

Type: Semi-hermetic piston compressors

Producer: Frascold

Series: F

Model: F 5 19 Y

Technical data

Nominal motor power [kW]:	3,7
Cylinder count:	2
Displacement [m ³ /h]:	19,12
Cylinder capacity [cm ³]:	109,93
RPM [min ⁻¹]:	1450
Weight [kg]:	79
Oil charge [dm ³]:	2,1
Power supply [V/~/Hz]:	220V/3/50Hz \ 400V/3/50Hz

Connections

	<u>milimeters</u>	<u>inches</u>
Suction line:	28	1 1/8"
Discharge line:	19	3/4"

R404A/R507

Cooling capacity [W]

t_c \ t_e	7.5	5	0	-5	-10	-15	-20	-25	-30
30	23 430	21 490	18 050	15 070	12 540	10 300	8 380	6 730	5 340
40	20 380	18 680	15 680	13 050	10 830	8 850	7 160	5 690	4 460
45	18 780	17 210	14 430	12 000	9 930	8 100	6 520	5 160	4 010
50	17 010	15 590	13 060	10 850	8 960	7 280	5 840	4 590	3 540

Operating conditions: suction gas temperature 20°C, 0K subcooling

t_c - Condensing temperature [°C]

t_e - Evaporating temperature [°C]