

# AISLU

Climate System

- Constant-speed rotary compressor

**R22 Constant-speed**

**220V 1phase 50Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH108X1C-8DZD2	10.8	1820	6210	595	3.06	25/370
PH120X1C-8DZD2	12.2	2090	7131	680	3.07	25/370
PH135X1C-8DZD2	13.6	2280	7775	750	3.04	25/370
PH150X1C-8DZD2	14.8	2500	8525	820	3.05	25/370
PH155X1C-8DZD2	15.4	2600	8866	850	3.06	25/370
PH160X1C-8DZD2	16.1	2720	9275	890	3.06	25/370
PH165X1C-8DZD2	16.5	2810	9582	920	3.05	25/370
PH170X1C-8DZD2	17.1	2920	9957	960	3.04	25/370
PH180X1C-8DZD2	17.8	3050	10401	1025	2.98	25/370
PH130X1C-8FZD3	13.1	2235	7621	710	3.15	25/370
PH150X1C-8FTD3	14.8	2550	8696	810	3.15	25/370
PH160X1C-8FTD3	16.1	2770	9446	880	3.15	30/370
PH165X1C-8FTD3	16.5	2815	9599	895	3.15	30/370
PH170X1C-8FTD3	17.1	2945	10042	935	3.15	30/370
PH180X1C-8FTD3	17.8	3040	10366	965	3.15	30/370

**220/240V 1phase 50Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH108X1C-4DZDE2	10.8	1820/1840	6210/6274	595/615	3.06/2.99	25/370
PH120X1C-4DZDE2	12.2	2090/2110	7131/7195	680/695	3.10/3.04	25/370
PH135X1C-4DZDE2	13.6	2280/2300	7775/7843	750/770	3.04/2.99	25/370
PH150X1C-4DZDE2	14.8	2500/2535	8525/8644	820/855	3.05/2.96	25/370
PH160X1C-4DZDE2	16.1	2720/2750	9275/9478	890/920	3.06/2.99	25/370
PH165X1C-4DZDE2	16.5	2810/2840	9582/9684	920/950	3.05/2.99	25/370
PH170X1C-4DZDE2	17.1	2920/2940	9957/10025	970/1020	3.01/2.88	25/370
PH180X1C-4DZDE2	17.8	3050/3080	10401/10503	1025/1065	2.98/2.89	25/370
PH130X1C-4DZDE3	13.1	2210/2230	7356/7604	710/735	3.11/3.03	25/370
PH150X1C-4DZDE3	14.8	2520/2535	8593/8644	810/850	3.11/2.98	30/370
PH160X1C-4DZDE3	16.1	2730/2740	9309/9343	880/915	3.10/2.99	30/370
PH165X1C-4DZDE3	16.5	2795/2820	9531/9616	895/930	3.12/3.03	30/370
PH170X1C-4DZDE3	17.1	2920/2950	9957/10060	935/965	3.12/3.06	30/370
PH180X1C-4DZDE3	17.8	3015/3060	10281/10435	965/1000	3.12/3.06	30/370

**R22 Constant-speed**

**208/230V 1phase 60Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH108X1C-3BZDU2	10.8	2235/2240	7621/7638	710/720	3.15/3.11	30/370
PH120X1C-3DZDU3	12.2	2550/2580	8696/8798	805/830	3.17/3.11	30/370
PH135X1C-3DZDU2	13.6	2830/2850	9650/9719	920/950	3.08/3.00	35/370
PH150X1C-3DZDU	14.8	3070/3100	10469/10571	980/995	3.13/3.12	35/370
PH160X1C-3DZDU	16.1	3330/3370	11355/11492	1065/1070	3.13/3.15	35/370
PH160X1C-3DZDU2	16.1	3320/3340	11321/11389	1090/1120	3.05/2.98	35/370
PH180X1C-3FTU2	17.8	3760/3790	12822/12924	1220/1260	3.08/3.01	35/370

**115V 1phase 60Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
EH108X1C-1BZDU3	10.8	2235	7621	710	3.15	30/250
EH118X1C-1DZDU3	11.8	2440	8320	775	3.15	45/250
EH120X1C-1DZDU2	12.2	2550	8696	810	3.15	45/250
EH130X1C-1DZDU3	13.1	2725	9292	865	3.15	45/250
EH135X1C-1DZDU2	13.6	2820	9616	925	3.05	45/250
EH150X1C-1DZDU3	14.8	3070	10469	990	3.10	45/250
EH160X1C-1DZDU3	16.1	3350	11424	1080	3.10	45/250
EH170X1C-1DTDU3	17.1	33570	12174	1150	3.10	45/250
EH180X1C-1DTDU3	17.8	3695	12600	1220	3.08	45/250

**R22 Constant-speed**
**220V 1phase 50Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH195X2C-8FTC	19.3	3330	11355	1080	3.08	25/370
PH200X2C-8FTC	20.0	3470	11833	1135	3.06	25/370
PH215X2C-8FTC	21.6	3750	12788	1210	3.10	35/370
PH225X2C-8FTC	22.4	3870	13197	1250	3.10	35/370
PH230X2C-8FTC	23.1	3990	13606	1310	3.05	35/370
PH240X2C-8FTC	23.9	4140	14117	1355	3.06	35/370
PH260X2C-8FTC1	26.2	4600	15686	1510	3.05	35/370
PH280X2C-8FTC1	28.1	4900	16709	1570	3.12	30/370
PH290X2C-8FTC1	29.0	5110	17425	1650	3.10	30/370
PH295X2C-8FTC1	29.4	5180	17664	1670	3.10	35/370
PH310X2CS-8KUC1	30.8	5410	18448	1815	2.98	40/370
PH330X2CS-8FKUC3	32.8	5720	19505	1920	2.98	40/370
PH340X2CS-8FKUC1	33.8	5860	19983	1890	3.10	45/370
PH185X2C-8FTC1	18.4	3180	10844	1000	3.18	35/370
PH195X2C-8FTC1	19.3	3310	11287	1050	3.15	35/370
PH200X2C-8FTC1	20.0	3465	11816	1100	3.15	30/370
PH200X2C-8FTC1	20.0	3440	11730	1080	3.19	35/370
PH225X2C-8FTC3	21.6	3720	12685	1180	3.15	35/370
PH215X2C-8FTC1	22.4	3870	13197	1230	3.15	35/370
PH225X2C-8FTC3	22.4	3870	13197	1215	3.19	35/370
PH230X2C-8FTC1	23.1	3990	13606	1270	3.14	35/370
PH240X2C-8FTC1	23.9	4100	13981	1280	3.20	35/370
PH250X2C-8FTC	25.0	4365	14885	1365	3.20	35/370
PH260X2CS-8KUC3	26.2	4530	15447	1440	3.15	35/400
PH261X2CS-8KUC1	26.2	4660	15891	1480	3.15	35/400
PH270X2CS-8KUC1	27.0	4780	16300	1520	3.14	35/400
PH290X2CS-8KUC3	29.0	5050	17220	1590	3.18	35/400
PH295X2C-8KUC3	29.4	5150	17562	1620	3.18	35/400
PH310X2CS-8KUC3	30.8	5350	18244	1690	3.17	35/400
PH330X2CS-8KUC4	32.8	5700	19437	1850	3.08	50/400
PH340X2C-8KUC2	33.8	5850	19949	1850	3.16	50/400

**R22 Constant-speed**

**220/240V 1phase 50Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH200X2C-4FT	20.0	3470/3505	11833/11952	1135/1160	3.06/3.02	25/370
PH200X2C-4FT1	20.0	3465/3475	11816/11850	1100/1135	3.15/3.06	30/370
PH215X2C-4FT	21.6	3750/3760	12788/12822	1210/1255	3.10/3.00	35/370
PH225X2C-4FT	22.4	3870/3900	13197/13299	1250/1285	3.10/3.04	35/370
PH230X2C-4FT	23.1	3990/4050	13606/13811	1310/1345	3.05/3.01	35/370
PH240X2C-4FT	23.9	4140/4180	14117/14254	1355/1380	3.06/3.03	35/370
PH260X2C-4FT1	26.2	4550/4620	15516/15754	1510/1580	3.05/2.92	35/370
PH260X2C-4FT3	26.2	4530/4620	15447/15601	1440/1500	3.15/3.05	35/370
PH280X2C-4FT1	28.1	4890/4925	16675/16794	1580/1670	3.09/2.95	35/370
PH290X2C-4FT1	29.0	5100/5130	17391/17493	1670/1760	3.05/2.91	35/370
PH295X2C-4FT1	29.4	5130/5160	17493/17596	1680/1780	3.05/2.90	35/370
PH330X2CS-4KU3	32.8	5720/5700	19505/19676	1920/2060	2.98/2.80	40/370
PH340X2CS-4KU1	33.8	5860/5900	19983/20119	1890/190	3.10/2.96	45/400
PH240X2C-4FT1	23.9	4100/4120	13981/14049	1280/1320	3.20/3.12	35/370
PH340X2CS-4KU2	33.8	5850/5900	19949/20119	1850/1950	3.16/3.03	50/370

**208/230V 1phase 60Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH195X2C-3FTU	19.3	4090/4130	13947/14083	1270/1270	3.22/3.25	40/370
PH195X2C-3FTU1	19.3	3970/4020	13538/13708	1295/1325	3.07/3.03	40/370
PH225X2C-3FTU	22.4	4760/4800	16232/16368	1500/1530	3.17/3.14	40/370
PH240X2C-3FTU1	23.9	5070/5120	17289/17459	1600/1620	3.17/3.16	40/370
PH260X2C-3KUU1	26.2	5550/5600	18926/19096	1790/1865	3.10/3.00	40/370
PH290X2C-3FTU1	29.0	6130/6220	20903/21210	1990/2080	3.08/2.99	50/370
PH290X2CS-3KUU1	29.0	6130/6220	20903/21210	1990/2080	3.08/2.99	50/370

**R22 Constant-speed**
**220V 1phase 50Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH360X3C-8KUC1	35.7	6220	21210	2040	3.05	50/400
PH361X3CS-8KUC2	35.7	6180	21074	1900	3.11	50/400
PH400X3CS-8KUC1	40.2	6920	23597	2245	3.08	50/400
PH420X3CS-8MUC1	42.0	7400	25234	2370	3.12	50/400
PH440X3CS-8MUC1	43.5	7650	26087	2510	3.05	50/400
PH460X3CS-8MUC1	45.9	8060	27485	2600	3.10	55/400
PH480X3CS-8MUC1	47.9	8460	28849	2730	3.10	55/400
PH370X3CS-8MUC1	37.0	6560	22370	2095	3.13	45/400
PH400X3CS-8MUC3	40.2	7080	24143	2230	3.17	50/400
PH420X3CS-8MUC3	42.0	7400	25234	2330	3.18	50/400
PH440X3CS-8MUC3	43.5	7650	26087	2440	3.14	50/400

**220/240V 1phase 50Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH340X3C-4KU1	34.2	5950/6000	20290/20460	1945/2045	3.06/2.93	50/400
PH360X3C-4KU1	35.7	5960/6010	20323/20494	1940/2045	3.08/2.94	50/400
PH370X3CS-4MU1	37.0	6560/6580	22369/22438	2095/2175	3.13/3.03	45/400
PH400X3CS-4KU1	40.2	6920/6945	23597/23682	2245/2360	3.08/2.94	50/400
PH420X3CS-4MU1	42.0	7400/7430	25234/25336	2370/2480	3.12/3.00	50/400
PH440X3CS-4MU1	43.5	7650/7650	26087/26087	2510/2690	3.05/2.84	50/400
PH460X3CS-4MU1	45.9	8060/8150	27485/27792	2600/2760	3.10/2.95	55/400
PH480X3CS-4MU1	47.9	8460/8520	28849/29053	2730/2890	3.10/2.95	55/400

**380/415V 3phase 50Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
YH440X3CS-4KUC1	43.5	7540	25711	2400	3.14	/
YH460X3CS-4MUC1	45.9	8000	27280	2580	3.10	/
YH480X3CS-4MUC1	47.9	8350	28474	2690	3.10	/

**380/415V 3phase 50Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH360X3CS-KUU1	35.7	7530/7620	25677/25984	2470/2500	3.05/3.05	55/400

**R22 Constant-speed**
**115V 1phase60Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
EH72G0C-1AJDU	7.2	1480	5047	470	3.15	35/250
EH75G0C-1AZDU	7.5	1550	5286	495	3.15	35/250
EH82G0C-1AJDU	8.2	1700	5797	540	3.15	35/250
EH86G0C-1AGDU	8.6	1790	6104	570	3.15	35/250

**220/240V 1phase50Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH340X3C-4FVS1	34.2	5952/5983	20296/20402	1992/2134	2.99/2.80	50/400
PH340X3C-4KUS1	34.2	5965/6090	20341/20767	1990/2145	3.00/2.84	50/400
PH360X3C-4KUS1	35.7	6250/6300	21313/21483	2060/2200	3.03/2.86	50/400
PH400X3C-4KUS1	40.2	7030/7070	23972/24109	2320/2515	3.03/2.81	55/400
PH440X3C-4KUS1	43.5	7560/7600	25780/25916	2490/2670	3.04/2.85	60/400
Injection Model:						
PH440X3CJ-4MTS	43.5	7580/7620	25848/25984	2510/2670	3.02/2.85	60/400

**220/240V 1phase50Hz**

Model Number	Displacement (cm <sup>3</sup> /rev))	Cooling capacity		Input Power (W)	COP (W/W)	Capacitor (μF-V)
		W	Btu/H			
PH370X3C-3KTS1	37.0	7850/7920	26769/27007	2620/2760	3.00/2.87	55/400
Injection Model:						
PH370X3CJ-4MTS	37.0	7920/7980	27007/27212	2595/2700	3.05/2.96	55/400