



INDUSTRIAL / COMMERCIAL WATER CHILLER IPT | PST | SLT | OLT Series



D.I.T WATER CHILLER

The Evolution Of Perfection – IPT Series

The new IPT air-cooled chillers, specifically designed for use in industrial applications, are compact units equipped, as standard, with an internal storage tank and pump, offering a tried and tested solution that has received worldwide acclaim. "IPT" chillers guarantee energy efficiency levels at the top of the category.

The innovation evaporator-in-tank configuration ensures reduced ambient heat gain and a steady temperature of the process fluids.

The use of components sourced from premium manufacturers and extensive factory testing of all units make for the highest reliability levels, minimizing the risks of unplanned stoppages and increasing productivity levels. An extensive range of accessories, coupled with operating limits among the most generous available on the market, allow "IPT" to be personalized to a variety of industrial applications.



High Quality Refrigerant Compressor

Hermetic, Suction gas is cooled and protected against thermal and current overload. The compressor is mounted on anti-vibration rubber supports to ensure quite running of the chiller.

COPELAND | HITACHI | MITSUBISHI

*Compressor brands vary from model to model.



Axial Fans

The axial fans are directly coupled to the electric motor. External rotor type with special water tight bearings that are free from servicing and incorporate thermal protection.

Te fans blades have a haul profile that are dynamically and statically balanced and are equipned with an accident prevention grill on the air inlet.



Easy to Operate CAREL Control Panel

The advance digital display allows DIT's chiller operation to be easily monitored at a glance.

Axial Fans

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Stainless Steel Internal Water TankHigh capacity internal water tank

Stainless Steel Plate Heat Exchanger

- UL / CE / PED Certified
- Long life time durability
- Corrosion Resistant
- High Thermal Transfer Efficiancy
- Compact
- Easy Installation
- Proven and Reliable Quality
- Flexible Flows and Temp / Monitor Option

IIII High Quality Scroll Compressor

Hermetic, suction gas is cooled and protected against thermal and current overloads. the compressor is mounted on anti-vibration rubber supports to ensure quiet running of the chiller.

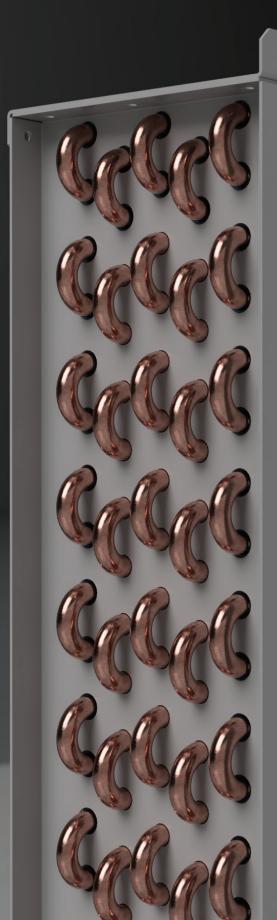
IIII Powerful Blue Fin Air Condenser

DIT's large surface area heat exchanger contributes to higher performance on our water chillers when compaired to other machines on the market.

Our anti-corrosive blue fins protect the condenser coils from different types of corrosion caused due to moisture, humidity, harsh weather conditions.

While improving the heat transfer process and increasing the cooling capacity, The blue-fin technology enhances the durability and longevity of DIT's Air Chillers.

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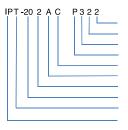


Technical Specifications: IPT Series - Air Cooled

MOD	DEL #	Α	015	021	031	051	081	101	121	152	202	252	302
Tempearature I	Range	C			Am	bient Temp.	+10~37 °C;	Chiller Terr	np. +7 ~ 20 °	°C			
Refrigerant Car	a a a itu	Kw	5.3	7.1	10.6	17.5	26.5	35.1	45.3	52.2	73.1	89.8	105
neingerant Oa	Jaony	Kcal	4,500	6,100	9,000	15,000	22,800	30,000	38,900	46,800	62,800	77,200	90,000
Power Input		Kw	1.9	2.5	3.3	5.9	10.3	11	12	17	25	30	33
Current		А	8	12	6.6	10	15	20	26	30	42	50	60
Fan type	Axial Fan	no.	1	1	1	1	2	2	2	3	3	3	4
гап туре	Air Flow Rate	m³/h	2,300	3,400	5,200	6,500	5,200x2	6,500x2	8,400x2	8,400x2	1,320x2	1,320x2	1,320x3
	Weight	Kg	140	180	220	270	420	580	720	860	940	1,360	1,570
Dimensions	Length	mm	6	650		00		990		9	90	9	90
Dimensions	Width	mm	8	30	9	80		1,280		1,9	930	2,	580
	Hight	mm	1,3	320	1,6	690	2,100			2,100		2,	100
Tank Capacity		L	30	30	70	70	160	160	160	300	300	450	450
Water Folw Rat	te	L/min	15	20	30	50	85	100	130	180	210	250	320
Connect Size		inch	1/2"	1/2"	1"	1"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2-1/2"	2-1/2"
Standard Pump	o (2,5 bar)	HP	0.5	0.75	1	1	1.2	2	2	3	3	4	4
Max. Operating	Current	Amp.	10	16	9	13	20	26	34	39	55	65	78
Circuit Quantity	,	Qty				1					2		3
Capacity Step 0	Control	%				0 / 100					0 / 50 / 100		0 / 33 / 66 / 100
Power Source		50Hz	1ph / 22	20-230V				31	oh / 380-420	V			
Compressor Ty	rpe	-					н	ermetic Scro	oll				
Condenser Typ	e	-				\$	Shell & Tube	e / Heat Exc	hanger Plate	э			
Refrigerant		-				F	22 / R407c	/ R134 & R4	410 Optiona	ıl			
Safety devices		-			0	n / Low Pres Compressor							

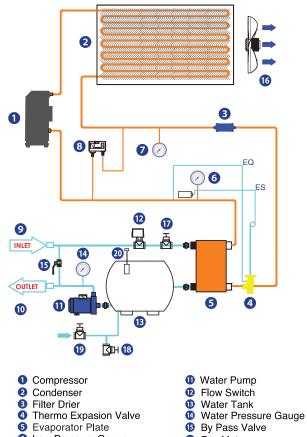
MODE	EL #	Α	353	403	504	604
Tempearature	Range	°C	Ambient Terr	ıp. +10~37 °C;	Chiller Temp.	+7 ~ 20 °C
Cooling Capaci	t) /	kW	116	137	179	211
Cooling Capaci	ty	Kcal	99,760	117,820	153,940	181,460
Power Input		kW	36	48	50	55
Current		А	67	84	100	106
Fan type	Axial Fan	Qty	5	5	4	4
гантуре	Air Flow Rate	m³⁄h	1,320x3	1,320x3	1,320x4	1,320x6
	Weight	Kg	1,860	2,000	2,400	2,600
Dimensions	Length	mm	99	1,860 2,000 2,400 2,60 990 2,000 2,000 2,00	2,000	
Dimensions	Width	mm	3,3	300	2,140	181,460 181,460 106 2,55 2,600 2,600 2,2,000 2,140 2,500 600 650 3" 7.5 138
	Hight	mm	2,1	150	2,500	2,500
Tank Capacity		L	450	450	600	600
Water Flow Rat	te	L/min	360	420	510	650
Connect Size		inch	3"	3"	3"	3"
Standard Pump	o (2,5 bar)	HP	4	5.5	5.5	7.5
Max. Operating	Current	Amp.	87	109	130	138
Circuit Quantity	,	Qty	;	3	4	1
Capacity Step 0	Control	%	0 / 33 /	66 / 100	0 / 25 / 50	/ 75 / 100
Power Source		50Hz		3 ph / 38	0-420V	
Compressor Ty	rpe	-		Hermetic	c Scroll	
Refrigerant		-	R22	/ (Option) F	R134a / R40)7c

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Pump hp 0=no pump 0.5 / 0.75 / 1 / 1.2 / 1.5 / 2 / 2.5 / 3 /... Refrigerant 2=R22 / 3=R134a / 4=R407c Power source 1=1ph / 230v / 3=3ph380-420v Chiller Type P=Plate / S=shell and tube / T=tube Water Tank Type C=close / O=open Air Cooled Chiller series Circuit Quantity 1/2/3/4 Cooling Capacity Tons Type T=Water supply / E=Water absorption IP=Built-in water tank



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Low Pressure Gauge

 Chiller Water Inlet Chiller Water Outlet

High Pressure Gauge
High / Low Pressure Switch

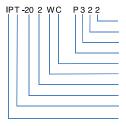
- - By Pass Valve

 - Image: Fan MotorsImage: Air Purge Valve
 - B Discharge Valve
 Water Load Change
 Level Regulator

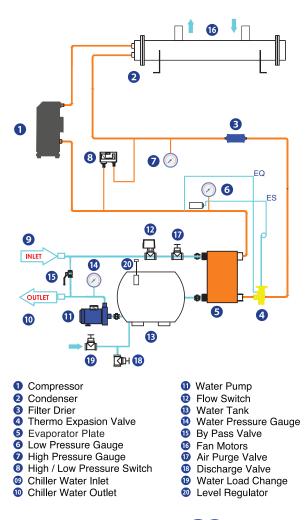
Technical Specifications: IPT Series - Water Cooled

MODE			031	051	081	101	121	151	202	252	302	353	403
Temperature Ra	ange	°C			Am	bient Temp	+10~37 °C	Chiller Tem	np. +7 ~ 20 °	С			
Cooling Capacit		kW	11	19	27	35	42	50	70	85	102	127	139
Cooling Capacity	у	Kcal	9,460	16,340	23,220	30,100	36,120	43,000	60,200	73,100	87,720	109,220	119,540
Power Input		kW	3.1	4.3	5	7	8	11	14	15	22	21	24
Current		Amp.	4.6	7.8	7.8 11 15 18 23 27 28		28	46	40	49			
Water Cooled	Connect	inch	1"	1"	2"	2"	2"	2"	2"	2"	2"	2-1/2"	2-1/2"
Water Cooled	Water Flow	L/mim	50	65	110	150	170	220	280	330	400	440	480
	Weight	Kg	185	225	460	530	570	610	740	860	950	1,125	1,300
Dimensions	Length	mm	7	760		9	90			990		990	
Dimensions	Width	mm	7-	40	1,280					1,930	2,580		
	Hight	mm	9	80		1,	400		1,400			1,400	
Tank Capacity		L	70	70	160	160	160	300	300	300	300	450	450
Water Flow		L/min	30	50	85	100	130	180	210	250	320	360	420
Connect Size		Inch	1"	1"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2-1/2"	2-1/2"	3"	3"
Standard Pump	(2,5 bar)	HP	0.75	1	1.2	2	2	3	3	4	4	4	5.5
Max. Operating	Current	Amp.	6	10	14	20	23	30	35	36	60	52	64
Circuit Quantity		Qty			1			1 (2)				;	3
Capacity Step C	ontrol	%			0 / 100				0 / 100 (0 /	50 / 100)		0 / 33 / 0	86 / 100
Compressor Typ	be	-					н	ermetic Scr	oll				
Refrigerant		-				I	R22 / R407c	/ R134 & R	410 Optiona	l			
Power Source		50Hz					3 ph /	380-420V /	50Hz				
Safety devices		-			0			·	e Switch, Th verse Relay				

MODE	EL #	W	503	603	703	803
Temperature Ra	ange	°C				
Cooling Capacit	h <i>i</i>	kW	169	211	264	285
Cooling Capaci	ly	Kcal	145,340	181,460	227,040	245,100
Power Input		kW	26	36	42	48
Current		Amp.	57	67	84	102
Water Cooled	Connect	Inch	3"	4"	4"	4"
Mater Cooled		L/min	600	700	800	900
	Weight	Kg	1,500	1,750	1,980	2,230
Dimensions	Length	mm	99	90	99	90
Dimensions	Width	mm	2,5	80	2,5	80
	Hight	mm	1,6	50	1,6	50
Tank Capacity		L	550	550	700	700
Water Flow Rat	е	L/min	510	650	680	870
Connect Size		Inch	3"	3"	4"	4"
Standard Pump	(2,5 bar)	HP	5.5	7.5	7.5	7.5
Max. Operating	Current	Amp.	74	87	109	133
Circuit Quantity		Qty		:	3	
Capacity Step		%		0 / 33 /	66 / 100	
Compressor Ty	ре	-		Hermet	ic Scroll	
Refrigerant		-	R2:	2 / (Option)	R134a / R4	07c
Power Source		50Hz		3 ph / 3	80-420V	



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D.I.T WATER CHILLER

Benefits of SLT, PST Series

- Maximum exploitation of free cooling and maximum energy efficiency of the system with respect to conventional solutions, thanks to the independence of the coils in terms of air handling
- Accurate control of water outlet temperature
- Generous sizing of coils for free-cooling
- Operates at high ambient temperatures thanks to the compressor unloading
- Quiet operation
- User friendly control section with a simple readout
- Simple to install and maintain, easily accessible components
- Environmental friendly, with zero ODP refrigerant R407C/ R-134a
- High EER values, especially at partial loads



High Quality Refrigerant Compressor

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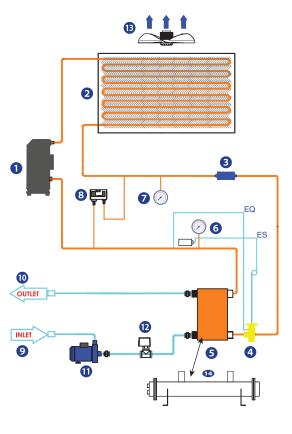
Easy to Operate CAREL Control Panel

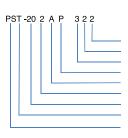
The advance digital display allows DIT's chiller operation to be easily monitored at a glance.

Technical Specifications: PST / SLT Series - Air Cooled

MODE	EL #	Α	031	051	081	101	121	152	202	252	302	353	403
Temperature Ra	ange	°C				Ambient T	emp. +10~3	7 °C; Chiller	Temp. +7 ~	- 20 °C			
Cooling Capacit	W	kW	10.6	17.5	26.5	35.1	45.3	52.2	73.1	89.8	105	116	137
Cooling Capacit	y	Kcal	9,000	15,000	22,800	30,000	38,900	44,800	62,800	77,200	90,000	99,760	117,820
Power Input		kW	3.3	5.9	8.5	10.3	12	17	25	30	33	36	48
Current		Amp.	6.6	6.6 10 15 18		26	30	42	50	60	67	84	
Fan Type	Axial Fan	Qty	1	1	2	2	2	3	3	3	4	5	5
гантуре	Air Flow Rate	m³/h	5,200	6,500	5,200x2	6,500x2	8,400x2	6,500x3	8,400x3	8,400x4	8,400x4	8,400x5	8 4,00x5
	Weight	Kg	220	270	420	580	720	860	940	1,360	1,570	1,860	2,000
Dimensions	Length	mm	80	00		990 (990)			990 (990)		990	9	90
Dimensions	Width	mm	98	80		1280 (1580)		1930 (2580)			2580	33	00
	Hight	mm	16	50	2100 (1400)			2100 (1400)			2100	21	50
Water Flow rate		L/min	30	50	85	100	130	180	210	250	320	360	420
Connect Size		inch	1"	1"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2-1/2"	2-1/2"	3"	3"
Standard Pump	(2,5 bar)	HP	1	1	1.2	2	2	3	3	4	4	4	5.5
Max. Operating	Current	Amp.	9	13	23	26	34	39	55	65	78	87	109
Circuit Quantity		Qty							2	2		(3
Capacity Step C	Control	%			0 / 100				0 / 50 /	/ 100		0 / 33/ 6	6 / 100
Power Source		50Hz					3 pł	n / 380-420V	,				
Compressor Typ	ре	-					Her	metic Scroll					
Refrigerant		-				R2	2 / R407c /	R134 & R41	0 Optional				
Safety Devices		-			0	/ Low Press compressor	,		· · ·				

MODE	EL #	Α	504	604	704	804	1004				
Temperature Ra	ange	°C	Amb	ient Temp. +10)~37 °C; Chi ll e	r Temp. +7 ~ 2	20 °C				
Cooling Capacit	V	kW	179	211	239	274	359				
Cooling Capacit	у	Kcal	153,940	181,460	205,540	235,640	308,740				
Power Input		kW	50	55	65	79	99				
Current		Amp. 100 106 115 143									
Fan Type	Axial Fan	Qty	4	4	6	6	8				
i all type	Air Flow Rate	m³⁄h	15,600x4	15,600x4	15,600x6	15,600x6	15,600x8				
	Weight	Kg	2,400	2,600	2,800	3,000	3,800				
Dimensions	Length	mm	2,000								
Dimensions	Width	mm	2,1	40	3,8	3,840					
	Hight	mm	2,5	00	2,5	00	2,500				
Water Flow Rate	Э	L/min	510	650	720	870	1,050				
Connect Size		inch	3"	3"	4"	4"	4"				
Max. Operating	Current	Amp.	130	138	150	186	234				
Standard Pump	(2,5 bar)	HP			(Option)						
Circuit Quantity		Qty			4						
Capacity Step C	ontrol	%		0 / 2	5 / 50 / 75 /	100					
Power Source		50Hz		3	oh / 380-420	V					
Compressor Typ	be	-		н	ermetic Scro	bll					
Refrigerant		-		R22 / (O	ption) R134a	a / R407c					





Pump hp 0=no pump 0.5 / 0.75 / 1 / 1.2 / 1.5 / 2 / 2.5 / 3 /... Refrigerant 2=R22 / 3=R134a / 4=R407c Power source 1=1ph / 230v / 3=3ph380-420v Chiller Type P=Plate Air Cooled Chiller series Circuit Quantity 1 / 2 / 3 / 4 Cooling Capacity Tons Type T=Water supply / E=Water absorption PS=Plate Compressor
 Condenser
 Filter Drier
 Thermo Expasion Valve
 Evaporator Plate (Available on PST Models)
 Low Pressure Gauge
 High Pressure Gauge
 High / Low Pressure Switch

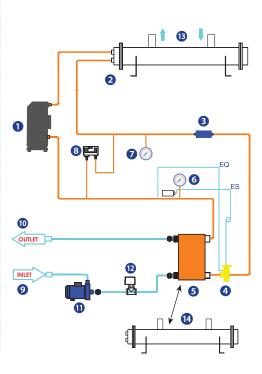
Chiller Water Inlet
Chiller Water Outlet
Water Pump (030~403)
Flow Switch

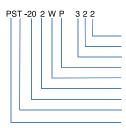
- B Fan MotorsA Shell and Tube Evaporator
 - (Available on SLT Models)

Technical Specifications: PST / SLT Series - Water Cooled

MODE	EL #	W	031	051	081	101	121	151	202	252	302	353	403
Temperature Ra	ange	°C			A	mbient Tem	p. +10~37 °(C; Chiller Te	mp. +7 ~ 20	°C			
Cooling Capaci	hz	kW	11	19	27	35	42	50	70	85	102	127	139
Cooling Capaci	Ly	Kcal	9,460	16,340	23,220	30,100	36,120	43,000	60,200	73,100	87,720	109,220	119,540
Power Input		kW	3.1	4.3	5	7	8	11	14	15	22	21	24
Current		Amp.	4.6	7.8	11	15	18	23	27	28	28 46 40		49
Water Cooled	Connect	inch	1" 1"		1"	1"	1"	1"	2"	2"	2-1/2"	1"x3	1"x2
Water Cooleu	Water Flow	L/mim	50	65	110	150	170	220	280	330	400	440	480
	Weight	Kg	165	165 205		500	530	580	700	810	900	960	1,020
Dimensions	Length	mm	6	00		6	00			600		800	
Dimensions	Width	mm	60	00		800				1,000			00
	Hight	mm	70	00	800				800			1,400	
Water Folw rate)	L/min	30	50	85	100	130	180	210	250	300	360	420
Connect Size		inch	1"	1"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2-1/2"	2-1/2"	2-1/2"	2-1/2"
Standard Pump	(2,5 bar)	HP	0.75	1	1.2	2	2	3	3	4	4	4	5.5
Max. operating	current	Amp.	6	10	14	20	23	30	35	36	60	52	64
Circuit Quantity		Qty				1			2			0	3
Capacity Step C	Control	%			0 /	100				0 / 50 / 100		0 / 33/ 6	6 / 100
Compressor Ty	ре	-					н	lermetic Scro	oll				
Condenser Type	e						Shell & Tube	e / Heat Excl	nanger Plate	9			
Refrigerant		-				I	R22 / R407c	: / R134 & R	410 Optiona	al			
Power Source		50Hz					3 ph /	/ 380-420V /	50Hz				
Safety devices		-			0	h / Low Pres Compresso							

MODE	EL #	Α	503	603	703	803	1004	1254				
Temperature Ra	ange	°C		Ambient Te	mp. +10~37 °C	; Chiller Temp	. +7 ~ 20 °C					
Cooling Capacity		kW	169	211	264	285	351	439				
Cooling Capacity		Kcal	153,940	181,460	205,540	235,640	308,740	377,540				
Power Input		kW	26	36	42	48	56	74				
Current		Amp. 57 67 84 102 112										
Water Cooled	Connect	Inch	1-1/2"x3	1-1/2"x3	1-1/2"x4	1-1/2"x4						
Water Cooled	Water Flow	L/min	600	1,100	1,300							
	Weight	Kg	1,150	1,380	1,570	1,780	1,860	1,930				
Dimensions	Length	mm		990								
Dimensions	Width	mm		1,2	280		1,930					
	Hight	mm		1,4	100		1,4	100				
Water Flow Rate		L/min	510	650	720	870	1,050	1,200				
Connect Size		inch	3"	3"	4"	4"	4"	5"				
Max. Operating C	urrent	Amp.	74	87	109	133	146	179				
Standard Pump (2	2,5 bar)	HP			(Opt	tion)						
Circuit Quantity		Qty			3			4				
Capacity Step Co	ntrol	%		0 / 33 / 6	6 / 100		0 / 25 / 50	/ 75 / 100				
Power Source		50Hz			3 ph / 38	30-420V						
Compressor Type	ı	-			Hermeti	c Scroll						
Refrigerant		-		R22	2 / (Option)	R134a / R4	07c					





Pump hp 0=no pump 0.5 / 0.75 / 1 / 1.2 / 1.5 / 2 / 2.5 / 3 /... Refrigerant 2=R22 / 3=R134a / 4=R407c Power source 1=1ph / 230v / 3=3ph380-420v Chiller Type P=Plate Water Cooled W=shell and tube Circuit Quantity 1/2/3/4 Cooling Capacity Tons Type T=Water supply / E=Water absorption PS=Plate

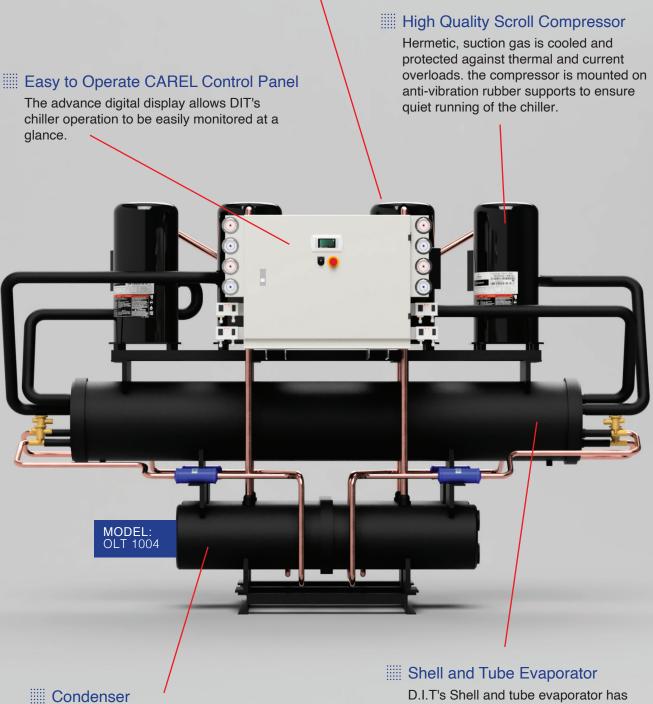


- Ohiller Water Inlet Ochiller Water Outlet
- Water PumpFlow Switch
- B Water Cooling
- Ishell and Tube Evaporator (Available on SLT Models)



Im Highly Efficianent and Energy Saving

Running a multiple refrigerant compressor circuit allows for efficient power usage as only the required number of compressors will be working depending on the input/output required.



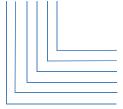
High-performance water-cooled condenser that has a highly efficient output.

D.I.T's Shell and tube evaporator has efficient and reliable heat transfer and compact structure. The refrigerant flows in the copper tube while the chilled water flows out.

Technical Specifications: OLT Series - Water Cooled

III O D L	L#	w	051	081	101	121	151	202	252	302	353
Temperature Ra	nge	°C			Am	bient Temp.	+10~37 °C;	Chiller Tem	np. +7 ~ 20 °	С	
Cooling Capacity	1	kW	19	27	35	42	50	70	85	102	127
Cooling Capacity	y	Kcal	16,340	23,220	30,100	36,120	43,000	60,200	73,100	87,720	109,220
Power Input		kW	4.3	5	7	8	11	14	15	22	21
Current		Amp.	7.8	11	15	18	23	27	28	46	40
Water Cooled	Connect	inch	1"	2"	2"	2"	2"	2"	85 102 85 102 73,100 87,720 15 22 28 46 2" 2" 330 400 620 670 0 1,300 00 1,217 250 320 2-1/2" 4 4 4 36 60 1 (2) 2 20 (0 / 50 / US) 1 Vater FIOUS Switch 1254 1604 '~ 20 °C 562		21⁄2"
Water Oblied	Water Flow	L/mim	65	110	150	170	220	280	330	400	440
	Weight	Kg	310	365	350	370	410	590	620	670	1,000
Dimensions	Length	mm	60	00		650		62	20	1,300	650
Dimensions	Width	mm	1,4	-50		1,500		1,7	700	1,800	1,850
	Hight	mm	1,1	00		1,200		1,2	200	1,217	1,600
Water Flow		L/min	50	85	100	130	180	210	250	320	330
Connect Size		Inch	1"	1-1/2"	1-1/2"	1-1/2"	2"	2"	2-1/2"	2-1/2"	21⁄2"
Standard Pump	(2,5 bar)	HP	1	1.2	2	2	3	3	4	4	Optional
Max. Operating	Current	Amp.	10	14	20	23	30	35	36	60	52
Circuit Quantity		Qty			1				1 (2)		3
Capacity Step C	ontrol	%			0 / 100			0 / 1	00 (0 / 50 / -	100)	0 / 33 / 66 / 100
Compressor Typ	e	-				Н	ermetic Scr	oll			
Refrigerant		-			F	R22 / R407c	/ R134 & R	410 Optiona	al		
Power Source		50Hz				3 ph /	380-420V /	50Hz			
Safety devices		-									
MODE	L #	W	403	503	603	703	803	1004	1254	1604	2004
MODE Temperature Ra		₩ ℃	403	503		703 Temp. +10				1604	2004
Temperature Ra	nge		403 139	503 169					7 ~ 20 °C		2004 703
	nge	°C			Ambient	Temp. +10	~37 °C; Chil	ller Temp. +	7 ~ 20 °C 439		
Temperature Ra	nge	°C kW	139	169	Ambient 211	Temp. +10 264	~37 °C; Chil 285	ller Temp. + 351	7 ~ 20 °C 439 377,540	562 483,320	703
Temperature Ra	nge	°C kW Kcal	139 119,540	169 145,340	Ambient 211 181,460	Temp. +10 264 227,040	~37 °C; Chil 285 245,100	ller Temp. + 351 301,860	7 ~ 20 °C 439 377,540 74	562 483,320 96	703 604,580
Temperature Ra Cooling Capacity Power Input Current	nge	°C kW Kcal kW	139 119,540 24	169 145,340 26	Ambient 211 181,460 <u>36</u>	Temp. +10 264 227,040 42	~37 °C; Chil 285 245,100 48	ller Temp. + 351 301,860 56	7 ~ 20 °C 439 377,540 74 138	562 483,320 96 178	703 604,580 112
Temperature Ra Cooling Capacity Power Input	nge /	°C kW Kcal kW Amp.	139 119,540 24 49	169 145,340 <u>26</u> 57	Ambient 211 181,460 <u>36</u> 67	Temp. +10 264 227,040 42 84	~37 °C; Chil 285 245,100 48 102	ler Temp. + 351 301,860 56 112	7 ~ 20 °C 439 377,540 74 138	562 483,320 96 178	703 604,580 112 224
Temperature Ra Cooling Capacity Power Input Current	nge / Connect	°C kW Kcal kW Amp. inch	139 119,540 24 49 2½"	169 145,340 26 57 3"	Ambient 211 181,460 36 67 3"	Temp. +10 264 227,040 42 84 4"	~37 °C; Chil 285 245,100 48 102 4"	ler Temp. + 351 301,860 56 112 3"x2	7 ~ 20 °C 439 377,540 74 138 4"x2	562 483,320 96 178 4"x2	703 604,580 112 224 4"x2
Temperature Ra Cooling Capacity Power Input Current Water Cooled	nge Connect Water Flow	°C kW Kcal kW Amp. inch	139 119,540 24 49 2½" 480	169 145,340 26 57 3" 600	Ambient 211 181,460 36 67 3" 700 1,670	Temp. +10 264 227,040 42 84 4" 800	-37 °C; Chil 285 245,100 48 102 4" 900 2,000	ller Temp. + 351 301,860 56 112 3"x2 1,200 2,790	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400	562 483,320 96 178 4"x2 1,800	703 604,580 112 224 4"x2 2,200 4,850
Temperature Ra Cooling Capacity Power Input Current	nge Connect Water Flow Weight	°C kW Kcal kW Amp. inch L/mim	139 119,540 24 49 2½" 480 1,150	169 145,340 26 57 3" 600 1,450	Ambient 211 181,460 36 67 3" 700 1,670 50	Temp. +10 264 227,040 42 84 4" 800 1,890	-37 °C; Chil 285 245,100 48 102 4" 900 2,000	ller Temp. +' 351 301,860 56 112 3"x2 1,200 2,790 95	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000	562 483,320 96 178 4"x2 1,800 3,780 1,2	703 604,580 112 224 4"x2 2,200 4,850
Temperature Ra Cooling Capacity Power Input Current Water Cooled	nge Connect Water Flow Weight Length	°C kW Kcal kW Amp. inch L/mim Kg mm	139 119,540 24 49 2½" 480 1,150 650	169 145,340 26 57 3" 600 1,450	Ambient 211 181,460 36 67 3" 700 1,670 50 580	Temp. +10 264 227,040 42 84 4" 800 1,890 80	-37 °C; Chil 285 245,100 48 102 4" 900 2,000 00	ler Temp. + 351 301,860 56 112 3"x2 1,200 2,790 99 3,5	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000	562 483,320 96 178 4"x2 1,800 3,780 1,2 3,0	703 604,580 112 224 4"x2 2,200 4,850
Temperature Ra Cooling Capacity Power Input Current Water Cooled	nge Connect Water Flow Weight Length Width	C kW Kcal kW Amp. inch L/mim Kg mm	139 119,540 24 49 2½° 480 1,150 650 1,850	169 145,340 26 57 3" 600 1,450 65 2,5	Ambient 211 181,460 36 67 3" 700 1,670 50 580	Temp. +10 264 227,040 42 84 4" 800 1,890 80 3,0	-37 °C; Chil 285 245,100 48 102 4" 900 2,000 00	ler Temp. + 351 301,860 56 112 3"x2 1,200 2,790 99 3,5	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000 90	562 483,320 96 178 4"x2 1,800 3,780 1,2 3,0	703 604,580 112 224 4"x2 2,200 4,850 200
Temperature Ra Cooling Capacity Power Input Current Water Cooled Dimensions	nge Connect Water Flow Weight Length Width	°C kW Kcal kW Amp. inch L/mim Kg mm	139 119,540 24 49 2½" 480 1,150 650 1,850 1,600	169 145,340 26 57 3" 600 1,450 65 2,5 1,6	Ambient 211 181,460 36 67 3" 700 1,670 50 50 50	Temp. +10 264 227,040 42 84 4" 800 1,890 80 3,0 1,890	-37 °C; Chil 285 245,100 48 102 4" 900 2,000 00 50	ller Temp. + 351 301,860 56 112 3"x2 1,200 2,790 99 3,5 3,5 1,8	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000 30 500	562 483,320 96 178 4"x2 1,800 3,780 1,2 3,70 1,2 3,00 1,2 3,00 1,2	703 604,580 112 224 4"x2 2,200 4,850 200 200
Temperature Rate Cooling Capacity Power Input Current Water Cooled Dimensions Water Flow	nge Connect Water Flow Weight Length Width Hight	C kW Kcal kW Amp. inch L/mim Kg mm mm mm	139 119,540 24 49 2½" 480 1,150 650 1,850 1,600 400	169 145,340 26 57 3" 600 1,450 65 2,5 1,6 500	Ambient 211 181,460 36 67 3" 700 1,670 50 50 50 50 50 50 50 50 50 50 50 50 50	Temp. +10 264 227,040 42 84 4" 800 1,890 80 3,0 1,8 660	-37 °C; Chil 285 245,100 48 102 4" 900 2,000 00 2,000 00 50 800	ller Temp. +' 351 301,860 56 112 3"x2 1,200 2,790 99 3,5 1,8 1,000	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000 300 350 1,200	562 483,320 96 178 4"x2 1,800 3,780 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00	703 604,580 112 224 4"x2 2,200 4,850 200 50 2,000
Temperature Rat Cooling Capacity Power Input Current Water Cooled Dimensions Water Flow Connect Size	nge Connect Water Flow Weight Length Width Hight	C kW kcal kW amp. inch L/mim Kg mm mm mm ty mm	139 119,540 24 49 2½" 480 1,150 650 1,850 1,600 400	169 145,340 26 57 3" 600 1,450 65 2,5 1,6 500	Ambient 211 181,460 36 67 3" 700 1,670 50 50 50 50 50 50 50 50 50 50 50 50 50	Temp. +10 264 227,040 42 84 4" 800 1,890 80 3,0 1,8 660	-37 °C; Chil 285 245,100 48 102 4" 900 2,000 00 50 800 4"	ller Temp. +' 351 301,860 56 112 3"x2 1,200 2,790 99 3,5 1,8 1,000	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000 500 500 1,200	562 483,320 96 178 4"x2 1,800 3,780 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00	703 604,580 112 224 4"x2 2,200 4,850 200 50 2,000
Temperature Rate Cooling Capacity Power Input Current Water Cooled Dimensions Water Flow Connect Size Standard Pump	nge Connect Water Flow Weight Length Width Hight	C kW kcal kW Amp. inch L/mim Kg mm Kg mm mm	139 119,540 24 49 2½" 480 1,150 650 1,850 1,850 1,600 400 2½"	169 145,340 26 57 3" 600 1,450 65 2,5 1,6 500 3"	Ambient 211 181,460 36 67 3" 700 1,670 50 50 50 600 3" 3" 87	Temp. +10 264 227,040 42 84 4" 800 1,890 80 3,0 1,890 80 3,0 1,8 660 4"	-37 °C; Chil 285 245,100 48 102 4" 900 2,000 00 50 800 4" Optional	ller Temp. + 351 301,860 56 112 3"x2 1,200 2,790 95 3,5 1,8 1,000 4"	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000 30 50 1,200 5"	562 483,320 96 178 4"x2 1,800 3,780 1,2 3,780 1,2 3,00 1,2 3,00 1,2 3,00 5"	703 604,580 112 224 4"x2 2,200 4,850 200 200 550 2,000 5"
Temperature Rate Cooling Capacity Power Input Current Water Cooled Dimensions Water Flow Connect Size Standard Pump Max. Operating	nge Connect Water Flow Weight Length Width Hight (2,5 bar) Current	C KW Kcal Amp. Inch L/mim Kg mm Kg mm Kg Inch HP	139 119,540 24 49 2½" 480 1,150 650 1,850 1,850 1,600 400 2½"	169 145,340 26 57 3" 600 1,450 65 2,5 1,6 500 3"	Ambient 211 181,460 36 67 3" 700 1,670 50 50 50 600 3" 80 50 50 50 50 50 50 50 50 50 50 50 50 50	Temp. +10 264 227,040 42 84 4" 800 1,890 80 3,0 1,890 80 3,0 1,8 660 4"	-37 °C; Chil 285 245,100 48 102 4" 900 2,000 00 50 800 4" Optional	ller Temp. + 351 301,860 56 112 3"x2 1,200 2,790 95 3,5 1,8 1,000 4"	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000 90 500 1,200 5" 179	562 483,320 96 178 4"x2 1,800 3,780 1,2 3,780 1,2 3,00 1,2 3,780 5,7 231	703 604,580 112 224 4"x2 2,200 4,850 00 00 50 2,000 5" 2,000
Temperature Rate Cooling Capacity Power Input Current Water Cooled Dimensions Water Flow Connect Size Standard Pump Max. Operating Circuit Quantity	Connect Water Flow Weight Length Width Hight (2,5 bar) Current	C KW Kcal Amp. Inch L/mim Kg mm Kg mm Kg I L/min Inch HP Amp. Amp.	139 119,540 24 49 2½" 480 1,150 650 1,850 1,850 1,600 400 2½"	169 145,340 26 57 3" 600 1,450 65 2,5 1,6 500 3"	Ambient 211 181,460 36 67 3" 700 1,670 50 50 50 600 3" 80 50 50 50 50 50 50 50 50 50 50 50 50 50	Temp. +10 264 227,040 42 84 4" 800 1,890 80 3,0 1,890 80 3,0 1,89 660 4" 109 3 666 / 100	-37 °C; Chil 285 245,100 48 102 4" 900 2,000 00 50 800 4" Optional	ller Temp. + 351 301,860 56 112 3"x2 1,200 2,790 95 3,5 1,8 1,000 4" 146	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000 90 500 1,200 5" 179	562 483,320 96 178 4"x2 1,800 3,780 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	703 604,580 112 224 4"x2 2,200 4,850 00 00 50 2,000 5" 2,000
Temperature Rate Cooling Capacity Power Input Current Water Cooled Dimensions Water Flow Connect Size Standard Pump Max. Operating Circuit Quantity Ciapacity Step C	Connect Water Flow Weight Length Width Hight (2,5 bar) Current	C KW Kcal Amp. Inch L/mim Kg mm Kg mm Kg I L/min Inch HP Amp. Amp.	139 119,540 24 49 2½" 480 1,150 650 1,850 1,850 1,600 400 2½"	169 145,340 26 57 3" 600 1,450 65 2,5 1,6 500 3"	Ambient 211 181,460 36 67 3" 700 1,670 50 50 600 3" 80 500 600 3" 87 87 60 0 / 33 /	Temp. +10 264 227,040 42 84 4" 800 1,890 80 3,0 1,890 80 3,0 1,89 660 4" 109 3 666 / 100	-37 °C; Chil 285 245,100 48 102 4" 900 2,000 00 50 800 4" Optional 133	ller Temp. +' 351 301,860 56 112 3"x2 1,200 2,790 90 3,5 1,8 1,000 4" 146	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000 30 500 1,200 5" 179 0	562 483,320 96 178 4"x2 1,800 3,780 1,2 3,780 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	703 604,580 112 224 4"x2 2,200 4,850 00 00 50 2,000 5" 2,000
Temperature Rat Cooling Capacity Power Input Current Water Cooled Dimensions Water Flow Connect Size Standard Pump Max. Operating Circuit Quantity Capacity Step C Compressor Type	Connect Water Flow Weight Length Width Hight (2,5 bar) Current	C KW Kcal Amp. Inch L/mim Kg mm Kg mm Kg I L/min Inch HP Amp. Amp.	139 119,540 24 49 2½" 480 1,150 650 1,850 1,850 1,600 400 2½"	169 145,340 26 57 3" 600 1,450 65 2,5 1,6 500 3"	Ambient 211 181,460 36 67 3" 700 1,670 50 50 600 3" 80 500 600 3" 87 87 60 0 / 33 /	Temp. +10 264 227,040 42 84 4" 800 1,890 80 3,00 1,890 4" 109 3 66 / 100 F 322 / R4070	-37 °C; Chil 285 245,100 48 102 4" 900 2,000 00 50 800 4" Optional 133	ller Temp. +' 351 301,860 56 112 3"x2 1,200 2,790 95 3,5 1,8 1,000 4" 146	7 ~ 20 °C 439 377,540 74 138 4"x2 1,400 3,000 30 500 1,200 5" 179 0	562 483,320 96 178 4"x2 1,800 3,780 1,2 3,780 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 3,00 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	703 604,580 112 224 4"x2 2,200 4,850 00 00 50 2,000 5" 2,000

OLT 20 2 W 2



Refrigerant 2=R22 / 3=R134a / 4=R407c Water Cooled W=shell and tube Circuit Quantity 1 / 2 / 3 / 4 Cooling Capacity Tons Type T=Comp. Scroll / S=Comp. Screw OL=Shell and Tube, Open Type

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