



Producer: **Copeland**
 Line: **ZS**
 Model: **ZS26K4E-TFD**
 Cooling capacity [kW]: **5.59**
 Displacement [m³/h]: **9.9**
 Refrigerant: **R22, R134a, R404A**
 Capacity control: **None**
 Power supply: **400V/3Ph/50Hz**

Data

Technical data

Displacement	[m ³ /h]	9.9
Oil charge	[l]	1.50
Oil type		POE RL32-3MAF
Internal free volume	[dm ³]	4.1
Net weight	[kg]	33.00

Electrical data and limits

Power supply		400V/3Ph/50Hz
Maximum continuous current	[A]	7.0
Locked rotor amperage	[A]	46.0
Motor resistance main	[Ω]	4.03
Maximum suction pressure	[bar]	21.0
Maximum discharge pressure	[bar]	28.8
Maximum suction temperature	[°C]	50.0

Dimensions

Suction connection thread diameter	[inch]	1 1/4
Discharge connection thread diameter	[inch]	1
Length	[mm]	243
Height	[mm]	405
Width	[mm]	244

Other

Approved refrigerants	R22, R134a, R404A
Allowed oil types	POE RL32-3MAF, POE MOBIL EAL Arctic 22 CC
Capacity control	None
Protection rating	IP21 (IEC34)

Performance

Nominal conditions: refrigerant: R404A, evaporation: -10°C (dew point), condensation: 45°C (dew point), superheating: 10K, subcooling: 0°C

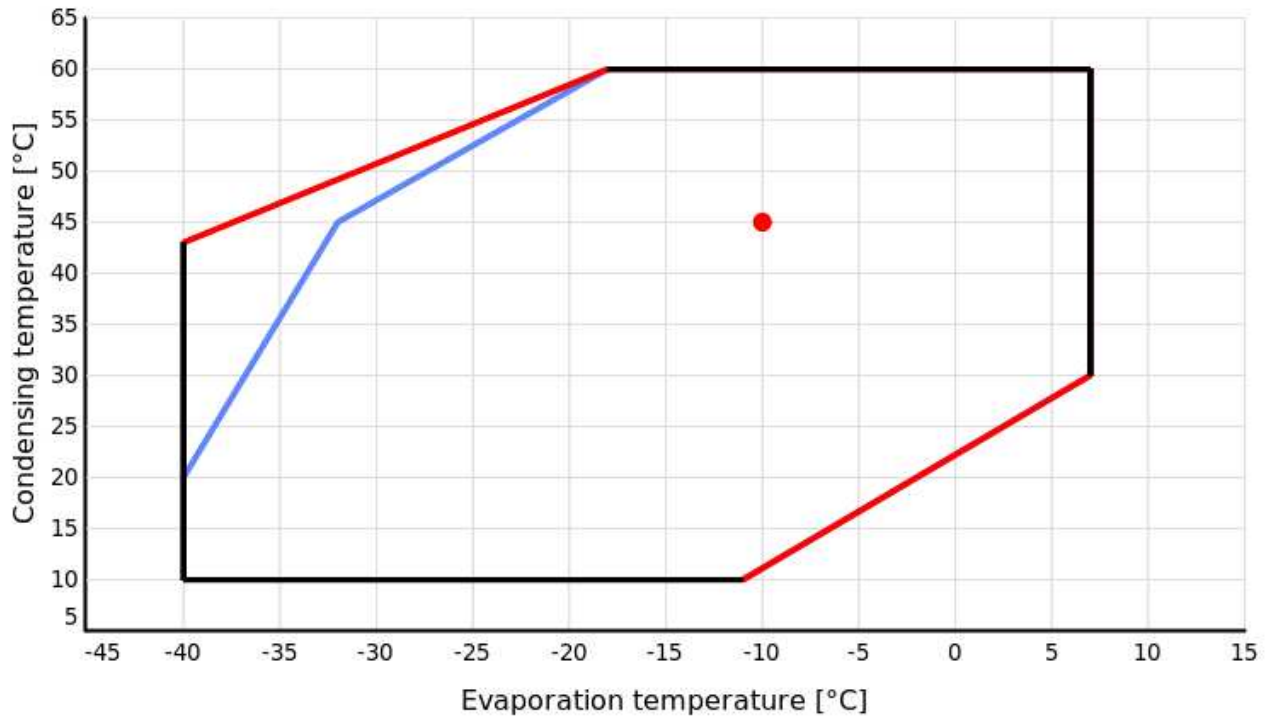
Cooling capacity

		Evaporation temperature [°C]										
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	7
Condensation temperature [°C]	10	2.42	3.09	3.89	4.86	6.01	7.36					
	15	2.30	2.94	3.70	4.62	5.71	7.00	8.51				
	20	2.18	2.79	3.51	4.38	5.41	6.63	8.06	9.73			
	25	2.05	2.63	3.31	4.13	5.10	6.25	7.60	9.18	11.00		
	30	1.92	2.46	3.11	3.87	4.78	5.85	7.13	8.62	10.35	12.33	13.21
	35	1.78	2.29	2.89	3.60	4.44	5.45	6.63	8.03	9.67	11.55	12.39
	40	1.63	2.10	2.65	3.31	4.09	5.02	6.12	7.43	8.96	10.75	11.54
	45		1.90	2.41	3.00	3.71	4.57	5.59	6.80	8.23	9.91	10.66
	50			2.14	2.67	3.32	4.09	5.03	6.14	7.48	9.05	9.75
	55					2.90	3.59	4.43	5.45	6.68	8.15	8.81
60						3.06	3.81	4.73	5.85	7.21	7.83	

Power consumption

		Evaporation temperature [°C]										
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	7
Condensation temperature [°C]	10	1.30	1.35	1.42	1.52	1.64	1.79					
	15	1.40	1.45	1.51	1.60	1.71	1.85	2.00				
	20	1.52	1.56	1.62	1.70	1.80	1.93	2.07	2.23			
	25	1.66	1.68	1.74	1.81	1.91	2.03	2.16	2.32	2.49		
	30	1.80	1.83	1.88	1.95	2.04	2.15	2.28	2.42	2.59	2.76	2.84
	35	1.96	1.99	2.03	2.10	2.18	2.29	2.42	2.56	2.71	2.88	2.96
	40	2.14	2.16	2.20	2.27	2.35	2.46	2.58	2.71	2.87	3.03	3.10
	45		2.35	2.40	2.46	2.55	2.65	2.76	2.90	3.05	3.21	3.28
	50			2.61	2.68	2.76	2.86	2.98	3.11	3.26	3.41	3.48
	55					3.00	3.10	3.22	3.35	3.49	3.65	3.72
60						3.36	3.48	3.62	3.76	3.92	3.98	

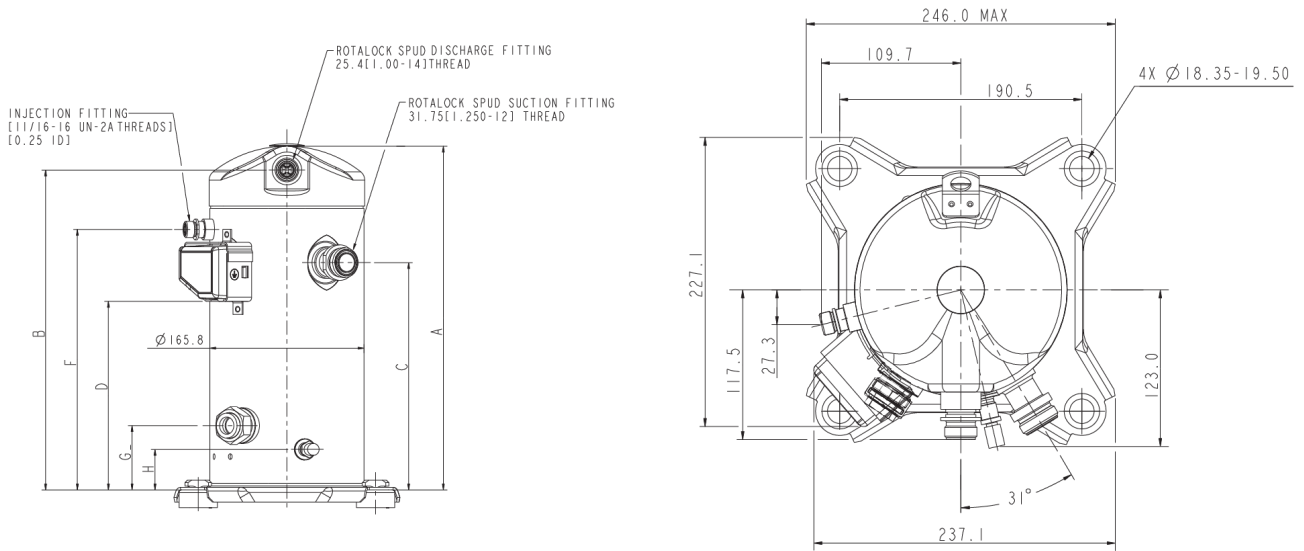
Application range



Legend

- Suction gas superheating: 10 K
- Suction gas temperature: 25°C

Dimensions



Dimensions

Dimension A	[mm]	405
Dimension B	[mm]	379,4
Dimension C	[mm]	276,4
Dimension D	[mm]	234,8
Dimension G	[mm]	74,6
Dimension H	[mm]	49,1



Producer: **Copeland**
 Line: **ZS**
 Model: **ZS26K4E-TFD**
 Cooling capacity [kW]: **5.59**
 Displacement [m³/h]: **9.9**
 Refrigerant: **R22, R134a, R404A**
 Capacity control: **None**
 Power supply: **400V/3Ph/50Hz**

Data

Technical data

Displacement	[m ³ /h]	9.9
Oil charge	[l]	1.50
Oil type		POE RL32-3MAF
Internal free volume	[dm ³]	4.1
Net weight	[kg]	33.00

Electrical data and limits

Power supply		400V/3Ph/50Hz
Maximum continuous current	[A]	7.0
Locked rotor amperage	[A]	46.0
Motor resistance main	[Ω]	4.03
Maximum suction pressure	[bar]	21.0
Maximum discharge pressure	[bar]	28.8
Maximum suction temperature	[°C]	50.0

Dimensions

Suction connection thread diameter	[inch]	1 1/4
Discharge connection thread diameter	[inch]	1
Length	[mm]	243
Height	[mm]	405
Width	[mm]	244

Other

Approved refrigerants	R22, R134a, R404A
Allowed oil types	POE RL32-3MAF, POE MOBIL EAL Arctic 22 CC
Capacity control	None
Protection rating	IP21 (IEC34)

Performance

Nominal conditions: refrigerant: R404A, evaporation: -10°C (dew point), condensation: 45°C (dew point), superheating: 10K, subcooling: 0°C

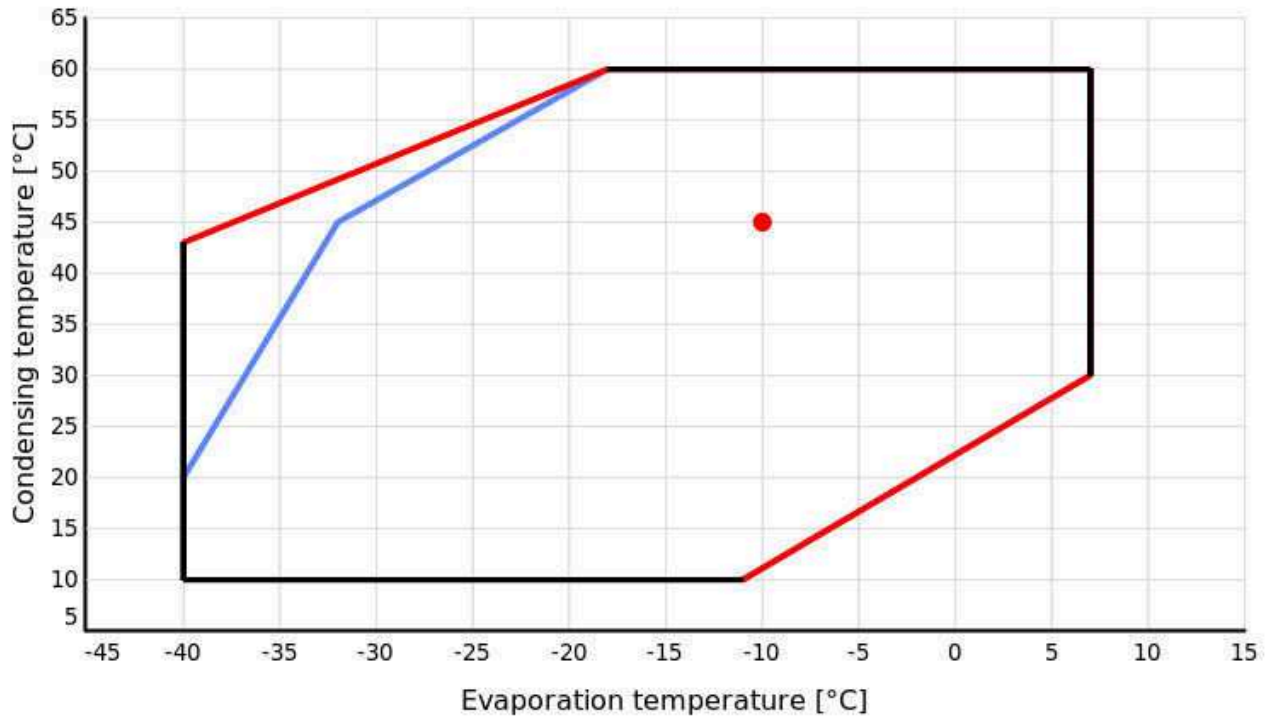
Cooling capacity

		Evaporation temperature [°C]										
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	7
Condensation temperature [°C]	10	2.42	3.09	3.89	4.86	6.01	7.36					
	15	2.30	2.94	3.70	4.62	5.71	7.00	8.51				
	20	2.18	2.79	3.51	4.38	5.41	6.63	8.06	9.73			
	25	2.05	2.63	3.31	4.13	5.10	6.25	7.60	9.18	11.00		
	30	1.92	2.46	3.11	3.87	4.78	5.85	7.13	8.62	10.35	12.33	13.21
	35	1.78	2.29	2.89	3.60	4.44	5.45	6.63	8.03	9.67	11.55	12.39
	40	1.63	2.10	2.65	3.31	4.09	5.02	6.12	7.43	8.96	10.75	11.54
	45		1.90	2.41	3.00	3.71	4.57	5.59	6.80	8.23	9.91	10.66
	50			2.14	2.67	3.32	4.09	5.03	6.14	7.48	9.05	9.75
	55					2.90	3.59	4.43	5.45	6.68	8.15	8.81
60						3.06	3.81	4.73	5.85	7.21	7.83	

Power consumption

		Evaporation temperature [°C]										
		-40	-35	-30	-25	-20	-15	-10	-5	0	5	7
Condensation temperature [°C]	10	1.30	1.35	1.42	1.52	1.64	1.79					
	15	1.40	1.45	1.51	1.60	1.71	1.85	2.00				
	20	1.52	1.56	1.62	1.70	1.80	1.93	2.07	2.23			
	25	1.66	1.68	1.74	1.81	1.91	2.03	2.16	2.32	2.49		
	30	1.80	1.83	1.88	1.95	2.04	2.15	2.28	2.42	2.59	2.76	2.84
	35	1.96	1.99	2.03	2.10	2.18	2.29	2.42	2.56	2.71	2.88	2.96
	40	2.14	2.16	2.20	2.27	2.35	2.46	2.58	2.71	2.87	3.03	3.10
	45		2.35	2.40	2.46	2.55	2.65	2.76	2.90	3.05	3.21	3.28
	50			2.61	2.68	2.76	2.86	2.98	3.11	3.26	3.41	3.48
	55					3.00	3.10	3.22	3.35	3.49	3.65	3.72
60						3.36	3.48	3.62	3.76	3.92	3.98	

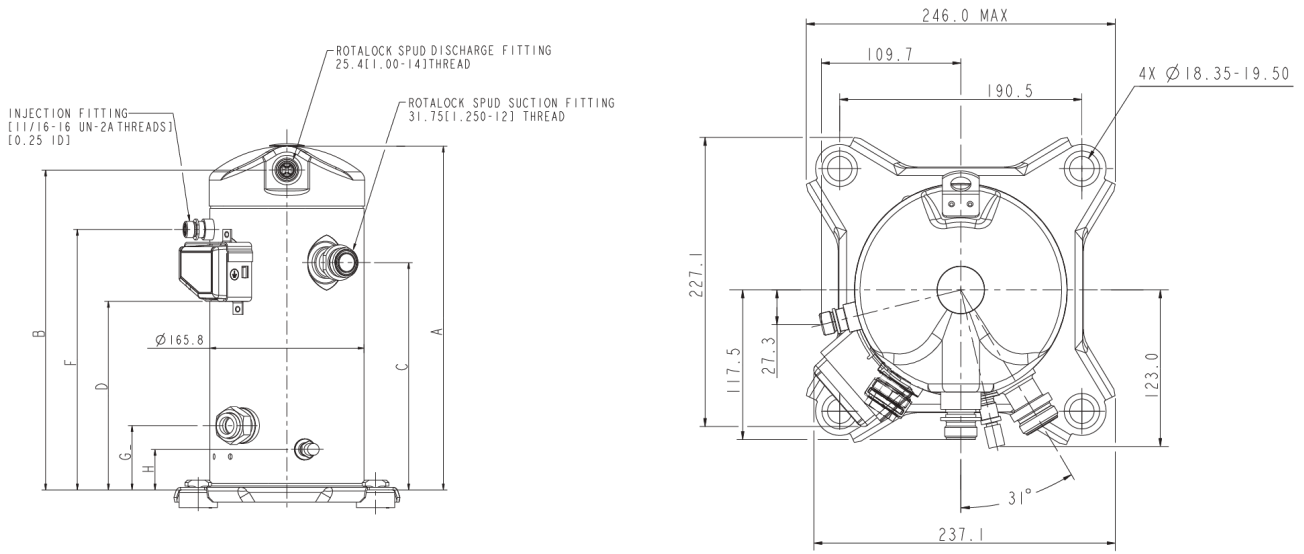
Application range



Legend

- Suction gas superheating: 10 K
- Suction gas temperature: 25°C

Dimensions



Dimensions

Dimension A	[mm]	405
Dimension B	[mm]	379,4
Dimension C	[mm]	276,4
Dimension D	[mm]	234,8
Dimension G	[mm]	74,6
Dimension H	[mm]	49,1