 INVOTECH	Invotech Scroll Compressor Specification
Comp Model	Air-condition Used Comp YH266T1-100

*1 Compressor Basic Performance Specification

Model	YH266T1-100
Refrigerant	R407C
Cap (W) ^(a)	25530
Displacement(m ³ /h)	24.7
Power Input (W) ^(a)	7780
Running Current (A) ^(a)	14.8
Coefficient Of Performance (COP) ^(a)	3.28
Rated Voltage (V)	380V
Phase/Hertz	3P/50Hz
Lowest Running Voltage (V)	342
Highest Running Voltage (V)	418
Lock Rotor Current (A)	117
Highest Running Current (A) ^(b)	19.7
Motor Speed (R/Min) ^(c)	2900
Comp Weight With Oil (Kg)	53
Oil	POE (Coefficient Of Viscosity 32)
Oil Charge (First Charge, L)	2.70
(Recharge, L)	2.60
Lowest Voltage Start (V) ^(d)	323
MOV (V) ^(e)	342
Motor Insulation Temperature	130°C
Resistance @ 25 °C Ambient (Ω)	1.09(± 10%)
Insulation Voltage (V)	2000
Leakage Current (mA)	<5
Insulation Resistance (mΩ)	>20
Ground Resistance (Ω)	<0.1
Oil Circulation (%) ^(f)	Less Than 1%
Sound (Sound Power) ^(g)	74
Maximum Vib (mm, Peak-Peak) ^(h)	<0.12
Maximum Moisture (mg)	< 500
Maximum Impurity (mg)	< 100
Highest Running Pressure	
High Side (Mpa)	3.0
Low Side (Mpa)	2.0



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Comp Model

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NOTES:

- a) Test Condition: First Rated Running Point
- b) Test Condition: ET 11.9°C, CT 65.5°C, Running @ 90% Rated Voltage
- c) Test Condition: 380V, 50Hz, First Rated Running Point
- d) Discharge Pressure / Suction Pressure = Refrigerant Saturation Pressure @40°C (Absolute Pressure)
- e) Test Condition: Suction Pressure / Discharge Pressure = Refrigerant Saturation Pressure @11.9 °C / Refrigerant Saturation Pressure @65.5°C, Superheat 11.9°C, Sub cooling 8.3°C
- f) Mass Flow Under First Rated Point
- g) Running @ First Rated Running Point, Average Of Sound Power, Maximum Sound Power Is Less Than 79 dB(A)
- h) Running @ First Rated Running Point, Maximum Displacement Under Normal Direction When Compressor Running

*2 Standard Configuration:

- Ground Screw
- Welding Suction Fitting And Discharge Fitting
- Square Terminal Box Cover
- Without Liquid Injection Nor Vapour Injection
- Without Oil Sight Glass
- Mount Kits (4 Sets)

*3 Test Condition (380V, 50 HZ), Capacity And COP Is No Less Than 95% Normal Specification, Power And Current Is No More Than 105% Normal Specification (Performance And Sound Test Need 24hrs Break In Running At Max Load Running Condition ^(e))

Seq	Parameter	First Rated Running Point
1	Evaporating T	7.2 °C
2	Condensing T	54.4 °C
3	Ambient T	35.0 °C
4	Return Gas T	18.3 °C
5	Superheat K	11.1
6	Subcooling K	8.3

*4 Internal Protection Parts

- Internal Motor Protector
- Internal Pressure Release Valve

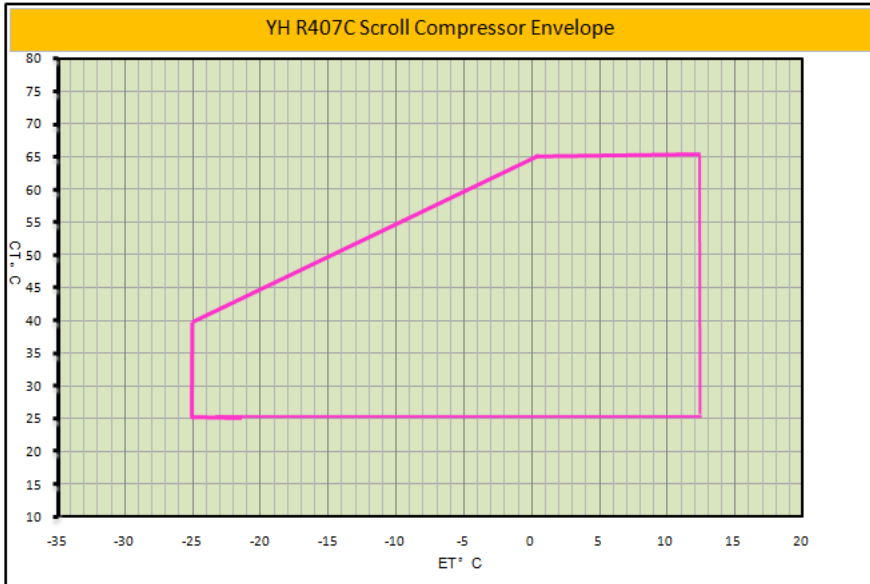


Invotech Scroll Compressor Specification

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Pressure Release Valve Open Range: 2.76--3.10Mpa

*5 Compressor Running Envelope



Compressor Running @ 11.1°C Superheat, 8.3°C Subcooling

*6 Compressor Performance Data Sheet

Invotech Scroll YH266T1-100 Compressor Performance Sheet								
工况	-20	-15	-10	-5	0	5	10	
Cap W	65				18674	20263	24507	
	55			13408	16041	19666	23738	28162
	50		11581	14027	17242	21011	25248	29636
	45	9927	12070	14998	18487	22357	26701	31075
	40	10322	12862	15916	19458	23500	27802	32549
	35	10984	13660	16868	20544	24529	28895	34024
25	11984	14811	17789	21796	25687	30578	35319	
Power W	65				9817	9901	9986	
	55			7781	7843	7873	7943	7996
	50		6836	6936	7028	7059	7167	7228
	45	6076	6122	6237	6268	6345	6383	6591
	40	5400	5531	5561	5638	5730	5738	5961
	35	4771	4878	5016	5100	5142	5246	5424
	25	4087	4225	4394	4494	4686	4709	4770

Cap. And Power Data in Grey-green Area Is Tested @ 11.1°C Superheat, 8.3°C subcooling
 X-axis Ordinate Is Evaporating T (°C), Y-axis Ordinates Is Condensing T (°C)