

Mbsm.pro, Compressor, Ph310M2A-4FTS2,
T3, R22, Toshiba, Gmcc, Rotary
Compressor, for Air Conditioner, 1765
w, 19000 btu/h, 50HZ-220/240V, 2.3 hp

Category: Archivation,compressor

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GMCC Rotary Compressor

R410A

1φ-50Hz-220/240V

Model	Displ.	capacity		Power (W)	COP (W/W)	Capacitor (uF/V)	Height (mm)	Discharge Pipe ID (mm)	Suction Pipe ID (mm)
	(cm3/rev)	w	Btu/h						
ASN46V1VAZ1	4.6	1250	4265	320	3.90	15/370	238	8.1	9.8
ASN58V1VZZ1	5.8	1625	5545	411	3.95	20/370	238	8.1	9.8
ASM89V1VFZ	8.9	2485	8479	592	4.20	20/370	290	8.1	12.9
ASM93V11VDZ	9.3	2570	8769	615	4.18	25/370	290	8.1	9.8
ASM99V1VFZ	9.8	2780	9485	650	4.28	25/370	292	8.1	12.9
ASM103V11VDZ	10.3	2900	9895	675	4.30	25/370	292	8.1	9.8
ASM106V1VFT	10.6	3040	10372	710	4.28	25/370	292	8.1	12.9
ASM113V1VDZ	11.3	3215	10970	745	4.32	30/370	292	8.1	9.8
ASM120V1VFT	12.0	3445	11754	805	4.28	30/370	292	8.1	12.9
ASM125V1VFT	12.5	3610	12317	845	4.27	35/370	292	8.1	12.9
ASM130V1VDZ	13.0	3760	12829	885	4.25	35/370	292	8.1	9.8
ASM135V1VFT	13.3	3870	13204	900	4.30	35/370	295	8.1	12.9
ASM140V1VFT	13.9	4060	13853	945	4.30	35/370	292	8.1	12.9
PA150M2A-4FTL	15.0	4300	14672	1025	4.20	35/370	300	8.1	12.9
PA190M2AS-4KUL1	18.9	5460	18630	1270	4.30	45/370	340	8.1	12.9
PA190M2A-4EUL1	18.9	5480	18698	1290	4.25	45/370	325	8.1	12.9
PA200M2A-4EUL	19.9	5760	19653	1405	4.10	50/370	325	8.1	12.9
PA205M2AS-4MUL	20.4	5965	20353	1420	4.20	50/370	345	9.8	16.2
PA196G2C-4MUL	19.6	5665	19329	1335	4.24	55/400	310	9.8	16.2
PA206G2C-4KUL	20.8	5990	20438	1410	4.25	55/400	310	9.8	12.9
PA216G2C-4FTL	21.6	6165	21035	1440	4.28	55/400	310	9.8	12.9
PA231G2C-4MUL	23.1	6760	23065	1565	4.32	50/400	345	9.8	16.2
PA250G2CS-4MUL	25.1	7315	24959	1695	4.32	50/400	345	9.8	16.2
PA270G2CS-4MUL1	27.0	7845	26767	1805	4.35	60/400	345	9.8	16.2
PA280G2CS-4MUL	27.9	8165	27859	1898	4.30	60/400	345	9.8	16.2
PA290G2CS-4MUL	28.7	8485	28951	1975	4.30	60/400	345	9.8	16.2
ASG195V1VMU	19.6	5700	19448	1310	4.35	40/400	310	9.8	16.2
ASK40V11UAZ	4.0	930	3173	365	2.55	15/370	230	8.1	9.8
ASK60V1UAZ	6.0	1475	5033	542	2.72	25/370	230	8.1	9.8
ASN68V1UZZ1	6.8	1695	5783	585	2.90	20/370	250	8.1	9.8
ASN71V1UDD1	7.1	1735	5920	582	2.98	20/370	250	8.1	9.8
ASN76V1UDZ1	7.6	1890	6449	630	3.00	25/370	250	8.1	9.8
ASN82V1UDZ	8.2	2035	6943	690	2.95	25/370	250	8.1	9.8
ASN86V1UDZ	8.6	2140	7302	725	2.95	25/370	250	8.1	9.8
ASN89V1UDZ	8.9	2260	7711	765	2.95	25/370	250	8.1	9.8
ASM99V2UDZ	9.8	2395	8172	788	3.04	25/370	292	8.1	9.8
PA170M2C-4ET2	17.1	4190	14296	1385	3.03	35/400	300	8.1	12.9
PA185M2C-4FT2	18.5	4495	15337	1500	3.00	35/400	300	8.1	12.9
PA200M2A-4ET2	20.0	5000	17060	1695	2.95	40/370	314	9.8	12.9
PA215M2AS-4KU	21.5	5355	18271	1845	2.90	50/400	314	9.8	12.9
PA225M2CS-4KU2	22.4	5500	18766	1835	3.00	50/370	340	8.1	12.9
PA240M2CS-4KU1	23.9	5840	19926	1980	2.95	50/370	340	8.1	12.9
PA260G2C-4FU	26.0	6500	22178	2130	3.05	65/400	310	9.8	12.9
PA270G2CS-4MU1	27.0	6825	23287	2235	3.05	60/400	345	9.8	16.2
PA290G2CS-4MU1	28.7	7295	24891	2410	3.03	50/400	345	9.8	16.2
ATQ375V1UMU	37.7	9615	32806	3255	3.05	75/400	405	9.8	16.2
ATQ390V1UMT	38.9	9825	33523	3190	3.08	70/400	405	9.8	16.2

R410A

1φ-60Hz-208~230V

Model	Displ.	Capacity		Power (W)	COP (W/W)	Capacitor (uF/V)	Height (mm)	Discharge Pipe ID (mm)	Suction Pipe ID (mm)
	(cm3/rev)	w	Btu/h						
ASN53N1UAJ3	5.3	1570	5357	520	3.02	15/370	230	8.1	9.8
ASN58N11VDZ1	5.8	1965	6705	510	3.85	15/370	250	8.1	9.8

ASN68N1UDZ	6.8	2060	7029	676	3.05	20/370	250	8.1	9.8
ASN68N2VDZB1	6.8	2320	7916	568	4.08	20/370	250	8.1	9.8
ASN76N1VDZ1	7.6	2600	8871	650	4.00	20/370	250	8.1	9.8
ASN82N1UDZ	8.2	2515	8581	853	2.95	25/370	250	8.1	9.8
ASN82N2VDZ1	8.2	2815	9605	690	4.08	20/370	250	8.1	9.8
ASN84N1VBZB1	8.3	2865	9775	695	4.12	20/370	250	8.1	9.8
ASN89N1UDZ	8.9	2730	9315	895	3.05	25/370	250	8.1	9.8
ASM103N11UFZ	10.3	3075	10492	975	3.15	35/370	297	8.1	12.9
ASM103N11VEZ	10.3	3565	12164	838	4.25	35/370	290	8.1	12.9
ASM106N1UFT	10.6	3200	10918	1015	3.15	35/370	297	8.1	12.9
ASM106N1VEZ	10.6	3680	12556	860	4.28	35/370	297	8.1	12.9
ASM113N1UFZ	11.3	3380	11533	1073	3.15	40/370	292	8.1	12.9
ASM120N1VDZ	12.0	4160	14194	990	4.20	40/370	292	8.1	9.8
ASM130N1UDZ	13.0	3870	13204	1270	3.05	40/370	292	8.1	9.8
ASM135N1UEZ	13.3	4060	13853	1290	3.15	40/370	297	8.1	12.9
ASM140N1UFT	13.9	4175	14245	1355	3.08	40/370	292	8.1	12.9
PA140M2A-3ET	13.9	4155	14177	1375	3.02	45/400	299	8.1	12.9
PA150M2AS-3KU	15.0	4500	15354	1450	3.10	45/370	321	8.1	12.9
ASF155N1VKP	15.5	5420	18493	1260	4.30	45/400	340	8.1	12.9
PA155M2A-3ETL1	15.7	5395	18408	1250	4.32	45/370	303	9.8	12.9
ASF160N1UEP	16.0	4865	16599	1530	3.18	55/400	314	9.8	12.9
PA160M2A-3ETL	16.0	5630	19210	1325	4.25	45/400	303	9.8	12.9
ASF165N02UFT	16.5	5000	17060	1670	3.00	40/370	340	9.8	12.9
PA165M2A-3ETL	16.5	5760	19653	1355	4.25	45/400	303	9.8	12.9
PA170M2A-3FT1	17.1	5155	17589	1662	3.10	45/370	303	9.8	12.9
ASF200N1UKP	19.9	5930	20233	1900	3.12	55/400	340	9.8	12.9
PA216G2C-3KU	21.5	6620	22587	2150	3.08	60/400	310	9.8	12.9
PA226G2C-3MT	22.3	6790	23167	2220	3.06	60/400	310	9.8	16.2
PA225M2A-3MTU1	22.4	6715	22912	2240	3.00	55/370	322	9.8	16.2
ASG235N1VMT	23.5	8350	28490	1920	4.35	40/400	310	9.8	16.2
PA240M2A-3MTU2	24.0	7220	24635	2475	2.92	55/370	322	9.8	16.2
PA241G2C-3MT3	24.0	7300	24908	2315	3.15	60/400	310	9.8	16.2
PA290G2CS-3MU	28.7	8870	30264	2880	3.08	60/400	344	9.8	16.2
ATG330N1UMU	32.7	10080	34393	3365	3.00	65/400	400	9.8	16.2
ASQ330N1UMU	33.1	9950	33949	3230	3.08	60/400	380	9.8	16.2

R22

1φ-60Hz-208~230V

Model	Displ.	Capacity		Power (W)	COP (W/W)	Capacitor (uF/V)	Height (mm)	Discharge Pipe ID (mm)	Suction Pipe ID (mm)
	(cm3/rev)	w	Btu/h						
HSN76N1UZJ1	7.6	1645	5613	530	3.10	15/370	240	8.1	9.8
HSM130N12UEZ	13.0	2750	9383	846	3.25	30/370	292	8.1	12.9
HSM165N11UEZ	16.5	3500	11942	1060	3.30	40/370	292	8.1	12.9
HSM170N2UFZ	16.9	3540	12078	1115	3.17	40/370	292	8.1	12.9
PH210M2A-3FT	20.9	4610	15729	1365	3.38	45/370	292	8.2	12.9
PH250M2A-3FTU2	24.8	5285	18032	1625	3.25	40/370	292	8.2	12.9
PH260M2AS-3KUU1	26.1	5625	19193	1815	3.10	40/370	333	9.8	12.9
PH300G2C-3KU	29.8	6465	22059	1900	3.40	55/400	310	9.8	12.9
PH310G2C-3KUU	30.8	6780	23133	2085	3.25	55/400	310	9.8	12.9
PH340G2C-3MUU	33.8	7400	25249	2275	3.25	55/400	310	9.8	16.2
PH360G2C-3KUU1	36.0	7775	26528	2550	3.05	55/400	310	9.8	12.9
PH370G2C-3MUU1	37.0	8110	27671	2655	3.05	55/400	310	9.8	16.2
HSN98N2VBZ1	9.8	2305	7865	560	4.12	20/370	250	8.1	9.8
HSN102N1VDZ	10.2	2415	8240	575	4.20	15/370	255	8.1	9.8
HSM145N2VDT	14.6	3480	11874	830	4.19	35/370	292	8.1	9.8

R22

1φ-50Hz-220/240V

Model	Displ.	capacity		Power (W)	COP (W/W)	Capacitor (uF/V)	Height (mm)	Discharge Pipe ID (mm)	Suction Pipe ID (mm)
	(cm3/rev)	w	Btu/h						
HSM135V1UDZ	13.3	2335	7967	708	3.30	25/370	292	8.1	9.8
HSM145V1UFZ	14.6	2568	8762	783	3.28	25/370	292	8.1	12.9
HSM150V5UFZ	15.1	2640	9008	800	3.30	25/370	292	8.1	12.9
HSM155V1UFZ	15.3	2665	9093	815	3.27	25/370	292	8.1	12.9
HSM160V5UFZ	15.8	2755	9400	840	3.28	25/370	292	8.1	12.9
HSM165V1UFZ	16.4	2845	9707	870	3.27	30/370	292	8.1	12.9
HSM165V3UDZ	16.4	2855	9741	915	3.12	30/370	292	8.1	9.8
HSM170V1UFZ	16.9	2920	9963	885	3.30	30/370	292	8.1	12.9
HSM190V1UFT	19.2	3340	11396	1010	3.31	35/370	300	8.1	12.9
HSM195V1UFT	19.7	3400	11601	1045	3.25	35/370	300	8.1	12.9
HSM200V1UFT	20.1	3480	11874	1070	3.25	35/370	300	8.1	12.9
HSM205V1UFT	20.5	3510	11976	1090	3.22	35/370	300	8.1	12.9
HSM210V2UFT	20.9	3650	12454	1170	3.12	35/370	300	8.1	12.9
HSM215V3UFT	21.4	3710	12659	1195	3.10	35/370	300	8.1	12.9
HSM220V3UFT	22.3	3880	13239	1220	3.18	40/370	300	8.1	12.9
PH300G2C-4KU1	29.8	5340	18220	1645	3.25	55/400	297	9.8	12.9
PH310G2C-4KUA	30.8	5440	18561	1635	3.33	55/400	310	9.8	12.9
PH330G2C-4KU	32.8	5845	19943	1745	3.35	60/400	324	9.8	12.9
PH340G2C-4KU	33.7	6050	20643	1805	3.35	60/400	324	9.8	12.9
PH360G2C-4MU1	36.0	6475	22093	2005	3.23	50/400	324	9.8	16.2
PH370G2CS-4MU1	37.0	6650	22690	2065	3.22	50/400	324	9.8	16.2
PH400G2CS-4MU1	39.8	7100	24225	2255	3.15	50/400	354	9.8	16.2
PH420G2CS-4KU1	42.3	7420	25317	2390	3.10	50/400	354	9.8	12.9
PH440G2CS-4MU	43.5	7810	26648	2390	3.27	50/400	354	9.8	16.2

T3-Tropical Condition

R22

1φ-50Hz-220/240V

Model	Displ (cm3/rev)	capacity		Power (W)	COP (W/W)	Capacitor (uF/V)	Height (mm)	Discharge Pipe ID (mm)	Suction Pipe ID (mm)
		w	Btu/h						
PH200M2A-4FTS1	19.9	3555	12130	1095	3.25	35/370	292	8.2	12.9
PH210M2A-4FTS2	20.9	3765	12846	1160	3.25	35/370	292	8.2	12.9
PH310M2AS-4KTS1	31.0	5620	19175	1755	3.20	50/370	348	9.8	12.9
HSG290V1TKT	29.0	5200	17742	1520	3.42	50/400	310	9.8	12.9
HSG310V1TKT	30.9	5540	18902	1630	3.40	45/400	324	9.8	12.9
PH400G2CS-4KTS1	39.8	7080	24157	2250	3.15	60/400	354	9.8	12.9
PH420G2CS-4KTS1	42.3	7540	25726	2370	3.18	60/400	354	9.8	12.9

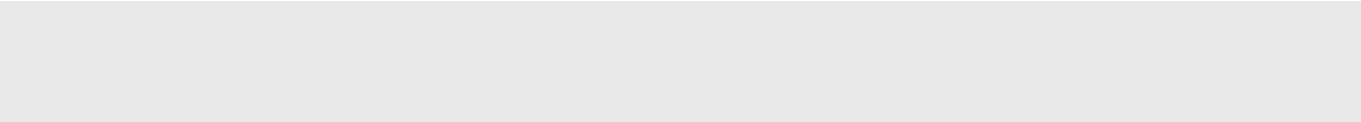
R22

1φ-60Hz-230V

Model	Displ (cm3/rev)	capacity		Power (W)	COP (W/W)	Capacitor (uF/V)	Height (mm)	Discharge Pipe ID (mm)	Suction Pipe ID (mm)
		w	Btu/h						
PH185M2A-3FTS1	18.5	4050	13819	1245	3.25	40/370	292	8.2	12.9
PH240M2A-3FTS1	24.0	5260	17947	1740	3.02	40/370	292	8.2	12.9
PH260M2AS-3KTS2	26.1	5680	19380	1765	3.22	40/400	333	9.8	12.9
PH280M2AS-3KTS1	27.9	6085	20762	2025	3.00	40/400	333	9.8	12.9

DC Inverter Single Cylinder R410A

Model	Displ (cm3/rev)	capacity		Power (W)	COP (W/W)	Height (mm)	Discharge Pipe ID (mm)	Suction Pipe ID (mm)
		w	Btu/h					
ASK75D43UEZ	7.5	2225	7592	582	3.82	238	8.1	9.8
ASK89D53UEZ	8.9	2670	9110	688	3.88	258	8.1	9.8
ASK98D50UFZ	9.8	2930	9997	768	3.82	260	8.1	9.8
ASK103D53UFZ	10.3	3120	10645	805	3.88	258	8.1	12.9
ASK103D59UFZ	10.3	3120	10645	790	3.95	260	8.1	12.9
ASK103D33UEZ3	10.3	3130	10679	786	3.98	260	8.1	12.9
ASK103D43UEZ3	10.3	3130	10679	779	4.02	260	8.1	12.9



T3 Compressor 50HZ-220/240V

Series	Represent ative model	Displacem ent (cm3/rev)	Refrigera ting capacity □W□	Refrigera ting capacity □Btu/h□	Power □W□	Performan ce Ratio □W/W□	Capacitor □μF/V□	Height Of Compresso r □mm□
Inside diameter of exhaust pipe□mm□	Inside diameter of suction pipe□mm□	Remarks						

50HZ-220/240V

M2	PH200M2A-4 FTS1	19.9	3555	12130	1095	3.25	35/370	292
8.2	12.9	--						
M2	PH210M2A-4 FTS2	20.9	3765	12846	1160	3.25	35/370	292
8.2	12.9	--						
M2	PH310M2AS- 4KTS1	31.0	5560	18971	1765	3.15	50/370	348
9.8	12.9	--						
G2	PH340G2C-4 KTS1	33.7	6050	20643	1915	3.16	60/400	310
9.8	12.9	--						

G2	PH360G2C-4 FTS1	36.0	6455	22024	2015	3.20	60/400	324
9.8	16.2	--						
G2	PH400G2CS- 4KTS1	39.8	7115	24276	2235	3.18	60/400	354
9.8	12.9	--						
G2	PH420G2CS- 4KTS1	42.3	7540	25726	2370	3.18	60/400	354
9.8	12.9	--						
G2	PH440G2CS- 4KTS1	43.5	7685	26221	2500	3.07	60/400	354
9.8	12.9	--						
TQ	HTQ540V1TM T	54.0	9720	33165	3240	3.00	70/400	406
9.8	16.2	▲						
TQ	HTQ610V1TM T	61.0	11040	37668	3742	2.95	70/400	406
9.8	16.2	▲						

M2

G2

TQ

R22

1φ-50Hz-220/240V

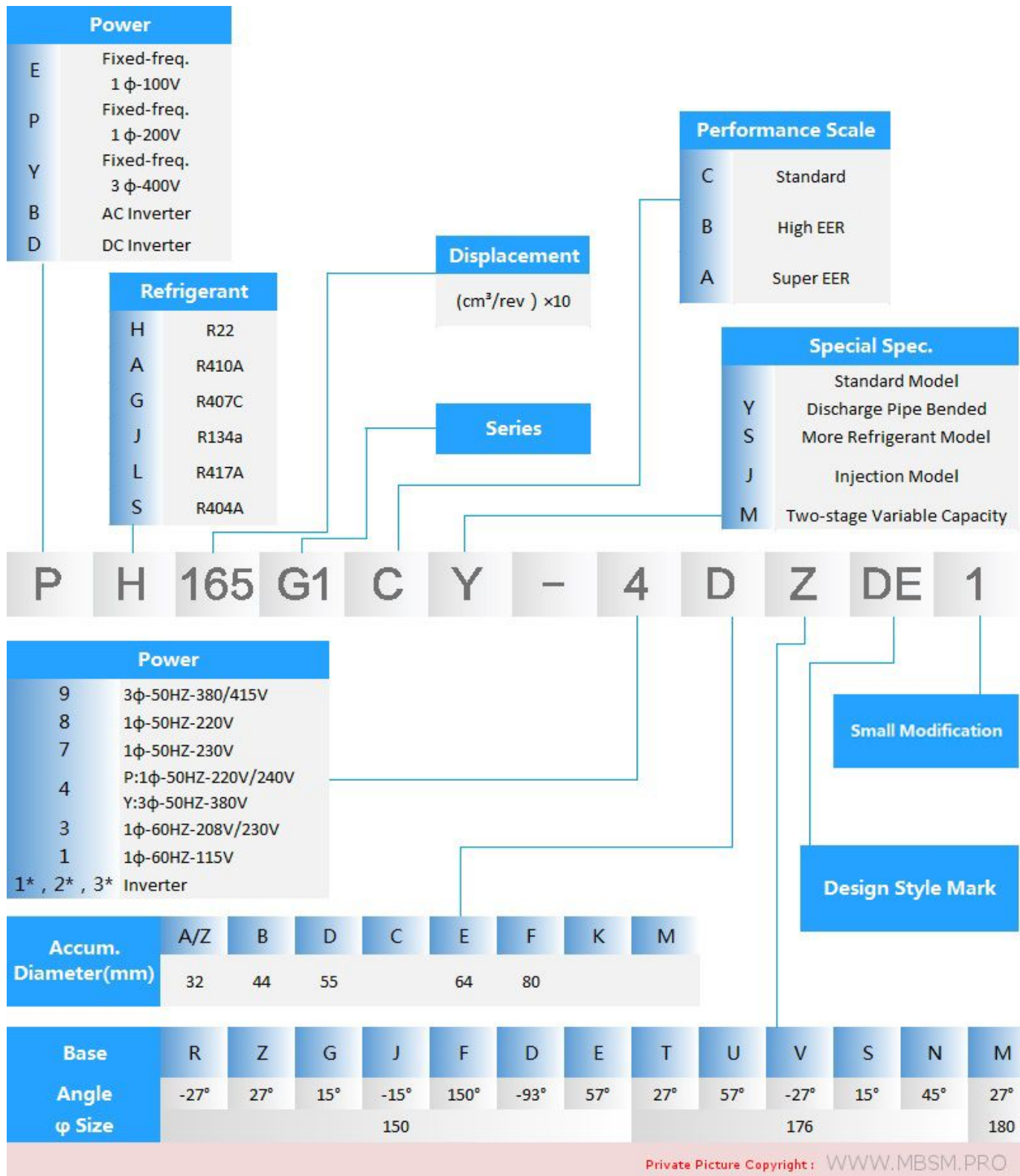
Model	Displ (cm3/rev)	capacity		Power (W)	COP (W/W)	Capacitor (uF/V)	Height (mm)	Discharge Pipe ID (mm)	Suction Pipe ID (mm)
		w	Btu/h						
PH200M2A-4FTS1	19.9	3555	12130	1095	3.25	35/370	292	8.2	12.9
PH210M2A-4FTS2	20.9	3765	12846	1160	3.25	35/370	292	8.2	12.9
PH310M2AS-4KTS1	31.0	5620	19175	1755	3.20	50/370	348	9.8	12.9
HSG290V1TKT	29.0	5200	17742	1520	3.42	50/400	310	9.8	12.9
HSG310V1TKT	30.9	5540	18902	1630	3.40	45/400	324	9.8	12.9
PH400G2CS-4KTS1	39.8	7080	24157	2250	3.15	60/400	354	9.8	12.9
PH420G2CS-4KTS1	42.3	7540	25726	2370	3.18	60/400	354	9.8	12.9

R22

1φ-60Hz-230V

Model	Displ (cm3/rev)	capacity		Power (W)	COP (W/W)	Capacitor (uF/V)	Height (mm)	Discharge Pipe ID (mm)	Suction Pipe ID (mm)
		w	Btu/h						
PH185M2A-3FTS1	18.5	4050	13819	1245	3.25	40/370	292	8.2	12.9
PH240M2A-3FTS1	24.0	5260	17947	1740	3.02	40/370	292	8.2	12.9
PH260M2AS-3KTS2	26.1	5680	19380	1765	3.22	40/400	333	9.8	12.9
PH280M2AS-3KTS1	27.9	6085	20762	2025	3.00	40/400	333	9.8	12.9







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