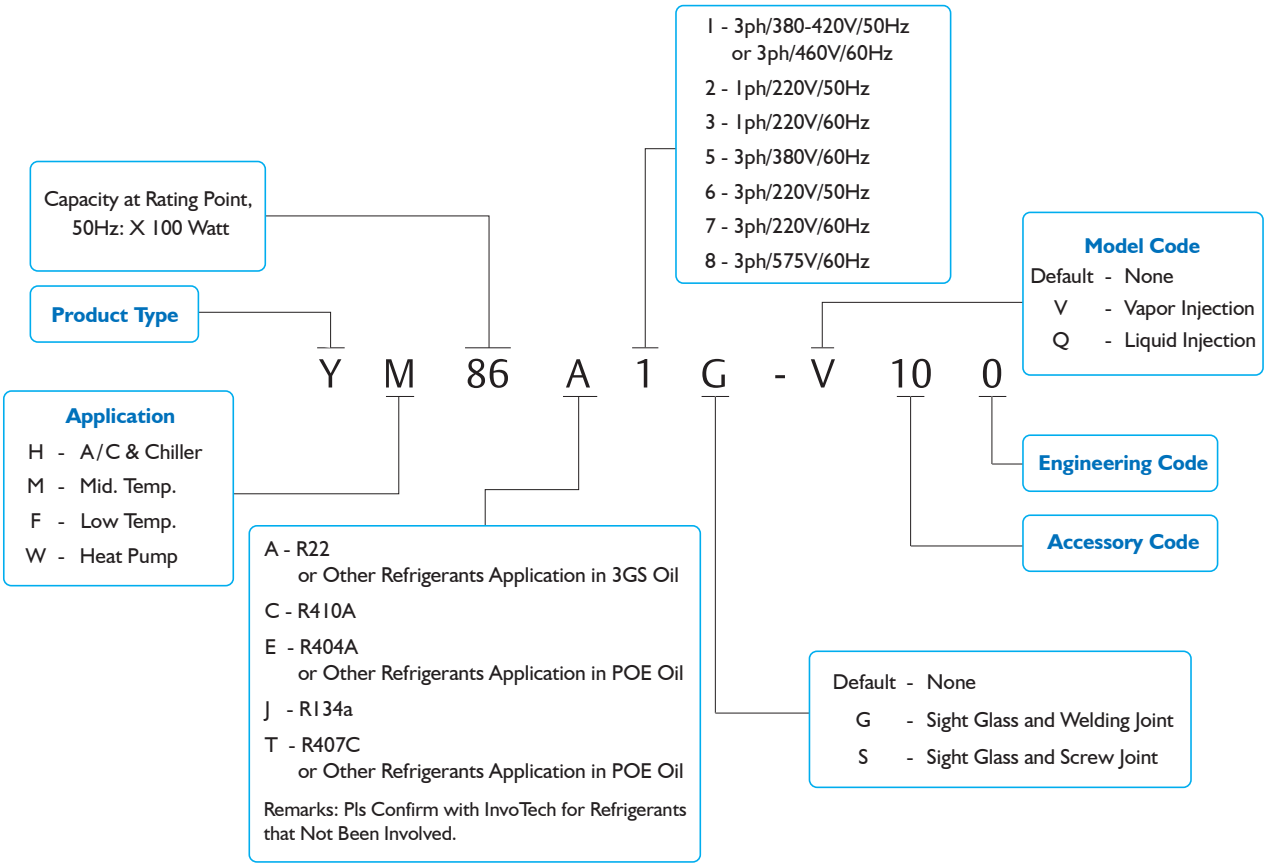
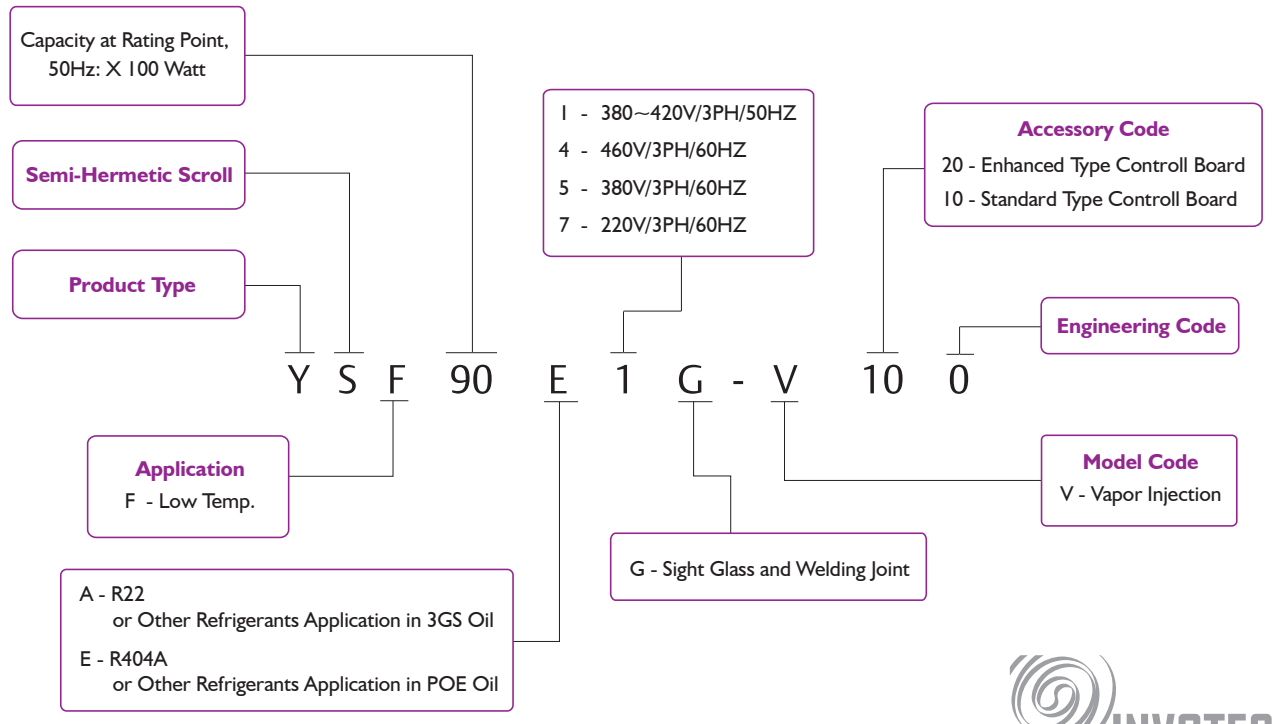
Nomenclature





YW Series

For Heat Pump

Model	Electricity V/HZ	Phase	Power (HP)	Displ. m³/h	Heating Capacity (W)	Power in Watt (W)	COP (W/W)	Running Current (A)	Dimensions
R407C									
YW75T2-100	220V/50HZ	1	3	8.1	10000	2740	3.65	12.7	P16
YW110T2-100	220V/50HZ	1	4	11.8	14650	3900	3.76	18.5	P16
YW75T1-100	380V/50HZ	3	3	8.1	9920	2660	3.73	5.8	P16
YW110T1-100	380V/50HZ	3	4	11.8	14590	3840	3.80	7.4	P16
YW135T1-100	380V/50HZ	3	5	14.5	17520	4550	3.85	8.4	P16
YW160T1-100	380V/50HZ	3	6	17.1	20480	5320	3.85	9.6	P16
YW190T1-100	380V/50HZ	3	7.5	20.1	25270	6646	3.80	12.5	P17
YW205T1-100	380V/50HZ	3	8	21.4	26717	6979	3.83	13.0	P17
YW245T1-100	380V/50HZ	3	9	25.3	31772	8252	3.85	14.7	P17
YW285T1-100	380V/50HZ	3	10	29.1	36829	9469	3.89	16.6	P17
YW320T1-100	380V/50HZ	3	12	32.9	41285	10565	3.91	18.2	P17

Ambient Temp. 35°C, E.T. 5°C, C.T. 55°C, Subcooling 8.3K, R.G.T. 16.1°C



YW Series

For Heat Pump

Model	Electricity V/HZ	Phase	Power (HP)	Displ. m^3/h	Heating Capacity (W)	Power in Watt (W)	COP (W/W)	Running Current (A)	Dimensions
R407C - With EVI									
YW75T2-V100	220V/50HZ	1	3	8.1	10000	2740	3.65	12.7	P16
YW110T2-V100	220V/50HZ	1	4	11.8	14650	3900	3.76	18.5	P16
YW75T1-V100	380V/50HZ	3	3	8.1	11180	2910	3.84	6.3	P16
YW110T1-V100	380V/50HZ	3	4	11.8	16380	4190	3.91	7.9	P16
YW135T1-V100	380V/50HZ	3	5	14.5	19700	4970	3.96	9.2	P16
YW160T1-V100	380V/50HZ	3	6	17.1	23030	5810	3.96	10.3	P16
YW190T1-V100	380V/50HZ	3	7.5	20.1	26467	6912	3.83	12.9	P17
YW205T1-V100	380V/50HZ	3	8	21.4	27983	7258	3.86	13.5	P17
YW245T1-V100	380V/50HZ	3	9	25.3	33278	8582	3.88	15.2	P17
YW285T1-V100	380V/50HZ	3	10	29.1	38576	9848	3.92	17.2	P17
YW320T1-V100	380V/50HZ	3	12	32.9	43243	10987	3.94	18.9	P17
R410A									
YW75C1-100	380V/50HZ	3	3	5.8	10626	2826	3.76	5.3	P16
YW110C1-100	380V/50HZ	3	4	8.1	14577	3877	3.76	7.4	P16
YW135C1-100	380V/50HZ	3	5	10.3	18593	4893	3.80	8.7	P16
YW160C1-100	380V/50HZ	3	6	11.8	21403	5603	3.82	9.8	P16
YW270C1-100	380V/50HZ	3	10	20.1	37321	9821	3.80	16.7	P17
YW300C1-100	380V/50HZ	3	11	22.2	41290	10766	3.83	18.2	P17
YW320C1-100	380V/50HZ	3	12	22.9	42670	11170	3.82	18.9	P17
R410A - With EVI									
YW75C1-V100	380V/50HZ	3	3	5.8	11129	2939	3.79	5.4	P16
YW110C1-V100	380V/50HZ	3	4	8.1	15267	4032	3.79	7.5	P16
YW135C1-V100	380V/50HZ	3	5	10.3	19474	5089	3.83	8.9	P16
YW160C1-V100	380V/50HZ	3	6	11.8	22417	5827	3.85	10.1	P16
YW270C1-V100	380V/50HZ	3	10	20.1	38300	10000	3.83	17.8	P17
YW300C1-V100	380V/50HZ	3	11	22.2	42305	10968	3.85	18.5	P17
YW320C1-V100	380V/50HZ	3	12	22.9	43580	11380	3.83	19.2	P17

Ambient Temp. 35°C, E.T. 5°C, C.T. 55°C, Subcooling 8.3K, R.G.T. 16.1°C

INVOTECH

YW Series

For Heat Pump

Model	Electricity V/HZ	Phase	Power (HP)	Displ. m³/h	Heating Capacity (W)	Power in Watt (W)	COP (W/W)	Running Current (A)	Dimensions
R22									
YW75A2-100	220V/50HZ	1	3	8.1	10200	2710	3.76	12.6	P16
YW110A2-100	220V/50HZ	1	4	11.8	15060	3860	3.90	18.3	P16
YW75A1-100	380V/50HZ	3	3	8.1	10200	2630	3.88	5.7	P16
YW110A1-100	380V/50HZ	3	4	11.8	15000	3800	3.95	7.3	P16
YW135A1-100	380V/50HZ	3	5	14.5	18000	4500	4.00	8.3	P16
YW160A1-100	380V/50HZ	3	6	17.1	21040	5260	4.00	9.5	P16
YW190A1-100	380V/50HZ	3	7.5	20.1	25980	6580	3.95	12.4	P17
YW205A1-100	380V/50HZ	3	8	21.4	27470	6910	3.98	12.9	P17
YW245A1-100	380V/50HZ	3	9	25.3	32670	8170	4.00	14.6	P17
YW285A1-100	380V/50HZ	3	10	29.1	37875	9375	4.04	16.4	P17
YW320A1-100	380V/50HZ	3	12	32.9	42460	10460	4.06	18.0	P17
R22 - With EVI									
YW75A2-V100	220V/50HZ	1	3	8.1	11450	2960	3.87	13.7	P16
YW110A2-V100	220V/50HZ	1	4	11.8	16920	4220	4.00	20.0	P16
YW75A1-V100	380V/50HZ	3	3	8.1	11470	2870	4.00	6.2	P16
YW110A1-V100	380V/50HZ	3	4	11.8	16850	4150	4.06	7.8	P16
YW135A1-V100	380V/50HZ	3	5	14.5	20220	4910	4.12	9.1	P16
YW160A1-V100	380V/50HZ	3	6	17.1	23640	5740	4.12	10.1	P16
YW190A1-V100	380V/50HZ	3	7.5	20.1	27213	6843	3.98	12.8	P17
YW205A1-V100	380V/50HZ	3	8	21.4	28774	7186	4.00	13.3	P17
YW245A1-V100	380V/50HZ	3	9	25.3	34222	8497	4.03	15.0	P17
YW285A1-V100	380V/50HZ	3	10	29.1	39675	9750	4.07	17.0	P17
YW320A1-V100	380V/50HZ	3	12	32.9	44478	10878	4.09	18.7	P17

Ambient Temp. 35°C, E.T. 5°C, C.T. 55°C, Subcooling 8.3K, R.G.T. 16.1°C

YW Series

For Heat Pump (Ultra-High Temp)

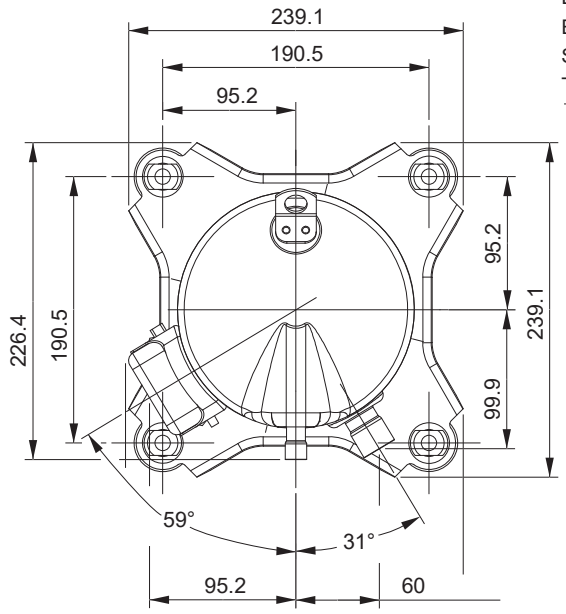
Model	Electricity V/HZ	Phase	Power (HP)	Displ. m³/h	Heating Capacity (W)	Power in Watt (W)	COP (W/W)	Running Current (A)	Dimensions
R134a									
YW55J2-100	220V/50HZ	1	2	8.1	7180	1700	4.23	7.9	P16
YW80J2-100	220V/50HZ	1	3	11.8	10450	2450	4.27	11.6	P16
YW55J1-100	380V/50HZ	3	3	8.1	7180	1689	4.25	4.1	P16
YW80J1-100	380V/50HZ	3	4	11.8	10430	2437	4.28	5.9	P16
YW100J1-100	380V/50HZ	3	5	14.5	13000	3023	4.30	6.4	P16
YW120J1-100	380V/50HZ	3	6	17.1	15530	3612	4.30	7.4	P16
YW132J1-100	380V/50HZ	3	6.5	18.3	16500	3837	4.30	7.7	P16
YW140J1-100	380V/50HZ	3	7	20.1	17530	4125	4.25	9.0	P17
YW155J1-100	380V/50HZ	3	7.5	21.4	18830	4400	4.28	9.5	P17
YW180J1-100	380V/50HZ	3	8	25.3	23450	5450	4.30	11.0	P17
YW200J1-100	380V/50HZ	3	9	29.1	25540	5940	4.30	11.6	P17
YW240J1-100	380V/50HZ	3	10	32.9	29220	6720	4.35	12.5	P17
R134a - With EVI									
YW55J2-V100	220V/50HZ	1	2	8.1	7522	1768	4.25	8.6	P16
YW80J2-V100	220V/50HZ	1	3	11.8	10948	2548	4.30	12.6	P16
YW55J1-V100	380V/50HZ	3	3	8.1	7522	1757	4.28	4.2	P16
YW80J1-V100	380V/50HZ	3	4	11.8	10927	2534	4.31	6.0	P16
YW100J1-V100	380V/50HZ	3	5	14.5	13620	3144	4.33	6.6	P16
YW120J1-V100	380V/50HZ	3	6	17.1	16270	3756	4.33	7.6	P16
YW132J1-V100	380V/50HZ	3	6.5	18.3	17325	4029	4.30	7.9	P16
YW140J1-V100	380V/50HZ	3	7	20.1	18365	4290	4.28	9.2	P17
YW155J1-V100	380V/50HZ	3	7.5	21.4	19728	4576	4.31	9.7	P17
YW180J1-V100	380V/50HZ	3	8	25.3	24568	5668	4.33	11.3	P17
YW200J1-V100	380V/50HZ	3	9	29.1	26758	6178	4.33	11.9	P17
YW240J1-V100	380V/50HZ	3	10	32.9	30614	6989	4.38	12.9	P17

Ambient Temp. 35°C, E.T. 7.2°C, C.T. 54.4°C, Subcooling 8.3K, R.G.T. 18.3°C

INVOTECH

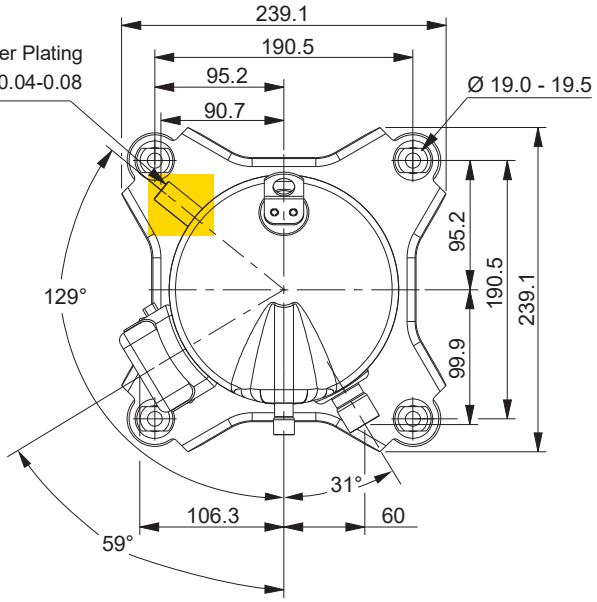
Product Dimensions

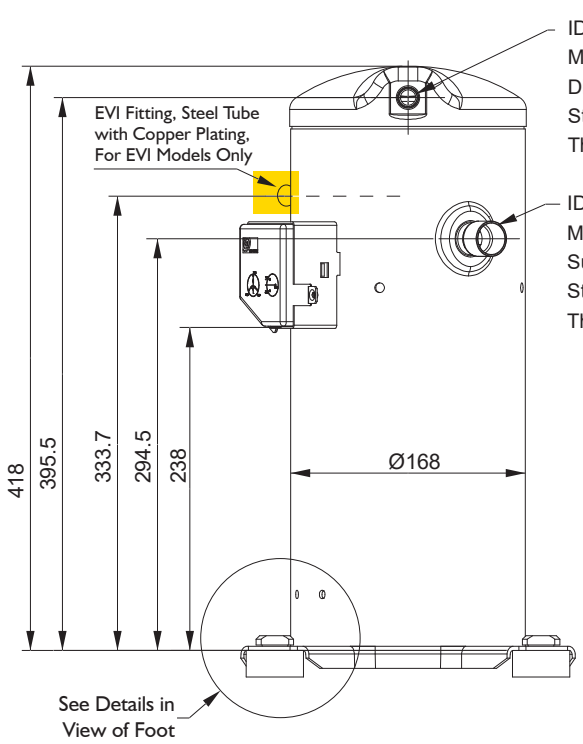
W/O EVI



W/ EVI

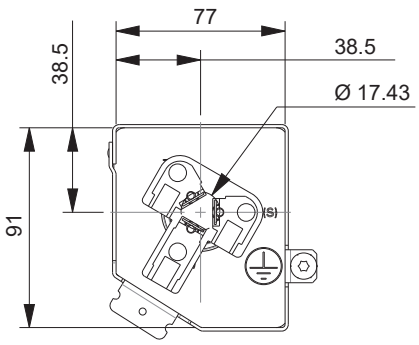
ID Ø 12.80 - 12.90
Depth:9.8-10.0
EVI Fitting,
Steel Tube with Copper Plating
Thickness of Copper:0.04-0.08



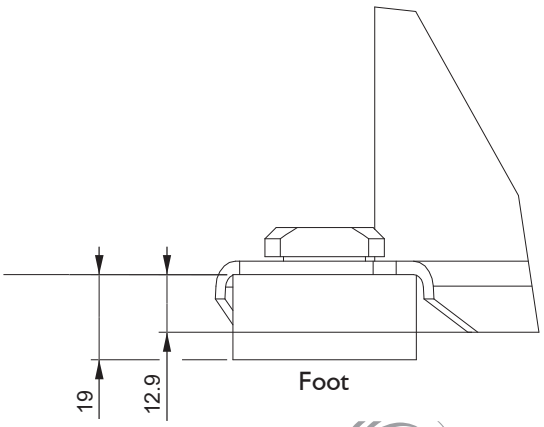


ID Ø 12.87 - 12.97
Min. Depth:10.6
Discharge Tube,
Steel Tube with Copper Plating
Thickness of Copper: 0.04-0.08

ID Ø 22.35-22.45
Min. Depth: 17.3
Suction Tube,
Steel Tube with Copper Plating
Thickness of Copper: 0.04-0.08

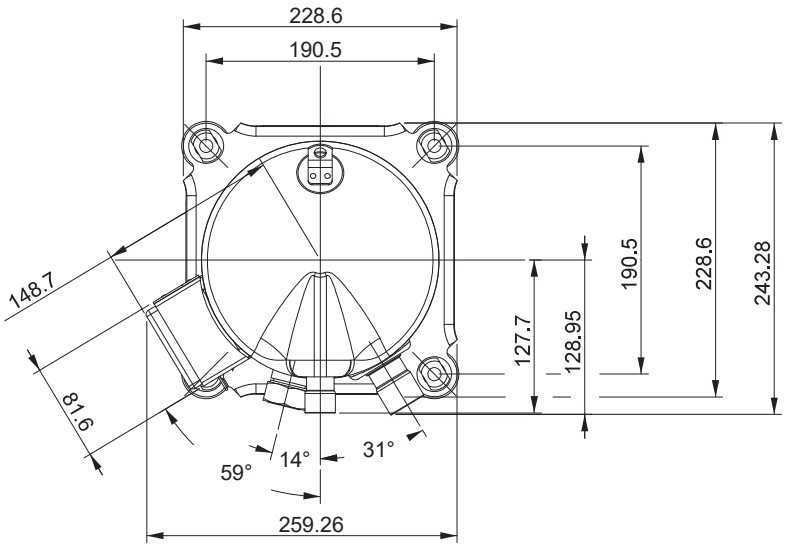


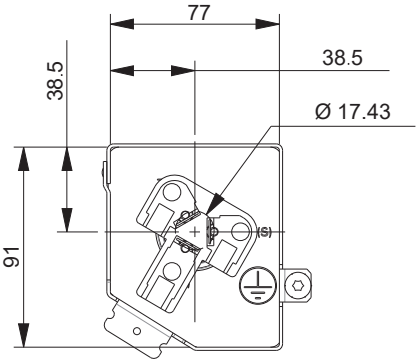
Wiring Diagram



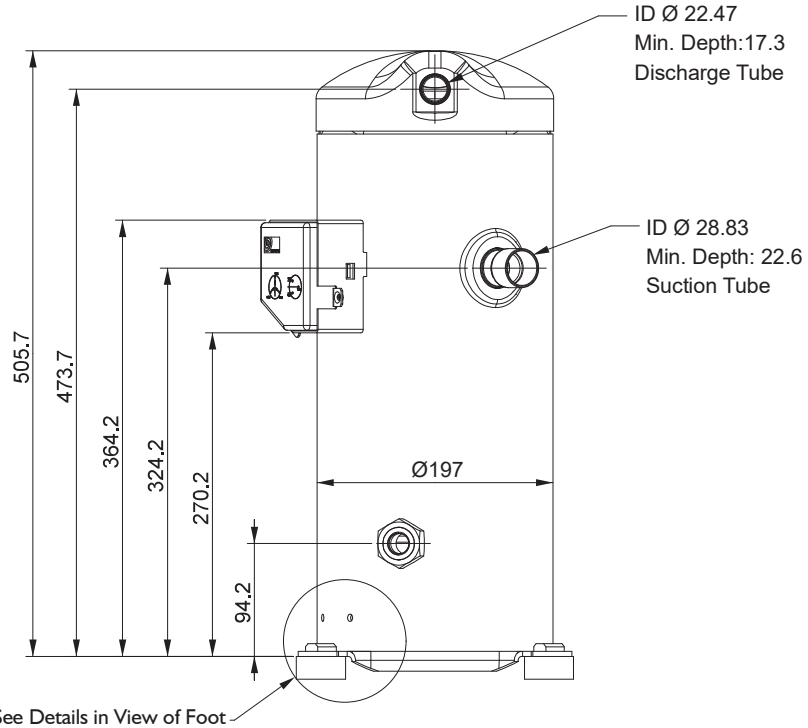
Foot

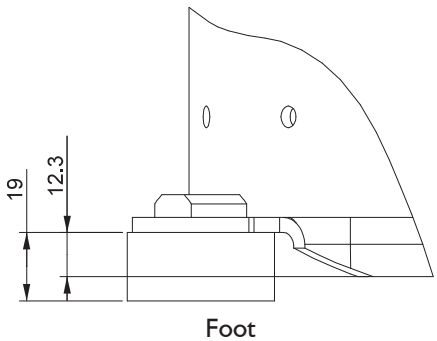
Product Dimensions





Wiring Diagram





Foot