	1150	
	HEIGHT	mm	1110	1110	1110	1230	
	SHIPPING WEIGHT	kg	290	290	365	430	
CASING	MATERIAL - CASING / BASE	High Grade Sheet Steel casing and frame					
	EXTERNAL FINISHING	Weather - proof, polyester epoxy powder electrostatic paint oven - baked finishing					
	COLOUR	White, Code PCTC70105					
CONTROL	INSULATION	e acoustic insulation 15mm for compressor section. Thermal insulation 10mm for fan se					
	ROOM TEMPERATURE OPERATION	Easy operation Line controller					
SOUND PRESSURE LEVELS			Unit mounted Microprocessor Controller				
	db(A)		67	67	68	71,7	
AIR FILTER	TYPE	Coarse efficiency Nylon filter					
	SIZE (No.-LxWxH)	mm	1-790x340x8	1-790x340x8	1-790x340x8	1-788x276x8	
CONDENSATE DRAIN CONNECTION	in		3/4"	3/4"	3/4"	3/4"	
PROTECTION DEVICES		Compressor - external overload protection. Phase protection on compressors. HP/ LP Switches 3 phase fan motors overload protection. Anti-cycle timers for compressors.					

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE TESTED AND COMPLY WITH INTERNATIONAL STANDARD
- 3) NOMINAL COOLING CAPACITY IS BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27.0°C DB / 19.0°C WB INDOOR AND 35°C DB OUTDOOR
 - b) HEATING - 21.0°C DB INDOOR AND 7.0°C DB / 6.0°C WB OUTDOOR
- 4) ALLOWABLE OPERATING RANGE :
 - a) COOLING - 21.0°C DB / 15.0°C WB INDOOR AND 20.0°C DB OUTDOOR TO 35.0°C DB / 24.0°C WB INDOOR AND 46.0°C DB OUTDOOR
 - b) HEATING - 21.0°C DB / 15.0°C WB INDOOR AND -8.0°C DB OUTDOOR TO 21.0°C DB INDOOR AND 21.0°C DB / 15.0°C WB OUTDOOR
- 5) CAPACITY IS GROSS CAPACITY WHICH DOES NOT INCLUDE A DEDUCTION FOR EVAPORATOR FAN MOTOR HEAT.
- 6) REFRIGERANT CHARGE IS APPROXIMATE VALVE.FOR MORE PRECISE VALUE,PLEASE REFER TO THE UNIT NAMEPLATE OR SERVICE INSTRUCTIONS

SPECIFICATIONS

MODEL		Heat pump	WRF23Z	WRF25Z	WRF32Z	WRF36Z	WRF42Z	
		Cooling only	WF23Z	WF25Z	WF32Z	WF36Z	WF42Z	
NOMINAL COOLING CAPACITY		kcal/h	19,522.0	22,625.0	31,250.0	36,616.0	40,776.0	
		kW	22.7	26.3	36.4	39.5	47.0	
		Btu/h	77,465.0	90,500.0	125,000.0	144,500.0	162,980.0	
NOMINAL HEATING CAPACITY		kcal/h	20,898.0	23,950.0	33,550.0	38,680.0	42,356.0	
		kW	24.3	27.8	39.0	42.0	49.5	
		Btu/h	82,925.0	95,800.0	134,200.0	153,694.0	170,220.0	
RATED TOTAL POWER CONSUMPTION (COOLING)		kW	7.75	9.25	11.25	12.70	14.14	
RATED TOTAL POWER CONSUMPTION (HEATING)		kW	7.14	8.57	10.25	11.60	13.14	
RATED RUNNING CURRENT (COOLING)		Amps	15.1	17.0	19.6	23.1	27.9	
RATED RUNNING CURRENT (HEATING)		Amps	14.0	15.6	17.8	21.6	26.1	
EER (COOLING) / COP (HEATING)		kW/kW	2.88/3.34	2.61/2.99	2.82/3.37	2.71/3.16	2.81/3.24	
RATED RUNNING CURRENT (COOLING)		Amps	15.1	17.0	19.6	23.1	27.9	
MAXIMUM STARTING CURRENT		Amps	61.5	62.5	59.9	75.3	87.9	
POWER SUPPLY		V/Ph/Hz	380V / 3Ph / 50Hz					
CAPACITY STEPS		%	0, 46, 54, 100	0, 50, 100	0, 50, 100	0, 50, 100	0, 37, 63, 100	
EVAPORATOR SECTION	MOTOR	POWER INPUT	kW	1,1	1,1	1,5	2,2	2,2
		POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz				
	FAN	FAN TYPE	Forward Curve Centrifugal fan					
		DRIVE TYPE (DIRECT / BELT)	Belt Drive					
		FAN SPEED	RPM	1320	1320	1120	940	940
		AIR FLOW	L/S	1250	1500	1750	1890	2200
			CMH	4500	5400	6300	6804	7920
	EXTERNAL STATIC PRESSURE	Pa	255	235	290	270	250	
	COIL	FIN TYPE	Aluminum Fins					
		ROWS / FIN PER INCH	4.0/ 12.7					
FACE AREA		m ² /ft ²	0.6/6.456	0.607/6.532	0.732/7.877	0.952/10.244	0.952/10.244	
TUBE MATERIAL	Copper Tubes							
CONDENSER SECTION	MOTOR	POWER INPUT	kW	0,55	0,55	0,75	2x0.35	2x0.37
		POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz				
	FAN	FAN TYPE	Axial type					
		QUANTITY		1	1	1	2	2
		FAN SPEED	RPM	920	920	940	720	920
		AIR FLOW	L/S	2620	2620	3420	3950	5230
	CMH		9434	9434	12314	14222	18831	
	COIL	FIN TYPE	Aluminum Blue Fins					
		ROWS / FIN PER INCH		3/15.88	3/15.88	3/15.88	3/14.0	3/12.7
		FACE AREA	m ² /ft ²	1.44/15.50	1.44/15.50	1.8/19.37	1.98/21.305	2.47/26.577
TUBE MATERIAL	Copper Tubes							
COMPRESSOR	TYPE	Hermetic scroll compressor						
	BRAND		Sanyo	Sanyo	Sanyo	Sanyo	Sanyo	
	QUANTITY		2	2	2	2	2	
	POWER INPUT	kW	3.3+2.8	2x3.8	2x4.5	2x4.9	4.1+7.1	
	POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz					
ANCILLIARIES	Crank case heater							
REFRIGERANT	REFRIGERANT TYPE	R22 (FACTORY CHARGED)						
	CHARGE PER CIRCUIT	Kg	8,1	8,4	10,5	12,0	5+9.2	
	REFRIGERANT CONTROL	Thermal Expansion Valve control						
	QTY OF CIRCUITS		1,0	1	1	2	2	
UNIT DIMENSIONS	LENGTH	mm	1940	1940	2240	2540	2540	
	WIDTH	mm	1390	1390	1390	1860	1860	
	HEIGHT	mm	1045	1045	1045	1045	1195	
	NET WEIGHT	kg	420	460	520	650	755	
PACKING DIMENSIONS	LENGTH	mm	2060	2060	2320	2660	2660	
	WIDTH	mm	1510	1510	1510	1990	1990	
	HEIGHT	mm	1230	1230	1230	1230	1380	
	SHIPPING WEIGHT	kg	540	568	642	834	955	
CASING	MATERIAL - CASING / BASE	High Grade Sheet Steel casing and frame						
	EXTERNAL FINISHING	Weather - proof, polyester epoxy powder electrostatic paint oven - baked finishing						
	COLOUR	White, Code PCTC70105						
CONTROL	INSULATION	1/2ave acoustic insulation 15mm for compressor section. Thermal insulation 10mm for fan section						
	ROOM TEMPERATURE OPERATION	Easy operation Line controller Unit mounted Microprocessor Controller						
SOUND PRESSURE LEVELS	db(A)	70,0	70,0	72,0	72,0	72,0		
AIR FILTER	TYPE	Coarse efficiency Nylon filter						
	SIZE (No.-LxWxH)	mm	2-502x395x8	2-502x395x8	2-502x395x8	2-592x395x8	2-592x470x8	
CONDENSATE DRAIN CONNECTION	in	3/4"	3/4"	3/4"	3/4"	3/4"		
PROTECTION DEVICES	Compressor - external overload protection. Phase protection on compressors. HP/ LP Switches 3 phase fan motors overload protection. Anti-cycle timers for compressors.							

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 - a) COOLING - 27.0°C DB / 19.0°C WB INDOOR AND 35°C DB OUTDOOR
 - b) HEATING - 21.0°C DB INDOOR AND 7.0°C DB / 6.0°C WB OUTDOOR
- 4) ALLOWABLE OPERATING RANGE :
 - a) COOLING - 21.0°C DB / 15.0°C WB INDOOR AND 20.0°C DB OUTDOOR TO 35.0°C DB / 24.0°C WB INDOOR AND 46.0°C DB OUTDOOR
 - b) HEATING - 21.0°C DB / 15.0°C WB INDOOR AND -8.0°C DB OUTDOOR TO 21.0°C DB INDOOR AND 21.0°C DB / 15.0°C WB OUTDOOR
- 5) CAPACITY IS GROSS CAPACITY WHICH DOES NOT INCLUDE A DEDUCTION FOR EVAPORATOR FAN MOTOR HEAT.
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SPECIFICATIONS

MODEL		Heat pump	WRF48Z	WRF64Z	WRF72Z	WRF88Z	WRF104Z	
		Cooling only	WF48Z	WF64Z	WF72Z	WF88Z	WF104Z	
NOMINAL COOLING CAPACITY	kcal/h	46,250.0	54,438.0	61,404.0	74,992.0	88,666.0		
	kW	53.8	63.3	71.4	87.2	103.1		
NOMINAL HEATING CAPACITY	Btu/h	185,000.0	216,041.0	243,686.0	297,611.0	351,870.0		
	kcal/h	49,250.0	57,620.0	65,016.0	80,238.0	163,830.0		
	kW	57.2	67.0	75.6	93.3	109.5		
		Btu/h	197,000.0	228,671.0	258,022.0	318,432.0	373,720.3	
RATED TOTAL POWER CONSUMPTION (COOLING)		kW	16.34	21.50	26.50	31.20	38.30	
RATED TOTAL POWER CONSUMPTION (HEATING)		kW	15.13	19.88	24.10	28.14	34.70	
RATED RUNNING CURRENT (COOLING)		Amps	30.9	39.0	48.3	55.6	69.7	
RATED RUNNING CURRENT (HEATING)		Amps	28.7	36.5	44.9	52.7	66.6	
EER (COOLING) / COP (HEATING)		kW/kW	2.78/3.18	2.85/3.37	2.62/3.05	2.72/3.24	2.65/3.10	
MAXIMUM STARTING CURRENT		Amps	103.9	111.4	114.2	154.1	197.7	
POWER SUPPLY		V/Ph/Hz	380V / 3Ph / 50Hz					
CAPACITY STEPS		%	0, 32, 68, 100	0, 50, 100	0, 50, 100	0, 50, 100	0, 50, 100	
EVAPORATOR SECTION	MOTOR	POWER INPUT	kW	3	3	4	4	5.5
		POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz				
	FAN	FAN TYPE	Forward Curve Centrifugal fan					
		DRIVE TYPE (DIRECT / BELT)	Belt Drive					
		FAN SPEED	RPM	1000	750	850	850	900
		AIR FLOW	L/S	2600	3520	4000	4600	5400
	COIL	AIR FLOW	CMH	9360	12672	14400	16560	19440
		EXTERNAL STATIC PRESSURE	Pa	290	275	380	345	390
		FIN TYPE	Aluminum Fins					
		ROWS / FIN PER INCH	4.0/ 12.7					
CONDENSER SECTION	MOTOR	POWER INPUT	kW	2x0.37	2x0.75	2x0.75	2x1.5	2x1.5
		POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz				
	FAN	FAN TYPE	Axial type					
		QUANTITY		2	2	2	2	2
		FAN SPEED	RPM	920	720	720	720	710
		AIR FLOW	L/S	5230	6840	7890	11670	11670
	COIL	AIR FLOW	CMH	18831	24628	28409	42019	42019
		FIN TYPE	Aluminum Blue Fins					
		ROWS / FIN PER INCH		3/ 15.88	3/12.7	3/12.7	3/14.0	3/12.7
		FACE AREA	m ² /ft ²	2.47/26.577	3.77/40.565	4.68/50.357	4.68/50.357	6.44/69.295
COMPRESSOR	TUBE MATERIAL	Copper Tubes						
	TYPE	Hermetic scroll compressor						
	BRAND		Sanyo	Sanyo	Sanyo	Danfoss	Danfoss	
	QUANTITY		2	2	2	2	2	
	POWER INPUT	kW	4.1+8.5	2x8.5	2x10.5	2x12.2	2x14.9	
	POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz					
REFRIGERANT	ANCILLIARIES	Crank case heater						
	REFRIGERANT TYPE	R22 (FACTORY CHARGED)						
	CHARGE PER CIRCUIT	Kg	5+11	2x11	2x13	2x15	2x18	
	REFRIGERANT CONTROL	Thermal Expansion Valve control						
UNIT DIMENSIONS	QTY OF CIRCUITS		2	2	2	2	2	
	LENGTH	mm	2540	2490	2750	2840	3412	
	WIDTH	mm	1860	2210	2210	2200	2210	
	HEIGHT	mm	1180	1490	1550	1580	1810	
PACKING DIMENSIONS	NET WEIGHT	kg	884	890	980	1160	1450	
	LENGTH	mm	2660	2650	2900	2900	3540	
	WIDTH	mm	1990	2300	2300	2300	2300	
	HEIGHT	mm	1380	1620	1730	1730	1990	
CASING	SHIPPING WEIGHT	kg	1136	1015	1110	1290	1560	
	MATERIAL - CASING / BASE	High Grade Sheet Steel casing and frame						
	EXTERNAL FINISHING	Weather - proof, polyester epoxy powder electrostatic paint oven - baked finishing						
	COLOUR	White, Code PCTC70105						
CONTROL	INSULATION	Wave acoustic insulation 15mm for compressor section. Thermal insulation 10mm for fan section						
	ROOM TEMPERATURE OPERATION	Easy operation Line controller Unit mounted Microprocessor Controller						
SOUND PRESSURE LEVELS	db(A)	75	73	75	75	75		
AIR FILTER	TYPE	Coarse efficiency Nylon filter						
	SIZE (No.-LxWxH)	mm	2-592x470x8	2-757x591x8	3-761x391x8	3-761x391x8	2-756x646x8	
CONDENSATE DRAIN CONNECTION	in	3/4"	3/4"	3/4"	3/4"	3/4"		
PROTECTION DEVICES		Compressor - external overload protection. Phase protection on compressors. HP/ LP Switches 3 phase fan motors overload protection. Anti-cycle timers for compressors.						

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 - a) COOLING - 27.0°C DB / 19.0°C WB INDOOR AND 35°C DB OUTDOOR
 - b) HEATING - 21.0°C DB INDOOR AND 7.0°C DB / 6.0°C WB OUTDOOR
- 4) ALLOWABLE OPERATING RANGE :
 - a) COOLING - 21.0°C DB / 15.0°C WB INDOOR AND 20.0°C DB OUTDOOR TO 35.0°C DB / 24.0°C WB INDOOR AND 46.0°C DB OUTDOOR
 - b) HEATING - 21.0°C DB / 15.0°C WB INDOOR AND -8.0°C DB OUTDOOR TO 21.0°C DB INDOOR AND 21.0°C DB / 15.0°C WB OUTDOOR
- 5) CAPACITY IS GROSS CAPACITY WHICH DOES NOT INCLUDE A DEDUCTION FOR EVAPORATOR FAN MOTOR HEAT.
- 6) REFRIGERANT CHARGE IS APPROXIMATE VALVE.FOR MORE PRECISE VALUE,PLEASE REFER TO THE UNIT NAMEPLATE OR SERVICE INSTRUCTIONS

SPECIFICATIONS

MODEL		Heat pump	WRF120Z	WRF132Z	WRF155Z	WRF170Z	WRF190Z	
		Cooling only	WF120Z	WF132Z	WF155Z	WF170Z	WF190Z	
NOMINAL COOLING CAPACITY	kcal/h	102.168	112.832	131.924	144.996	162.110		
	kW	119	131	153	169	189		
	Btu/h	405.461	447.782	523.549	575.427	643.345		
NOMINAL HEATING CAPACITY	kcal/h	109.048	121.432	141.298	156.520	173.720		
	kW	127	141	164	182	202		
	Btu/h	432.768	481.915	560.755	621.166	689.426		
RATED TOTAL POWER CONSUMPTION (COOLING)		kW	46,10	49,70	56,70	65,40	75,48	
RATED TOTAL POWER CONSUMPTION (HEATING)		kW	42,90	45,70	50,70	59,28	69,40	
RATED RUNNING CURRENT (COOLING)		Amps	86,5	90,9	105,7	116,0	142,7	
RATED RUNNING CURRENT (HEATING)		Amps	82,0	86,2	100,5	111,0	136,1	
EER (COOLING) / COP (HEATING)		kW/kW	2.57/2.96	2.64/3.09	2.65/3.16	2.51/3.0	2.46/2.85	
MAXIMUM STARTING CURRENT		Amps	161	166	183	192	243	
POWER SUPPLY		V/Ph/Hz	380V / 3Ph / 50Hz					
CAPACITY STEPS		%	0, 25, 50, 75, 100					
EVAPORATOR SECTION	MOTOR	POWER INPUT	kW	7,5	7,5	7,5	11	15
		POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz				
	FAN	FAN TYPE	Forward Curve Centrifugal fan					
		DRIVE TYPE (DIRECT / BELT)	Belt Drive					
		FAN SPEED	RPM	800	800	800	850	740
		AIR FLOW	L/S	6120	6750	8100	9200	10200
	COIL	AIR FLOW	CMH	22032	24300	29160	33120	36720
		EXTERNAL STATIC PRESSURE	Pa	390	385	360	420	430
		FIN TYPE	Aluminum Fins					
		FACE AREA	m ² /ft ²	2.52/27.115	2.73/29.375	3.35/36.046	3.77/40.565	4.09/44.009
CONDENSER SECTION	MOTOR	POWER INPUT	kW	4x0.75	4x0.75	4x1.5	4x1.5	4x1.5
		POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz				
	FAN	FAN TYPE	Axial type					
		QUANTITY		4	4	4	4	4
		FAN SPEED	RPM	940	940	720	720	720
		AIR FLOW	L/S	13670	13670	22200	21600	20500
	COIL	AIR FLOW	CMH	49220	49220	79933	77773	73812
		FIN TYPE	Aluminum Blue Fins					
		ROWS / FIN PER INCH		3/14.0	3/14.0	4/12.7	4/14.0	4/14.0
		FACE AREA	m ² /ft ²	6.44/69.295	7/75.32	7/75.32	7/75.32	7/75.32
COMPRESSOR	TUBE MATERIAL	Copper Tubes						
	TYPE	Hermetic scroll compressor						
	BRAND		Danfoss	Danfoss	Danfoss	Danfoss	Danfoss	
	QUANTITY		4	4	4	4	4	
	POWER INPUT	kW	4x8.9	4x9.8	4x10.8	4x12.2	4x13.62	
	POWER SUPPLY	V/Ph/Hz	380V / 3Ph / 50Hz					
REFRIGERANT	ANCILLIARIES	Crank case heater						
	REFRIGERANT TYPE	R22 (FACTORY CHARGED)						
	CHARGE PER CIRCUIT	Kg	2x22.5	2x24	2x26.5	2x30	2x35	
	REFRIGERANT CONTROL	Thermal Expansion Valve control						
UNIT DIMENSIONS	QTY OF CIRCUITS		2	2	2	2	2	
	LENGTH	mm	4700	5200	5500	5800	5880	
	WIDTH	mm	2230	2230	2230	2230	2230	
	HEIGHT	mm	1590	1640	1720	1720	2010	
	NET WEIGHT	kg	1910	2010	2280	2460	2530	
PACKING DIMENSIONS	LENGTH	mm	4800	5300	5680	5880	6000	
	WIDTH	mm	2300	2300	2300	2300	2300	
	HEIGHT	mm	1790	1790	1900	1900	2200	
	SHIPPING WEIGHT	kg	2040	2150	2425	2610	2680	
CASING	MATERIAL - CASING / BASE	High Grade Sheet Steel casing and frame						
	EXTERNAL FINISHING	Weather - proof, polyester epoxy powder electrostatic paint oven - baked finishing						
	COLOUR	White, Code PCTC70105						
	INSULATION	Wave acoustic insulation 15mm for compressor section. Thermal insulation 10mm for fan section						
CONTROL	ROOM TEMPERATURE OPERATION	Easy operation Line controller						
		Unit mounted Microprocessor Controller						
SOUND PRESSURE LEVELS		db(A)	80	80	80	82	82.5	
AIR FILTER	TYPE	Coarse efficiency Nylon filter						
	SIZE (No.-LxWxH)	mm	9-581x400x8	9-681x400x8	12-585x397	12-660x397x8	9-495x765	
CONDENSATE DRAIN CONNECTION		in	3/4"	3/4"	3/4"	3/4"	3/4"	
PROTECTION DEVICES		Compressor - external overload protection. Phase protection on compressors. HP/LP Switches 3 phase fan motors overload protection. Anti-cycle timers for compressors.						

- 1) ALL SPECIFICATIONS ARE SUBJECTED TO CHANGE BY THE MANUFACTURER WITHOUT PRIOR NOTICE.
- 2) ALL UNITS ARE TESTED AND COMPLY WITH INTERNATIONAL STANDARD
- 3) NOMINAL COOLING CAPACITY IS BASED ON THE CONDITIONS BELOW :
 - a) COOLING - 27.0°C DB / 19.0°C WB INDOOR AND 35°C DB OUTDOOR
 - b) HEATING - 21.0°C DB INDOOR AND 7.0°C DB / 6.0°C WB OUTDOOR
- 4) ALLOWABLE OPERATING RANGE :
 - a) COOLING - 21.0°C DB / 15.0°C WB INDOOR AND 20.0°C DB OUTDOOR TO 35.0°C DB / 24.0°C WB INDOOR AND 46.0°C DB OUTDOOR
 - b) HEATING - 21.0°C DB / 15.0°C WB INDOOR AND -8.0°C DB OUTDOOR TO 21.0°C DB INDOOR AND 21.0°C DB / 15.0°C WB OUTDOOR
- 5) CAPACITY IS GROSS CAPACITY WHICH DOES NOT INCLUDE A DEDUCTION FOR EVAPORATOR FAN MOTOR HEAT.
- 6) REFRIGERANT CHARGE IS APPROXIMATE VALVE.FOR MORE PRECISE VALUE,PLEASE REFER TO THE UNIT NAMEPLATE OR SERVICE INSTRUCTIONS