

Benefits

- All condenser coils supplied with "Patton Coat" fin and coil protective coating
- Dual pressure control (Convertible reset) fitted on all models
- Generously sized high ambient condensers
- Oil separator fitted on all models
- Suction accumulator fitted on all models
- Reliable high efficiency Frascold compressors
- High efficiency, low noise external rotor fan motors
- Liquid line drier & sight glass fitted on all models
- Electrical box fully wired complete with main isolator switch



WRF | Blue Line Series

Condensing Unit

Models	Nom HP	Com PH	Amb (°C)	Capacity (kW)								Power Input (kW)							
				Evaporating Temp (°C)								Evaporating Temp (°C)							
				-30	-25	-20	-15	-10	-5	0	5	-30	-25	-20	-15	-10	-5	0	5
WRF315-600-402	3.00	3	32	3.84	4.80	5.92	7.21	8.64	10.24	11.99	13.93	3.01	3.33	3.67	4.01	4.35	4.66	4.95	5.21
			35	3.64	4.56	5.63	6.84	8.21	9.73	11.38	13.21	3.05	3.38	3.74	4.10	4.46	4.80	5.12	5.41
			38	3.45	4.33	5.34	6.48	7.77	9.20	10.77	12.51	3.09	3.43	3.80	4.18	4.56	4.93	5.28	5.59
			40	3.33	4.18	5.15	6.25	7.48	8.85	10.36	12.02	3.11	3.46	3.84	4.23	4.62	5.01	5.38	5.72
			43	3.14	3.94	4.85	5.88	7.04	8.34	9.76	11.32	3.16	3.51	3.90	4.31	4.72	5.13	5.52	5.89
WRF521-650-402	5.00	3	32	4.45	5.92	7.57	9.38	11.38	13.54	15.85	18.30	3.18	3.68	4.16	4.62	5.04	5.43	5.77	6.07
			35	4.15	5.56	7.13	8.87	10.77	12.81	15.02	17.37	3.18	3.71	4.22	4.70	5.15	5.56	5.93	6.25
			38	3.84	5.20	6.70	8.35	10.16	12.11	14.19	16.43	3.17	3.73	4.27	4.77	5.25	5.68	6.08	6.42
			40	3.64	4.96	6.42	8.01	9.75	11.62	13.65	15.80	3.16	3.74	4.29	4.82	5.31	5.76	6.17	6.53
			43	3.34	4.60	5.99	7.50	9.14	10.92	12.82	14.83	3.14	3.74	4.32	4.87	5.38	5.86	6.29	6.68
WRF525-900-502	5.00	3	32	5.66	7.27	9.12	11.23	13.59	16.22	19.10	22.19	4.36	4.86	5.36	5.86	6.36	6.85	7.34	7.84
			35	5.35	6.88	8.66	10.66	12.92	15.40	18.11	21.06	4.39	4.92	5.45	5.98	6.51	7.04	7.57	8.10
			38	5.03	6.51	8.19	10.10	12.21	14.57	17.16	19.94	4.42	4.97	5.53	6.09	6.66	7.22	7.78	8.36
			40	4.82	6.25	7.88	9.71	11.76	14.02	16.51	19.20	4.43	5.00	5.58	6.16	6.75	7.34	7.92	8.51
			43	4.51	5.87	7.41	9.13	11.08	13.20	15.52	18.07	4.43	5.03	5.64	6.26	6.88	7.50	8.13	8.75
WRF728-1000-502	7.00	3	32	6.68	8.58	10.72	13.14	15.84	18.83	22.11	25.62	5.05	5.61	6.17	6.72	7.28	7.85	8.44	9.05
			35	6.33	8.13	10.19	12.49	15.08	17.91	21.01	24.37	5.10	5.69	6.27	6.86	7.45	8.06	8.68	9.33
			38	5.97	7.69	9.64	11.84	14.29	16.99	19.95	23.12	5.15	5.76	6.38	7.00	7.63	8.26	8.92	9.61
			40	5.74	7.40	9.28	11.42	13.77	16.37	19.21	22.30	5.18	5.81	6.45	7.09	7.74	8.40	9.08	9.79
			43	5.37	6.96	8.75	10.76	12.97	15.44	18.11	21.04	5.22	5.88	6.55	7.22	7.90	8.60	9.32	10.06
WRF733-1000-502	7.00	3	32	7.75	9.83	12.21	14.88	17.90	21.19	24.77	28.58	5.67	6.28	6.95	7.66	8.40	9.15	9.91	10.67
			35	7.32	9.33	11.60	14.16	17.01	20.12	23.49	27.17	5.73	6.36	7.06	7.80	8.58	9.38	10.18	10.97
			38	6.90	8.81	10.99	13.41	16.10	19.05	22.25	25.70	5.79	6.44	7.17	7.95	8.76	9.60	10.45	11.29
			40	6.62	8.47	10.58	12.93	15.51	18.37	21.44	24.74	5.82	6.50	7.24	8.04	8.88	9.74	10.62	11.50
			43	6.19	7.97	9.96	12.18	14.62	17.30	20.20	23.32	5.89	6.58	7.36	8.19	9.06	9.97	10.89	11.81
WRF1242-1500-632	12.00	3	32	9.12	11.80	14.89	18.38	22.30	26.65	31.38	36.53	6.39	7.20	8.04	8.91	9.79	10.70	11.63	12.57
			35	8.56	11.11	14.06	17.37	21.14	25.29	29.86	34.77	6.42	7.26	8.14	9.05	9.99	10.94	11.92	12.93
			38	8.00	10.43	13.23	16.41	20.00	23.94	28.29	33.03	6.43	7.31	8.23	9.18	10.16	11.18	12.21	13.27
			40	7.63	9.97	12.70	15.77	19.24	23.05	27.30	31.89	6.43	7.33	8.28	9.26	10.27	11.32	12.39	13.49
			43	7.07	9.30	11.88	14.79	18.06	21.71	25.74	30.15	6.42	7.36	8.34	9.37	10.43	11.53	12.65	13.80
WRF1552-2050-632	15.00	3	32	12.87	16.33	20.16	24.39	29.13	34.33	40.06	46.33	8.41	9.43	10.49	11.60	12.73	13.88	15.03	16.17
			35	12.15	15.51	19.19	23.26	27.76	32.74	38.23	44.15	8.55	9.61	10.73	11.89	13.08	14.29	15.51	16.74
			38	11.45	14.71	18.25	22.17	26.44	31.15	36.32	41.96	8.68	9.77	10.94	12.15	13.40	14.68	15.98	17.27
			40	10.96	14.16	17.60	21.39	25.56	30.09	35.04	40.53	8.76	9.87	11.07	12.32	13.60	14.93	16.27	17.60
			43	10.22	13.34	16.64	20.25	24.18	28.49	33.20	38.35	8.86	10.01	11.24	12.54	13.89	15.27	16.67	18.09
WRF2056-2400-632	20.00	3	32	14.22	18.01	22.21	26.84	32.03	37.72	43.97	50.71	9.06	10.17	11.36	12.61	13.89	15.21	16.55	17.91
			35	13.46	17.14	21.19	25.66	30.54	35.98	41.89	48.33	9.20	10.34	11.57	12.87	14.23	15.61	17.03	18.46
			38	12.66	16.24	20.16	24.42	29.10	34.24	39.88	46.03	9.33	10.51	11.77	13.13	14.54	15.99	17.46	18.96
			40	12.13	15.64	19.45	23.57	28.13	33.08	38.49	44.38	9.41	10.61	11.90	13.28	14.72	16.22	17.74	19.29
			43	11.35	14.75	18.41	22.37	26.68	31.33	36.48	42.08	9.52	10.74	12.06	13.48	14.98	16.53	18.12	19.73

Note: The rating condition is based on a suction return 20 °C , Subcool 3 K



R448A Dew Point

WRF | Blue Line Series

Condensing Unit

Models	Nom HP	Com PH	Amb (°C)	Capacity (kW)								Power Input (kW)							
				Evaporating Temp (°C)								Evaporating Temp (°C)							
				-30	-25	-20	-15	-10	-5	0	5	-30	-25	-20	-15	-10	-5	0	5
WRF315-600-402	3.00	3	32	3.18	4.17	5.32	6.68	8.23	9.99	11.98	14.21	2.31	2.61	2.92	3.24	3.56	3.89	4.22	4.55
			35	3.01	3.96	5.08	6.37	7.87	9.56	11.49	13.64	2.32	2.64	2.97	3.31	3.65	4.00	4.35	4.71
			38	2.83	3.75	4.82	6.07	7.51	9.15	11.00	13.07	2.33	2.66	3.01	3.37	3.74	4.11	4.48	4.86
			40	2.72	3.62	4.65	5.86	7.26	8.86	10.67	12.71	2.33	2.68	3.04	3.41	3.79	4.17	4.56	4.96
			43	2.55	3.41	4.41	5.56	6.90	8.44	10.18	12.13	2.32	2.69	3.07	3.46	3.86	4.27	4.68	5.10
WRF521-650-402	5.00	3	32	4.37	5.67	7.20	8.96	11.00	13.32	15.94	18.86	2.97	3.39	3.83	4.27	4.73	5.21	5.70	6.21
			35	4.12	5.39	6.85	8.54	10.50	12.74	15.28	18.11	3.00	3.44	3.90	4.37	4.85	5.35	5.86	6.40
			38	3.88	5.09	6.50	8.14	10.02	12.17	14.61	17.36	3.02	3.48	3.96	4.45	4.96	5.48	6.02	6.58
			40	3.73	4.91	6.27	7.86	9.68	11.79	14.17	16.85	3.03	3.50	4.00	4.51	5.03	5.57	6.12	6.70
			43	3.51	4.63	5.94	7.45	9.21	11.23	13.54	16.11	3.03	3.53	4.04	4.58	5.12	5.68	6.26	6.85
WRF525-900-502	5.00	3	32	5.15	6.72	8.55	10.66	13.10	15.88	19.01	22.55	3.79	4.28	4.79	5.30	5.82	6.35	6.87	7.39
			35	4.87	6.38	8.13	10.17	12.51	15.20	18.21	21.61	3.82	4.33	4.86	5.41	5.96	6.51	7.07	7.62
			38	4.60	6.04	7.72	9.67	11.93	14.49	17.43	20.70	3.84	4.38	4.93	5.50	6.08	6.66	7.24	7.83
			40	4.41	5.82	7.45	9.36	11.53	14.03	16.90	20.08	3.85	4.40	4.97	5.56	6.15	6.76	7.36	7.96
			43	4.15	5.49	7.05	8.86	10.96	13.35	16.09	19.17	3.86	4.42	5.02	5.63	6.25	6.88	7.51	8.15
WRF728-1000-502	7.00	3	32	5.79	7.59	9.67	12.07	14.88	18.05	21.63	25.67	4.16	4.71	5.28	5.86	6.43	7.01	7.61	8.20
			35	5.48	7.20	9.19	11.52	14.21	17.25	20.73	24.61	4.18	4.76	5.36	5.97	6.58	7.20	7.83	8.47
			38	5.17	6.82	8.73	10.96	13.54	16.48	19.81	23.59	4.19	4.80	5.43	6.07	6.72	7.38	8.05	8.73
			40	4.97	6.57	8.42	10.60	13.10	15.96	19.21	22.88	4.19	4.82	5.46	6.13	6.80	7.49	8.19	8.89
			43	4.66	6.19	7.96	10.04	12.43	15.19	18.32	21.85	4.20	4.84	5.51	6.21	6.92	7.64	8.38	9.13
WRF733-1000-502	7.00	3	32	6.93	8.99	11.38	14.14	17.27	20.84	24.85	29.29	4.78	5.45	6.15	6.87	7.62	8.37	9.13	9.90
			35	6.59	8.58	10.86	13.51	16.53	19.96	23.83	28.09	4.82	5.52	6.25	7.01	7.79	8.59	9.39	10.20
			38	6.25	8.15	10.35	12.87	15.79	19.06	22.77	26.89	4.85	5.58	6.35	7.14	7.96	8.79	9.63	10.48
			40	6.03	7.86	9.99	12.46	15.26	18.46	22.10	26.10	4.87	5.62	6.40	7.22	8.07	8.92	9.79	10.66
			43	5.68	7.44	9.47	11.82	14.51	17.59	21.02	24.89	4.89	5.66	6.48	7.33	8.21	9.10	10.01	10.92
WRF1242-1500-632	12.00	3	32	8.37	10.97	14.00	17.53	21.61	26.28	31.56	37.47	5.91	6.75	7.59	8.41	9.22	10.01	10.79	11.55
			35	7.93	10.43	13.32	16.71	20.61	25.12	30.19	35.93	5.93	6.82	7.71	8.58	9.44	10.28	11.10	11.90
			38	7.47	9.86	12.65	15.89	19.66	23.98	28.89	34.40	5.94	6.88	7.81	8.74	9.64	10.53	11.39	12.24
			40	7.17	9.50	12.20	15.37	19.03	23.22	27.99	33.35	5.94	6.91	7.88	8.83	9.76	10.68	11.58	12.46
			43	6.73	8.96	11.54	14.56	18.05	22.09	26.70	31.84	5.95	6.94	7.96	8.96	9.94	10.90	11.84	12.77
WRF1552-2050-632	15.00	3	32	9.72	12.94	16.66	21.01	26.01	31.75	38.16	45.38	6.58	7.69	8.78	9.85	10.89	11.89	12.85	13.72
			35	9.13	12.19	15.78	19.97	24.74	30.24	36.43	43.34	6.59	7.75	8.89	10.01	11.11	12.16	13.16	14.08
			38	8.55	11.48	14.90	18.89	23.49	28.78	34.70	41.39	6.60	7.78	8.97	10.15	11.30	12.40	13.44	14.39
			40	8.15	11.02	14.33	18.20	22.65	27.78	33.57	40.06	6.61	7.78	9.01	10.23	11.41	12.54	13.60	14.58
			43	7.57	10.31	13.46	17.17	21.39	26.27	31.85	38.11	6.62	7.76	9.04	10.31	11.54	12.71	13.81	14.83
WRF2056-2400-632	20.00	3	32	11.48	15.03	19.17	23.97	29.47	35.72	42.75	50.57	7.35	8.51	9.68	10.84	11.99	13.12	14.22	15.30
			35	10.86	14.26	18.23	22.82	28.13	34.11	40.91	48.49	7.35	8.57	9.80	11.03	12.23	13.43	14.58	15.71
			38	10.23	13.49	17.28	21.70	26.73	32.55	39.06	46.32	7.36	8.61	9.90	11.18	12.46	13.70	14.91	16.10
			40	9.81	12.97	16.68	20.92	25.83	31.47	37.78	44.90	7.37	8.62	9.95	11.27	12.58	13.86	15.12	16.34
			43	9.19	12.21	15.74	19.81	24.48	29.86	35.93	42.82	7.38	8.62	10.00	11.38	12.75	14.09	15.40	16.66

Note: The rating condition is based on a suction return 20 °C , Subcool 3 K

R134a

WRF | Blue Line Series

Condensing Unit

Models	Nom HP	Com PH	Amb (°C)	Capacity (kW)							Power Input (kW)						
				Evaporating Temp (°C)							Evaporating Temp (°C)						
				-20	-15	-10	-5	0	5	10	-20	-15	-10	-5	0	5	10
WRF315-600-402	3.00	3	32	3.09	4.02	5.11	6.37	7.81	9.43	11.26	1.80	1.99	2.19	2.40	2.63	2.87	3.14
			35	2.93	3.84	4.89	6.11	7.51	9.09	10.86	1.81	2.00	2.21	2.43	2.66	2.92	3.19
			38	2.76	3.65	4.68	5.86	7.21	8.75	10.45	1.82	2.01	2.22	2.45	2.70	2.96	3.24
			40	2.65	3.52	4.54	5.69	7.01	8.51	10.19	1.83	2.02	2.23	2.47	2.72	2.98	3.27
			43	2.48	3.33	4.32	5.44	6.72	8.16	9.79	1.84	2.04	2.25	2.49	2.74	3.02	3.32
WRF521-650-402	5.00	3	32	3.90	5.13	6.63	8.40	10.43	12.74	15.35	2.33	2.58	2.83	3.09	3.35	3.60	3.85
			35	3.69	4.88	6.32	8.03	10.01	12.25	14.78	2.35	2.61	2.89	3.17	3.44	3.72	4.00
			38	3.47	4.62	6.03	7.67	9.59	11.77	14.20	2.37	2.65	2.93	3.23	3.53	3.83	4.14
			40	3.33	4.46	5.82	7.43	9.30	11.43	13.82	2.38	2.67	2.96	3.27	3.59	3.91	4.22
			43	3.11	4.20	5.53	7.08	8.88	10.94	13.25	2.39	2.69	3.00	3.33	3.67	4.00	4.35
WRF525-900-502	5.00	3	32	5.53	7.01	8.75	10.76	13.07	15.70	18.65	3.32	3.60	3.87	4.15	4.42	4.67	4.90
			35	5.29	6.74	8.43	10.37	12.62	15.14	18.00	3.38	3.67	3.97	4.28	4.57	4.86	5.13
			38	5.06	6.47	8.10	9.99	12.14	14.59	17.35	3.43	3.75	4.07	4.40	4.73	5.05	5.35
			40	4.89	6.29	7.89	9.72	11.84	14.22	16.91	3.47	3.79	4.14	4.49	4.83	5.17	5.50
			43	4.65	6.01	7.56	9.34	11.36	13.67	16.25	3.51	3.86	4.23	4.60	4.98	5.36	5.72
WRF728-1000-502	7.00	3	32	5.46	7.07	9.02	11.32	13.98	17.00	20.42	3.58	3.91	4.24	4.57	4.89	5.22	5.55
			35	5.20	6.76	8.65	10.87	13.44	16.38	19.68	3.62	3.97	4.32	4.67	5.03	5.39	5.75
			38	4.95	6.46	8.29	10.42	12.91	15.75	18.93	3.64	4.01	4.39	4.77	5.16	5.55	5.95
			40	4.78	6.26	8.03	10.12	12.55	15.32	18.44	3.66	4.04	4.44	4.83	5.24	5.65	6.07
			43	4.52	5.95	7.67	9.69	12.02	14.68	17.69	3.67	4.08	4.49	4.92	5.35	5.80	6.26
WRF733-1000-502	7.00	3	32	6.48	8.40	10.65	13.26	16.24	19.60	23.34	4.01	4.49	4.98	5.46	5.91	6.34	6.71
			35	6.20	8.06	10.24	12.78	15.65	18.89	22.49	4.06	4.55	5.06	5.57	6.07	6.53	6.96
			38	5.91	7.72	9.83	12.28	15.06	18.18	21.64	4.11	4.62	5.15	5.68	6.21	6.72	7.19
			40	5.73	7.50	9.56	11.95	14.66	17.72	21.08	4.14	4.66	5.20	5.75	6.30	6.83	7.33
			43	5.45	7.16	9.17	11.46	14.07	17.00	20.26	4.19	4.72	5.28	5.85	6.43	6.99	7.53
WRF1242-1500-632	12.00	3	32	8.32	10.84	13.80	17.19	21.06	25.42	30.25	4.67	5.17	5.67	6.17	6.66	7.14	7.62
			35	7.86	10.32	13.17	16.49	20.24	24.48	29.17	4.70	5.23	5.77	6.30	6.83	7.35	7.88
			38	7.43	9.79	12.57	15.79	19.43	23.53	28.12	4.71	5.28	5.85	6.42	6.99	7.56	8.12
			40	7.13	9.45	12.17	15.31	18.88	22.93	27.39	4.72	5.30	5.89	6.49	7.09	7.68	8.29
			43	6.70	8.93	11.57	14.62	18.06	21.99	26.35	4.72	5.34	5.96	6.59	7.23	7.87	8.52
WRF1552-2050-632	15.00	3	32	11.17	14.16	17.63	21.68	26.32	31.57	37.49	5.87	6.44	6.99	7.51	8.01	8.48	8.92
			35	10.68	13.60	16.99	20.89	25.37	30.47	36.23	5.97	6.58	7.17	7.75	8.30	8.83	9.31
			38	10.20	13.04	16.32	20.12	24.45	29.37	34.92	6.05	6.70	7.34	7.97	8.58	9.16	9.71
			40	9.87	12.65	15.88	19.59	23.82	28.66	34.03	6.10	6.78	7.45	8.11	8.75	9.36	9.97
			43	9.38	12.10	15.21	18.79	22.89	27.55	32.76	6.17	6.88	7.60	8.31	9.01	9.68	10.34
WRF2056-2400-632	20.00	3	32	12.33	15.67	19.57	24.10	29.27	35.14	41.70	6.51	7.23	7.97	8.70	9.44	10.15	10.85
			35	11.80	15.05	18.86	23.26	28.26	33.93	40.31	6.60	7.36	8.14	8.93	9.72	10.50	11.25
			38	11.26	14.43	18.13	22.38	27.24	32.71	38.86	6.68	7.48	8.30	9.14	9.99	10.83	11.66
			40	10.88	14.02	17.65	21.80	26.55	31.93	37.93	6.73	7.55	8.40	9.28	10.16	11.04	11.91
			43	10.34	13.39	16.91	20.95	25.52	30.70	36.47	6.79	7.65	8.54	9.46	10.40	11.35	12.30

Note: The rating condition is based on a suction return 20 °C , Subcool 3 K

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Unit Model	Compressor				Condenser				Receiver (L)	Connection		Unit Dimension				KG
	Model	PH	HP	MCC (A)	Fan	TOT (Watts)	TOT (Amps)	Air Volume (L/s)		Liquid	Suction	L	W	H	Fig	
WRF315-600-402	D3-15.1Y	3	3	10.1	2x400mm	360	1.65	1550	8.0	1/2"	1-1/8"	980	880	730	A	180
WRF521-650-402	Q5-21.1Y	3	5	11.6	2x400mm	360	1.65	1670	8.0	1/2"	1-1/8"	980	880	730	A	200
WRF525-900-502	Q5-25.1Y	3	5	12.7	2x500mm	760	3.5	2360	8.0	5/8"	1-1/8"	1300	1000	805	A	230
WRF728-1000-502	Q7-28.1Y	3	7	17.6	2x500mm	760	3.5	2360	12.0	5/8"	1-3/8"	1300	1000	805	A	250
WRF733-1000-502	Q7-33.1Y	3	7	20	2x500mm	760	3.5	2360	12.0	5/8"	1-3/8"	1300	1000	805	A	250
WRF1242-1500-632	S12-42Y	3	12	22.4	2x630mm	1040	5.4	3770	30.0	5/8"	1-3/8"	1720	1086	895	B	380
WRF1552-2050-632	S15-52Y	3	15	32.4	2x630mm	1040	5.4	3960	30.0	7/8"	1-5/8"	1720	1086	1050	B	400
WRF2056-2400-632	S20-56Y	3	20	38.4	2x630mm	1040	5.4	4185	30.0	7/8"	1-5/8"	1720	1086	1252	B	420

Note : All fan motor are 220-240V/1PH/50Hz.

Dimension

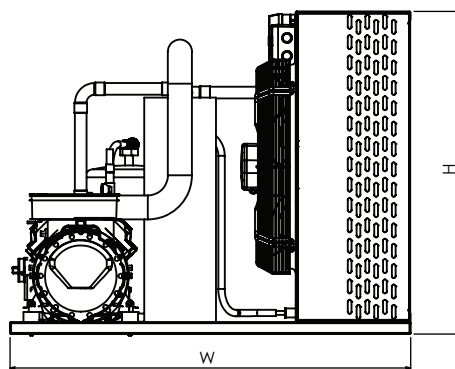
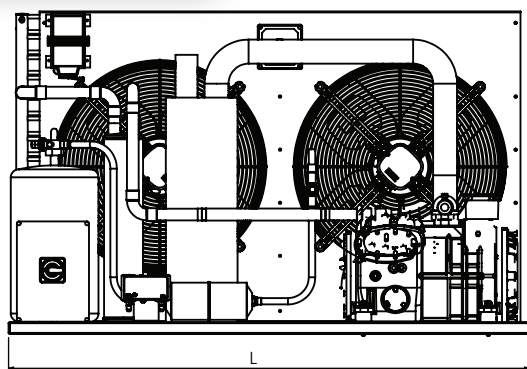


Fig.A

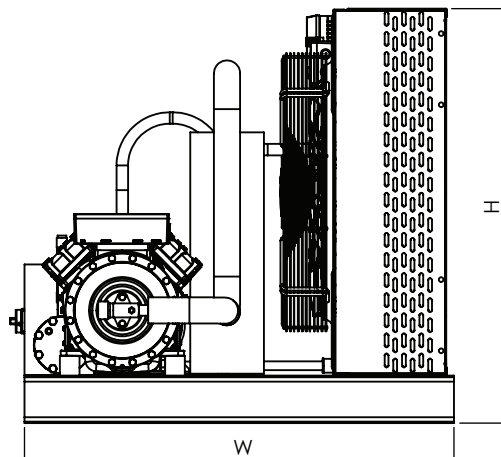
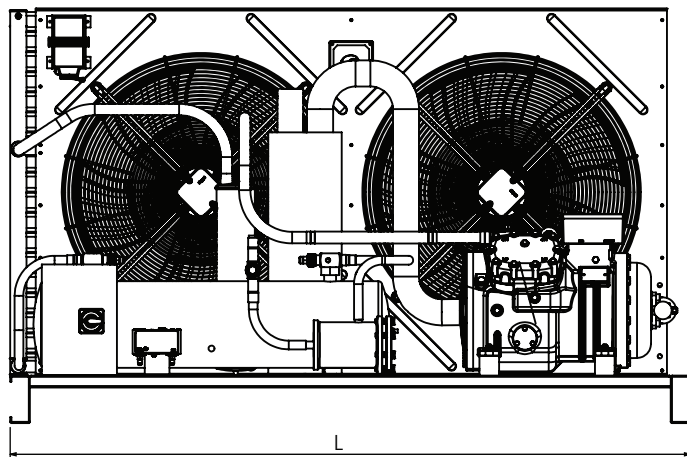
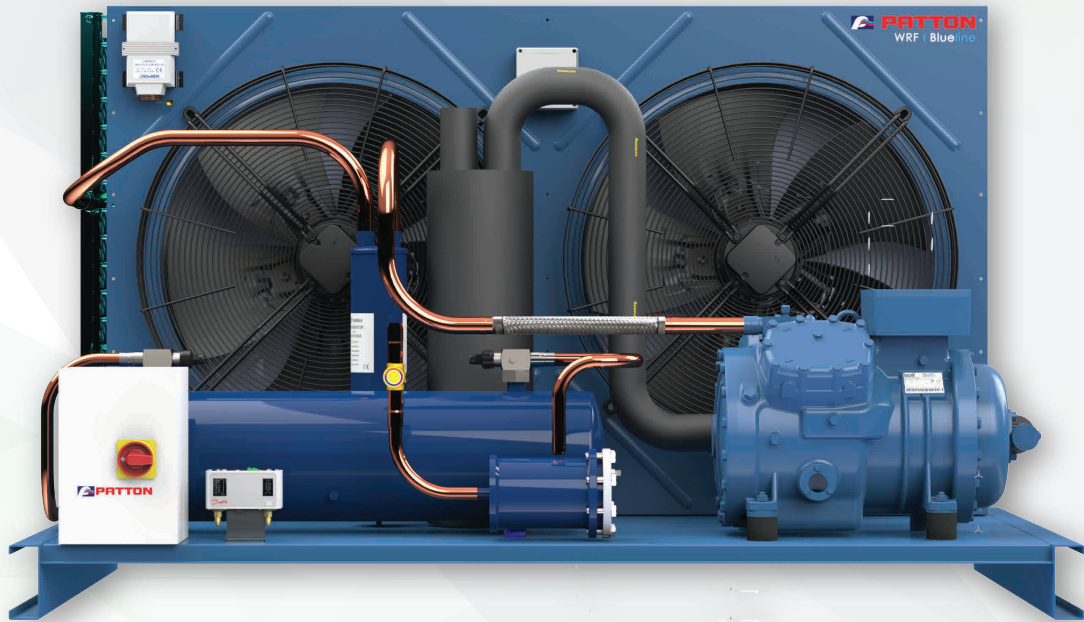


Fig.B

Products, specifications and technical data contained in the document are subject to change without prior notice.



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