

**Specification for
Embraco Scroll Compressor**

MODEL: EAF22H-B1-NABA

RECORD OF REVISIONS

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EAF22H-B1-NABA Technical Specifications

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3	Ambient Temp.	35.0
4	Super Heat	11.1
5	Sub Cooling	8.3

5. Compressor Protection Parts

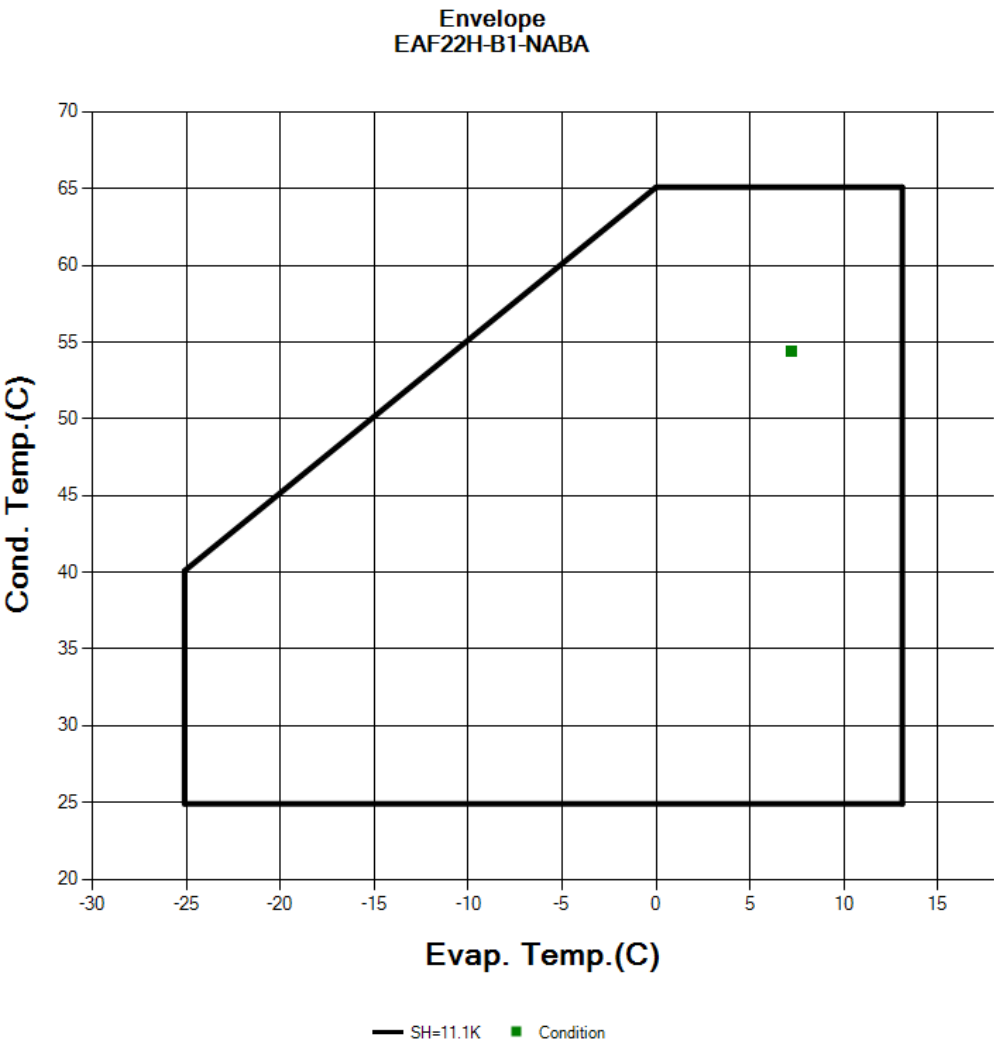
- a) Thermal Protection Inside:15HM2495-270;
b) Internal Pressure Release Valve, Open Range (Pressure Difference Between Discharge And Suction) : 3.96~4.31Mpa

6. Performance Data- EAF22H-B1-NABA

kW	Temp. Cond. (°C)	Temp. Evap. (°C)								
		-25	-20	-15	-10	-5	0	5	10	13
Cooling Cap.	65						NaN	NaN	NaN	NaN
	60					NaN	NaN	NaN	NaN	NaN
	55				NaN	NaN	NaN	NaN	NaN	NaN
	50			NaN	NaN	NaN	NaN	NaN	NaN	NaN
	45		NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	40	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	35	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	30	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
	25	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN	NaN
Input Power	65						2.78	2.74	2.72	2.71
	60					2.46	2.43	2.40	2.38	2.38
	55				2.19	2.16	2.13	2.11	2.10	2.10
	50			1.97	1.93	1.90	1.88	1.87	1.86	1.86
	45		1.77	1.74	1.71	1.69	1.67	1.66	1.66	1.66
	40	1.59	1.57	1.54	1.52	1.50	1.49	1.49	1.49	1.49
	35	1.40	1.38	1.37	1.35	1.34	1.34	1.33	1.34	1.34
	30	1.23	1.22	1.21	1.20	1.20	1.20	1.20	1.20	1.21
	25	1.07	1.07	1.06	1.06	1.06	1.06	1.07	1.08	1.09

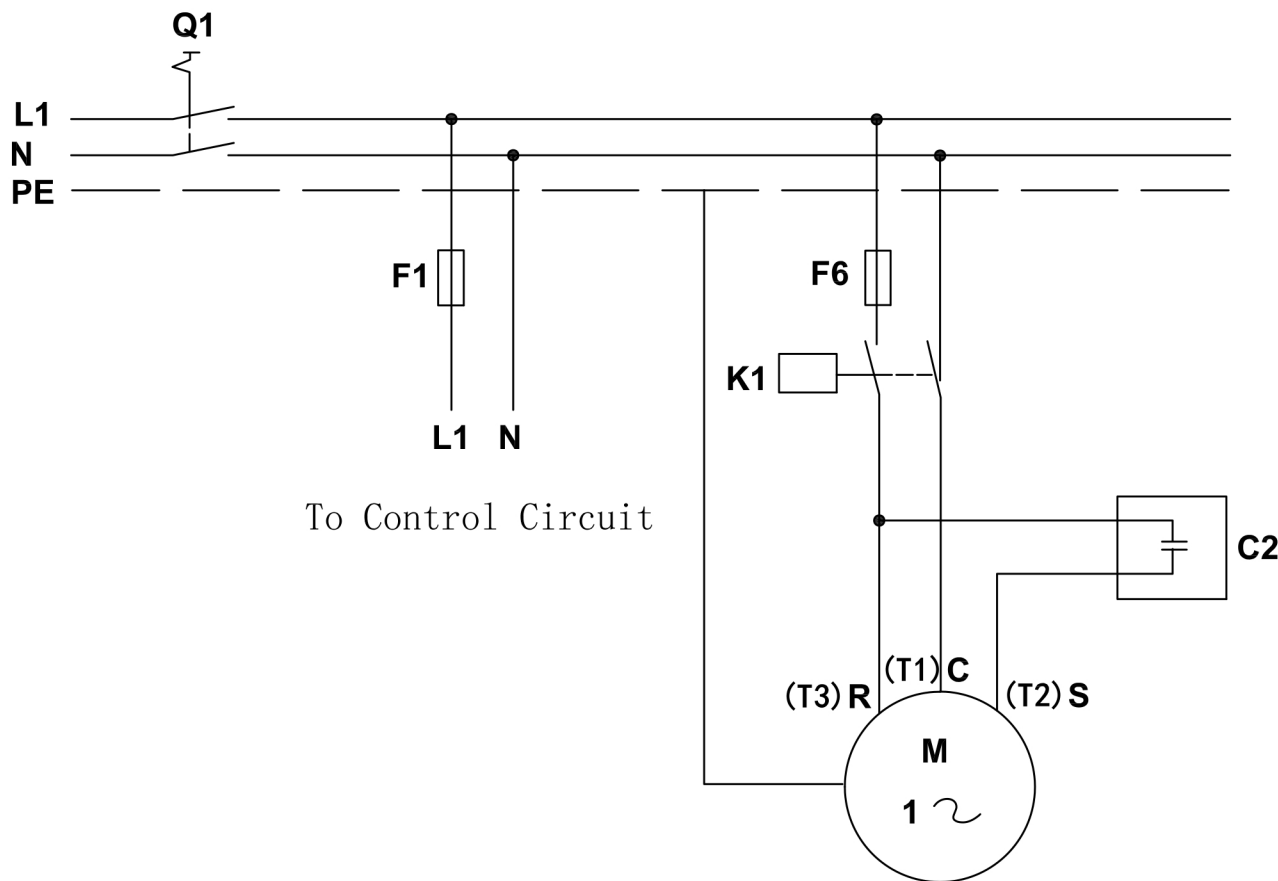
Notes: Capacity Calculation Based On SH=11.1K,SC=8.3K

7. Application Envelope



For compressor safety, shutdown compressor when DLT is above 125°C.
Restart compressor when DLT is below 85°C.

8. Drawing



Electrical Schematics

L1/N/PE: Single Phase Lines(line/neutral/ground)

Q1: Manual Switch

F1/F6: Fuse

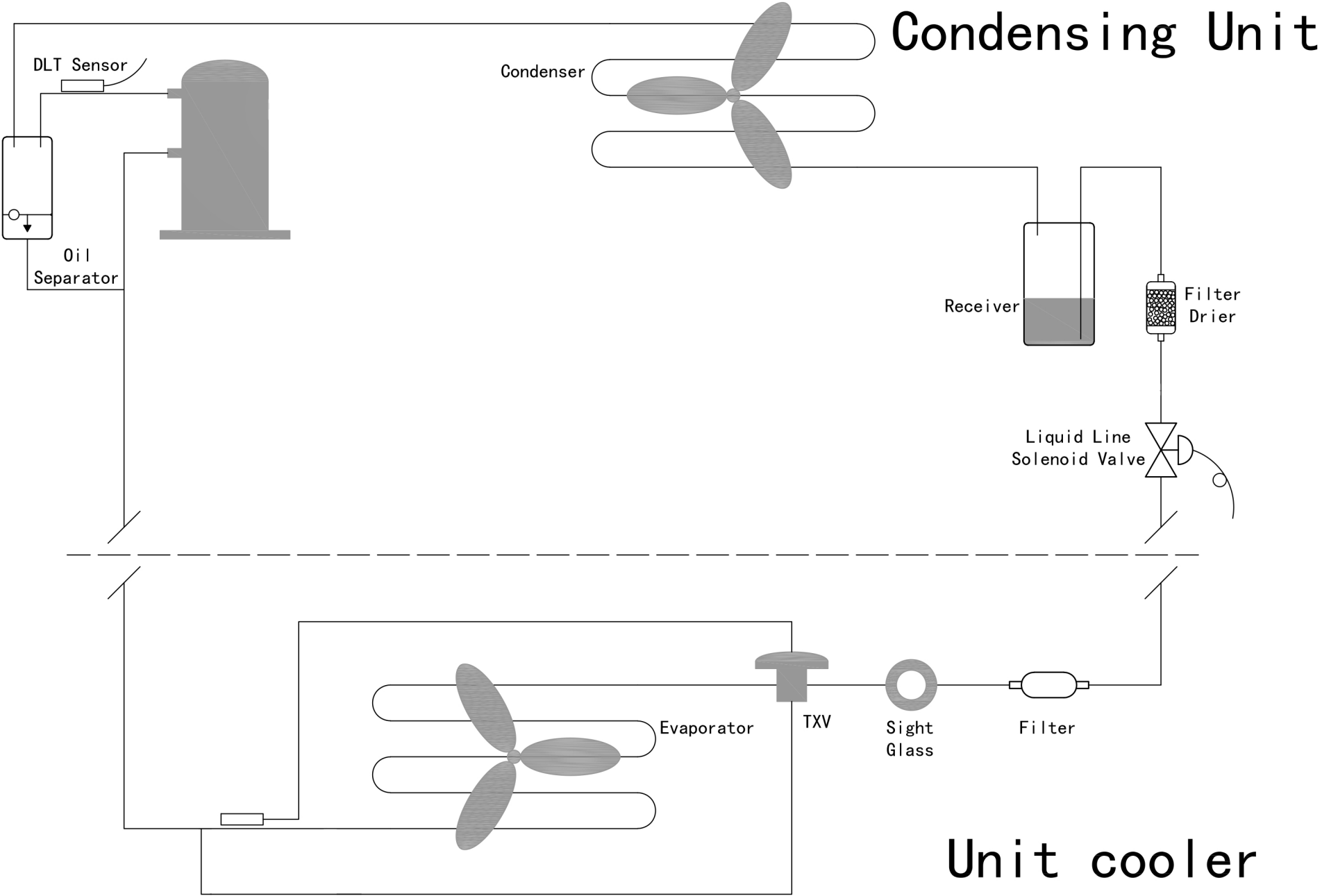
K1: Compressor Contactor

C2: Run Capacitor

M: Compressor Motor

R/C/S: Compressor Terminal

General System Schematic



Accessories List

Part N.O.	Specification	Part Name	Description	Qty	Type	Picture
020-0001-00		Terminal Seal		1	Standard	
019-0002-00	11.1*29.5	Sleeve Spacer		4	Standard	
200-0001-00		Rubber		4	Standard	

Accessories List

100-0006-00	M5x8,GB/T5789	Bolt		4	Standard	
017-0000-00	IP21	Terminal Cover		1	Standard	
016-0001-00		T-Box		1	Standard	
034-0000-03		Sound Jacket		1	Optional	

Accessories List

028-0000-00	OD:155, 70W, 220V, L:485	Crank Heater		1	Optional	
031-0019-00	1"-14UN 2A	RotaLock Connector		1	Optional	
031-0017-00	1-1/4"-12UNF-A	RotaLock Connector		1	Optional	