

# Model Selection

8003 BLDC



8009 DC



8006 AC



115ADC



215DC



230Z



3D19



 **WOB-L® Piston**

Pressure												
MODEL	MOTOR CAPACITY		FLOW l/min @ bar								MAXIMUM PRESSURE bar	
	VOLTAGE	TYPE*	0.0	0.5	1.0	1.5	2.0	3.0	5.0	7.0	CONTINUOUS	INTERMITTENT
8003D	12,24	PM	4.3	3.1	2.1	1.3	-	-	-	-	1.0	2.0
8003ZDP	12	PM	5.4	2.8	1.6	0.8	-	-	-	-	0.3	2.0
8003V	12,24	PM	-	-	-	-	-	-	-	-	-	-
8003ZVR	12	PM	-	-	-	-	-	-	-	-	-	-
8005D	12,24	PM	7.2	5.7	4.3	3.2	2.4	-	-	-	1.5	2.5
8005D	230/50/1	SP	6.0	4.8	3.7	2.8	2.0	-	-	-	1.5	2.5
8005V	12,24	PM	-	-	-	-	-	-	-	-	-	-
8005V	230/50/1	SP	-	-	-	-	-	-	-	-	-	-
8006D	12,24	PM	15.8	12.2	9.3	6.9	4.8	1.3	-	-	1.0	3.0
8006D	230/50/1	PSC	15.8	12.6	10.1	7.6	5.5	2.0	-	-	1.0	3.0
8006V	12,24	PM	-	-	-	-	-	-	-	-	-	-
8006V	230/50/1	SP	-	-	-	-	-	-	-	-	-	-
8006ZVP	12,24	PM	-	-	-	-	-	-	-	-	-	-
8006ZVP	230/50/1	PSC	-	-	-	-	-	-	-	-	-	-
8006ZVR	230/50/1	PSC	-	-	-	-	-	-	-	-	-	-
8009D	12,24	PM	14.0	11.5	9.0	8.0	7.1	5.6	3.2	1.8	1.0	7.0
8009D	230/50/1	PSC	11.8	10.4	9.4	8.5	7.6	6.2	4.2	2.9	1.0	7.0
8009ZD	24	PM	24.5	21.6	19.1	17.2	15.3	13.4	10.2	7.0	1.0	7.0
8009ZD	230/50/1	PSC	22.4	19.9	17.8	16.1	14.4	11.9	8.2	5.4	1.0	7.0

\*PM = Permanent Magnet, SP = Shaded Pole, PSC = Permanent Split Capacitor

Note: Minimum release quantities or regional availability may apply. Consult factory.

 **WOB-L® Piston**

Pressure												
MODEL	MOTOR CAPACITY		FLOW cfm @ psi								MAXIMUM PRESSURE psi	
	VOLTAGE	TYPE*	0	5	10	20	40	60	80	100	CONTINUOUS	INTERMITTENT
014CA28	115/60/1	SP	0.46	0.40	0.37	0.32	0.26	0.22	0.17	0.12	100.0	100.0
014CD28	220/50/1	SP	0.37	0.33	0.30	0.28	0.22	0.17	0.15	0.09	100.0	100.0
014CDC20/12	12	PM	0.39	0.31	0.22	0.16	-	-	-	-	20.0	50.0
115ADC56/	12 or 24	PM	0.48	0.44	0.39	0.36	0.29	0.25	0.21	0.16	-	120.0
135ADC56/	12 or 24	PM	0.54	0.51	0.48	0.42	0.38	0.27	0.22	0.17	-	87.0
215ADC38/	12 or 24	PM	0.97	0.92	0.87	0.76	0.61	0.46	0.38	0.30	-	120.0
230ZA30/12	12	BLDC	0.74	0.57	0.54	0.46	-	-	-	-	30.0	30.0
260ZC35/24	24	BLDC	1.77	1.62	1.49	1.23	-	-	-	-	30.0	30.0
309CDC56/12	12	PM	0.85	0.82	0.73	0.70	0.60	0.53	0.45	0.42	-	160.0
309DDC56/12	12	PM	0.85	0.82	0.73	0.70	0.60	0.53	0.45	0.42	-	134.0
3191250IRBLSCE	12	PM	1.25	1.20	1.15	1.05	0.90	0.79	0.71	0.65	100.0	100.0
380CE32	115/60/1	PSC	1.20	1.15	1.10	0.98	0.78	0.60	0.45	0.30	100.0	100.0
380CS32	100/50/60/1	PSC	1.20	1.15	1.10	0.98	0.78	0.60	-	-	60.0	60.0
3D191250IRLSLCE	12	PM	1.27	1.22	1.18	1.09	0.93	0.83	0.73	0.68	100.0	120.0
405AA38	115/60/1	SP	0.29	0.27	0.24	0.17	-	-	-	-	20.0	40.0
405AD38	220/50/1	SP	0.26	0.24	0.19	0.17	0.14	-	-	-	20.0	40.0
405ADC38/	12 or 24	PM	0.79	0.77	0.75	0.71	0.56	0.38	0.33	0.24	100.0	100.0
415CDC30/	12 or 24	PM	0.92	0.87	0.81	0.71	0.56	0.44	0.34	0.25	100.0	100.0
415ZC36/24	24	BLDC	.64	0.59	0.55	0.51	0.42	0.38	0.34	0.31	100.0	100.0

\*PM = Permanent Magnet, SP = Shaded Pole, BLDC=Brushless DC

Note: Minimum release quantities or regional availability may apply. Consult factory.

# Model Selection



Vacuum											
MODEL	MOTOR CAPACITY		FLOW l/min @ mbar						MAX. VACUUM mbar	DIMENSIONS (H x W x L) mm	WEIGHT kg
	VOLTAGE	TYPE*	0	-100	-200	-400	-600	-800			
8003D	12, 24	-	-	-	-	-	-	-	-	54 x 30 x 82	0.19
8003ZDP	12	PM	-	-	-	-	-	-	-	53 x 30 x 123	0.28
8003V	12,24	PM	4.3	3.5	2.8	1.5	0.2	-	-650	54 x 30 x 82	0.19
8003ZVR	12	PM	2.9	2.5	2.0	1.2	0.6	-	-800	53 x 30 x 123	0.28
8005D	12,24	PM	-	-	-	-	-	-	-	75 x 96 x 118	1.1
8005D	230/50/1	SP	-	-	-	-	-	-	-	75 x 106 x 110	1.1
8005V	12,24	PM	7.2	6.0	4.8	3.0	1.4	-	-780	75 x 96 x 118	1.1
8005V	230/50/1	SP	6.0	4.9	3.8	2.4	1.2	-	-780	75 x 106 x 110	1.1
8006D	12,24	PM	-	-	-	-	-	-	-	100 x 71 x 146	1.2
8006D	230/50/1	PSC	-	-	-	-	-	-	-	114 x 78 x 147	1.5
8006V	12,24	PM	15.8	13.4	11.1	6.2	3.6	-	-800	100 x 71 x 146	1.2
8006V	230/50/1	SP	14.2	12.0	9.7	6.0	3.0	-	-800	110 x 71 x 131	1.5
8006ZVP	12,24	PM	31.0	25.0	20.0	11.7	5.1	-	-800	99 x 63 x 191	0.9
8006ZVP	230/50/1	PSC	29.0	24.9	20.7	12.9	6.2	-	-800	114 x 78 x 193	2.0
8006ZVR	230/50/1	PSC	14.2	12.0	10.5	7.0	4.0	1.5	-950	114 x 78 x 193	2.0
8009D	12,24	PM	-	-	-	-	-	-	-	104 x 63 x 145	1.1
8009D	230/50/1	PSC	-	-	-	-	-	-	-	108 x 91 x 153	1.7
8009ZD	24	PM	-	-	-	-	-	-	-	105 x 70 x 177	2.1
8009ZD	230/50/1	PSC	-	-	-	-	-	-	-	108 x 110 x 195	2.5

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Vacuum											
MODEL	MOTOR CAPACITY		FLOW cfm @ in. Hg						MAX. VACUUM in. Hg	DIMENSIONS (H x W x L) in	WEIGHT lb
	VOLTAGE	TYPE*	0	5	10	15	20	25			
014CA28	115/60/1	SP	0.46	0.37	0.28	0.19	0.09	-	26.0	5.02 x 4.50 x 5.89	4.7
014CD28	220/50/1	SP	0.37	0.30	0.24	0.17	0.07	-	25.7	5.06 x 4.50 x 5.89	4.7
014CDC20/12	12	PM	0.39	0.24	0.18	0.12	0.06	-	25.3	4.09 x 1.89 x 5.58	2.3
115ADC56/	12 or 24	PM	-	-	-	-	-	-	-	5.13 x 1.01 x 5.27	1.6
135ADC56/	12 or 24	PM	-	-	-	-	-	-	-	3.60 x 1.66 x 4.34	1.2
215ADC38/	12 or 24	PM	-	-	-	-	-	-	-	4.46 x 2.10 x 6.18	3.0
230ZA30/12	12	BLDC	-	-	-	-	-	-	-	3.80 x 2.64 x 3.63	1.2
260ZC35/24	24	BLDC	1.77	1.30	0.94	0.60	0.26	0.03	25.5	4.63 x 3.02 x 4.12	2.8
309CDC56/12	12	PM	0.75	0.61	0.48	0.34	0.21	0.09	26.7	6.14 x 4.00 x 7.65	5.1
309DDC56/12	12	PM	-	-	-	-	-	-	-	6.79 x 5.26 x 9.08	6.4
3191250IRBLSCE	12	PM	1.25	0.84	0.62	0.43	0.27	0.07	27.0	6.14 x 4.00 x 7.46	5.1
380CE32	115/60/1	PSC	1.20	0.97	0.75	0.52	0.29	0.06	26.2	6.73 x 5.14 x 6.99	9.7
380CS32	100/50/60/1	PSC	1.20	0.97	0.75	0.52	0.29	0.06	26.2	6.73 x 5.14 x 8.40	9.95
3D191250IRSLSC	12	PM	-	-	-	-	-	-	-	6.82 x 5.26 x 9.12	6.4
405AA38	115/60/1	SP	-	-	-	-	-	-	-	5.30 x 4.25 x 6.74	5.5
405AD38	230/50/1	SP	-	-	-	-	-	-	-	5.30 x 4.25 x 6.74	5.5
405ADC38/	12 or 24	PM	-	-	-	-	-	-	-	5.30 x 4.26 x 7.29	4.3
415CDC30/	12 or 24	PM	0.92	0.75	0.54	0.34	0.20	-	24.6	5.35 x 4.25 x 7.29	5.0
415ZC36/24	24	BLDC	0.64	0.49	0.39	0.28	0.18	0.08	27.0	5.88 x 4.25 x 6.04	3.6

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# Model Selection



2110Z



2250Z



2380



2450



Pressure												
MODEL	MOTOR CAPACITY		FLOW cfm @ psi								MAXIMUM PRESSURE psi	
	VOLTAGE	TYPE*	0	5	10	20	40	60	80	100	CONTINUOUS	INTERMITTENT
617CA22	115/60/1	SP	0.78	0.74	0.69	0.59	0.42	0.31	0.18	0.07	100.0	100.0
617CA32	115/60/1	SP	1.22	1.19	1.10	0.97	0.74	0.56	-	-	50.0	60.0
617CD22	220/50/1	SP	0.69	0.65	0.59	0.50	0.35	0.25	0.17	0.10	100.0	100.0
617CD32	220/50/1	SP	1.01	0.97	0.91	0.80	0.59	-	-	-	40.0	40.0
660E48XNTLSXX	115/60/1	PSC	2.40	2.31	2.20	2.01	1.65	-	-	-	45.0	45.0
660N48XNTLSXX	220-240/50/60/1	PSC	2.40	2.31	2.20	2.01	1.65	-	-	-	45.0 (50Hz), 50.0 (60Hz)	45.0 (50Hz), 50.0 (60Hz)
660S48XNTLSXX	100/50/60/1	PSC	2.40	2.31	2.20	2.01	1.65	-	-	-	30.0 (50Hz), 50.0 (60Hz)	30.0 (50Hz), 50.0 (60Hz)
668E44XNTLSXX	115/60/1	PSC	1.61	1.56	1.52	1.39	1.19	1.01	0.84	0.71	100.0	100.0
668N44XNTLSXX	220-240/50/60/1	PSC	1.61	1.56	1.52	1.39	1.19	1.01	0.84	0.71	100.0	100.0
668S44XNTLSXX	100/50/60/1	PSC	1.61	1.56	1.52	1.39	1.19	1.01	0.84	0.71	100.0	100.0
1207PHI80	220-240/50/1	PSC	3.60	3.52	3.47	3.24	2.92	2.52	2.16	1.85	125.0	125.0
1207PK80	115/60/1	CS	3.78	3.72	3.66	3.43	3.04	2.69	2.33	1.99	125.0	125.0
2110ZA26/12	12	BLDC	0.50	0.48	0.45	0.40	-	-	-	-	30.0	30.0
2220ZA30/12	12	BLDC	1.14	1.09	1.06	1.00	-	-	-	-	30.0	30.0
2250ZC35/24	24	BLDC	1.15	0.97	0.89	0.82	-	-	-	-	30.0	30.0
2380BES44	115/60/1,100/50/60/1	PSC	-	-	-	-	-	-	-	-	-	-
2380BGUU44	230/60/1,230/50/1	PSC	-	-	-	-	-	-	-	-	-	-
2380CE32	115/60/1	PSC	2.30	2.19	2.04	1.84	1.48	1.19	0.89	0.61	100.0	100.0
2380CS32	100/50/60/1	PSC	2.30	2.19	2.04	1.84	1.48	1.19	0.89	0.61	100.0	100.0
2380CUU32	230/50/1	PSC	2.00	1.88	1.71	1.58	1.24	0.96	0.71	0.47	100.0	100.0
2380CE44	115/60/1	PSC	3.20	3.10	2.90	2.60	2.13	-	-	-	30.0	30.0
2380CUU44	230/50/1	PSC	2.70	2.60	2.49	2.23	1.80	-	-	-	30.0	30.0
2450AE44	115/60/1	PSC	3.00	2.87	2.70	2.57	2.45	-	-	-	30.0	30.0
2450AUU44	230/50/1	PSC	2.60	2.50	2.37	2.11	-	-	-	-	30.0	30.0
2505CE38	115/60/1	PSC	3.40	3.23	3.06	2.77	2.22	1.75	1.25	0.75	100.0	100.0
2505CG38	230/60/1	PSC	3.40	3.32	3.03	2.72	2.16	1.67	-	-	60.0	60.0
2505CHI45	220-240/50/1	PSC	3.40	3.27	3.05	2.78	-	-	-	-	30.0	30.0

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 Note: Minimum release quantities or regional availability may apply. Consult factory.

# Model Selection

 **WOB-L® Piston**

Vacuum											
MODEL	MOTOR CAPACITY		FLOW cfm @ in. Hg						MAX. VACUUM % local barometer in. Hg	DIMENSIONS (H x W x L) in	WEIGHT lb.
	VOLTAGE	TYPE*	0	5	10	15	20	25			
617CA22	115/60/1	SP	0.78	0.63	0.47	0.31	0.16	0.02	25.6	6.77 x 5.00 x 7.89	11.0
617CA32	115/60/1	SP	1.22	0.87	0.65	0.45	0.23	-	26.8	6.77 x 5.00 x 7.89	11.0
617CD22	230/50/1	SP	0.69	0.53	0.40	0.26	0.14	-	25.6	6.77 x 5.00 x 7.89	11.0
617CD32	230/50/1	SP	1.01	0.75	0.55	0.35	0.19	-	26.2	6.77 x 5.00 x 7.89	11.0
660E48XNTLSXX	115/60/1	PSC	2.40	1.81	1.40	1.01	0.58	0.19	92%	7.19 x 5.18 x 7.09	14.4
660N48XNTLSXX	220-240/50/60/1	PSC	2.40	1.81	1.40	1.01	0.58	0.19	92%	7.19 x 5.18 x 7.09	13.5
660S48XNTLSXX	100/50/60/1	PSC	2.40	1.81	1.40	1.01	0.58	0.19	92%	7.19 x 5.18 x 7.09	14.4
668E44XNTLSXX	115/60/1	PSC	1.61	1.30	0.99	0.71	0.41	0.13	93%	7.19 x 5.18 x 7.09	13.3
668N44XNTLSXX	220-240/50/60/1	PSC	1.61	1.30	0.99	0.71	0.41	0.13	93%	7.19 x 5.18 x 7.09	13.3
668S44XNTLSXX	100/50/60/1	PSC	1.61	1.30	0.99	0.71	0.41	0.13	93%	7.19 x 5.18 x 7.09	13.3
1207PHI80	220-240/50/1	PSC	3.60	2.45	1.80	1.25	0.66	-	24.3	10.05 x 6.55 x 10.66	26.0
1207PK80	115/60/1	CS	3.78	2.60	1.98	1.30	0.70	0.10	25.9	10.02 x 6.53 x 10.70	26.0
2110ZA26/12	12	BLDC	-	-	-	-	-	-	-	2.99 x 2.20 x 3.54	0.85
2220ZA30/12	12	BLDC	-	-	-	-	-	-	-	3.77 x 2.64 x 4.70	1.5
2250ZC35/24	24	BLDC	1.92	1.43	1.06	0.74	0.39	0.94	25.9	4.27 x 3.10 x 6.05	2.8
2380BES44	115/60/1,100/50/60/1	PSC	3.00	2.50	1.90	1.30	0.70	0.20	91%	6.79 x 5.14 x 9.31	12.0
2380BGUU44	230/60/1,230/50/1	PSC	3.00	2.50	1.90	1.30	0.70	0.20	91%	6.79 x 5.14 x 9.31	12.0
2380CE32	115/60/1	PSC	2.30	1.94	1.46	1.01	0.57	0.16	90%	6.73 x 5.14 x 9.31	12.0
2380CS32	100/50/60/1	PSC	2.30	1.94	1.46	1.01	0.57	0.16	90%	6.73 x 5.14 x 9.31	12.0
2380CE2	230/50/1	PSC	2.00	1.67	1.26	0.86	0.48	0.13	90%	6.73 x 5.14 x 9.31	12.0
2380CE44	115/60/1	PSC	3.20	2.50	1.88	1.31	0.75	0.24	91%	6.79 x 5.14 x 9.31	12.0
2380CUU44	230/50/1	PSC	2.70	2.25	1.70	1.23	0.72	0.23	91%	6.79 x 5.14 x 9.31	12.0
2450AE44	115/60/1	PSC	-	-	-	-	-	-	-	6.41 x 3.90 x 8.32	9.5
2450AUU44	230/50/1	PSC	-	-	-	-	-	-	-	6.41 x 3.90 x 8.32	9.5
2505CE38	115/60/1	PSC	3.40	2.69	2.04	1.37	0.74	0.17	90%	6.51 x 4.64 x 9.34	14.0
2505CG38	230/60/1	PSC	3.40	2.64	1.93	1.30	0.60	0.13	90%	6.51 x 4.64 x 9.34	14.0
2505CHI45	220-240/50/1	PSC	3.40	2.63	1.98	1.37	0.66	0.15	90%	6.51 x 4.64 x 9.34	14.0

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Note: Minimum release quantities or regional availability may apply. Consult factory.



# Model Selection



2660/2668



Pressure												
MODEL	MOTOR CAPACITY		FLOW cfm @ psi								MAXIMUM PRESSURE psi	
	VOLTAGE	TYPE*	0	5	10	20	40	60	80	100	CONTINUOUS	INTERMITTENT
2660E48XNTLSXX	115/60/1	PSC	4.60	4.43	4.25	3.92	3.63	-	-	-	40.0	40.0
2660N48XNTLSXX	220-240/50/60/1	PSC	4.60	4.43	4.25	3.92	3.63	-	-	-	45.0	45.0
2660S48XNTLSXX	100/50/60/1	PSC	4.60	4.43	4.25	3.92	-	-	-	-	25.0 (50Hz), 20.0 (60Hz)	25.0 (50Hz), 20.0 (60Hz)
2665PE40	115/60/1	PSC	3.86	3.70	3.50	3.15	2.60	2.19	1.75	1.44	100.0	120.0
2665PHI44	220-240/50/1	PSC	3.35	3.22	3.15	2.78	2.25	1.85	1.43	1.09	100.0	120.0
2668E44XNTLSXX	115/60/1	PSC	3.06	2.95	2.89	2.65	2.24	1.88	1.57	1.32	100.0	100.0
2668N44XNTLSXX	220-240/50/60/1	PSC	3.06	2.95	2.89	2.65	2.24	1.88	1.57	1.32	100.0	100.0
2668S44XNTLSXX	100/50/60/1	PSC	3.06	2.95	2.89	2.65	2.24	1.88	1.57	1.32	100.0	100.0
2685PE40	115/60/1	PSC	3.86	3.70	3.50	3.15	2.60	2.19	1.75	1.44	100.0	120.0
2685PHI44	220-240/50/1	PSC	3.35	3.22	3.15	2.78	2.25	1.85	1.43	1.09	100.0	120.0
2688TE44/38	115/60/1	PSC	1.52	1.48	1.45	1.41	1.35	1.32	1.30	1.28	160.0	160.0
2688TGH144/38	220-240/50/1, 230/60/1	PSC	1.52	1.48	1.45	1.41	1.35	1.32	1.30	1.28	160.0	160.0
2688VE44	115/60/1	PSC	-	-	-	-	-	-	-	-	-	-
2688VGH144	220-240/50/1, 230/60/1	PSC	-	-	-	-	-	-	-	-	-	-
2688VS44	100/50/60/1	PSC	-	-	-	-	-	-	-	-	-	-
2750BE75	115/60/1	PSC	-	-	-	-	-	-	-	-	-	-
2750BGHI75	220-240/50/1, 230/60/1	PSC	-	-	-	-	-	-	-	-	-	-
2750BS75	100/50/60/1	PSC	-	-	-	-	-	-	-	-	-	-
2750CE60	115/60/1	PSC	6.20	6.05	5.80	-	-	-	-	-	15.0	15.0
2750CGHI60	220-240/50/1, 230/60/1	PSC	6.20	6.05	5.80	5.3	-	-	-	-	20.0	20.0
2750CS60	100/50/60/1	PSC	6.20	6.05	5.80	5.3	-	-	-	-	20.0	25.0
2750VEF75	115/60/1, 110/50/1	PSC	-	-	-	-	-	-	-	-	-	-
2750VHI75	220-240/50/1	PSC	-	-	-	-	-	-	-	-	-	-
2750VS75	100/50/60/1	PSC	-	-	-	-	-	-	-	-	-	-
2770CE50	115/60/1	PSC	5.12	4.68	4.75	4.35	3.64	2.98	2.38	1.87	100.0	100.0
2770CGHI50	220-240/50/1, 230/60/1	PSC	5.12	4.68	4.75	4.35	3.64	2.98	2.38	1.87	100.0	100.0
2807CE72	115/60/1	PSC	6.60	6.40	6.20	5.90	5.13	4.35	3.75	3.05	50.0	120.0
2807CGHI72	220-240/50/1, 230/60/1	PSC	6.60	6.40	6.20	5.90	5.13	4.35	3.75	3.05	50.0	120.0

\*PM = Permanent Magnet, SP = Shaded Pole, PSC = Permanent Split Capacitor, BLDC=Brushless DC, CS = Capacitor Start  
 Note: Minimum release quantities or regional availability may apply. Consult factory.



# Model Selection

 **WOB-L® Piston**

Vacuum											
MODEL	MOTOR CAPACITY		FLOW cfm @ in. Hg						MAX. VACUUM % local barometer in. Hg	DIMENSIONS (H x W x L) in	WEIGHT lb.
	VOLTAGE	TYPE*	0	5	10	15	20	25			
2660E48XNTLSXX	115/60/1	PSC	4.60	3.61	2.75	1.93	1.11	0.34	92%	7.09 x 5.18 x 9.31	17.6
2660N48XNTLSXX	220-240/50/60/1	PSC	4.60	3.61	2.75	1.93	1.11	0.34	92%	7.09 x 5.18 x 9.31	17.1
2660S48XNTLSXX	100/50/60/1	PSC	4.60	3.61	2.75	1.93	1.11	0.34	92%	7.09 x 5.18 x 9.31	17.6
2665PE40	115/60/1	PSC	-	-	-	-	-	-	-	7.09 x 5.38 x 9.31	16.0
2665PHI44	220-240/50/1	PSC	-	-	-	-	-	-	-	7.09 x 5.38 x 9.31	16.0
2668E44XNTLSXX	115/60/1	PSC	3.06	2.42	1.81	1.22	0.65	0.11	93%	7.09 x 5.18 x 9.31	16.0
2668N44XNTLSXX	220-240/50/60/1	PSC	3.06	2.42	1.81	1.22	0.65	0.11	93%	7.09 x 5.18 x 9.31	16.0
2668S44XNTLSXX	100/50/60/1	PSC	3.06	2.42	1.81	1.22	0.65	0.11	93%	7.09 x 5.18 x 9.31	16.0
2685PE40	115/60/1	PSC	-	-	-	-	-	-	-	7.09 x 5.38 x 9.77	16.4
2685PHI44	220-240/50/1	PSC	-	-	-	-	-	-	-	7.09 x 5.38 x 9.77	16.4
2688TE44/38	115/60/1	PSC	-	-	-	-	-	-	-	7.39 x 6.68 x 9.73	16.0
2688TGH44/38	220-240/50/1, 230/60/1	PSC	-	-	-	-	-	-	-	7.39 x 6.68 x 9.73	15.0
2688VE44	115/60/1	PSC	1.60	1.20	0.98	0.69	0.48	0.16	29.0	7.40 x 6.61 x 9.73	16.4
2688VGH44	220-240/50/1, 230/60/1	PSC	1.60	1.20	0.98	0.69	0.48	0.16	29.0	7.40 x 6.61 x 9.73	14.6
2688VS44	100/50/60/1	PSC	1.60	1.20	0.98	0.69	0.48	0.16	29.0	7.40 x 6.61 x 9.73	16.4
2750BE75	115/60/1	PSC	7.1	6.3	4.7	3.2	1.8	0.5	27.0	9.29 x 5.37 x 10.09	20.0
2750BGHI75	220-240/50/1, 230/60/1	PSC	7.1	6.3	4.7	3.2	1.8	0.5	27.0	9.29 x 5.37 x 10.09	21.0
2750BS75	100/50/60/1	PSC	7.1	6.3	4.7	3.2	1.8	0.5	27.0	9.29 x 5.37 x 10.09	21.0
2750CE60	115/60/1	PSC	6.2	5.0	3.7	2.6	1.4	0.4	27.0	9.29 x 5.37 x 10.09	21.0
2750CGHI60	220-240/50/1, 230/60/1	PSC	6.2	5.0	3.7	2.6	1.4	0.4	27.0	9.29 x 5.37 x 10.09	21.0
2750CS60	100/50/60/1	PSC	6.2	5.0	3.7	2.6	1.4	0.4	27.0	9.29 x 5.37 x 10.09	21.0
2750VEF75	115/60/1, 110/50/1	PSC	3.64	3.06	2.39	1.70	1.07	0.47	29.1	9.29 x 5.37 x 10.09	20.0
2750VHI75	220-240/50/1	PSC	3.14	2.65	2.05	1.48	0.90	0.40	29.0	9.29 x 5.37 x 10.09	21.0
2750VS75	100/50/60/1	PSC	3.64	3.06	2.39	1.70	1.07	0.47	29.1	9.29 x 5.37 x 10.09	21.0
2770CE50	115/60/1	PSC	-	-	-	-	-	-	-	9.58 x 6.11 x 12.80	25.0
2770CGHI50	220-240/50/1, 230/60/1	PSC	-	-	-	-	-	-	-	9.58 x 6.11 x 12.80	25.0
2807CE72	115/60/1	PSC	6.60	4.30	2.66	1.80	0.88	-	25.0	10.05 x 7.31 x 15.60	39.0
2807CGHI72	220-240/50/1, 230/60/1	PSC	6.60	4.30	2.66	1.80	0.88	-	25.0	10.05 x 7.31 x 15.60	39.0

\*PM = Permanent Magnet, SP = Shaded Pole, PSC = Permanent Split Capacitor, BLDC=Brushless DC, CS = Capacitor Start  
Note: Minimum release quantities or regional availability may apply. Consult factory.

2750



2807



# Model Selection



## WOB-L® Refrigerant Recovery

520



MODEL	MOTOR CAPACITY		FLOW cfm @ psi								MAXIMUM PRESSURE psi	
	VOLTAGE	TYPE*	0	50	100	150	250	350	400	435	INLET	EXHAUST
500CAR75	100-115/50/60	RDC	0.41	0.31	0.29	0.26	0.23	0.16	0.13	0.13	35.0	435.0
500CDR75	230/50/60	RDC	0.41	0.31	0.29	0.26	0.23	0.16	0.13	0.13	35.0	435.0
520CJ75	100/50/60/1	CS	0.50	0.39	0.33	0.32	0.32	0.30	0.29	0.27	35.0	435.0
520CK75	115/60/1	CS	0.50	0.39	0.33	0.32	0.32	0.30	0.29	0.27	35.0	435.0
520CL75	220-240/50/1	CS	0.36	0.31	0.28	0.27	0.26	0.24	0.24	0.23	35.0	435.0
2520CK60	115/60/1	CS	1.00	0.85	0.73	0.61	0.50	0.46	0.44	0.42	35.0	435.0
2520CL60	220-240/50/60/1	CS	0.74	0.63	0.52	0.45	0.40	0.38	0.36	0.35	35.0	435.0

RDC=Rectified DC Permanent Magnet, CS=Capacitor Start

Note: Minimum release quantities or regional availability may apply. Consult factory.

TA-3101 DC  
TA-4101 DC



## Articulated Piston

TA-3101  
TA-4101



MODEL	MOTOR CAPACITY		FLOW cfm @ psi								MAXIMUM PRESSURE psi	
	VOLTAGE	TYPE*	0	5	10	20	40	60	80	100	CONTINUOUS	INTERMITTENT
TA-3101-DC (270024)	12	PM	1.70	1.62	1.55	1.40	1.18	1.00	0.85	0.70	100.0	100.0
TA-4101-DC (270025)	12	PM	2.20	2.07	1.95	1.75	1.45	1.25	1.10	0.95	100.0	100.0
TA-4101-DC (270047)	24	PM	2.20	2.07	1.95	1.75	1.45	1.25	1.10	0.95	100.0	100.0
TA-5102-DC (270058)	12	PM	4.06	3.81	3.54	3.42	3.02	2.72	2.12	1.61	100.0	100.0
TA-3051 (270002)	115/230/60/1	CS	2.00	1.92	1.85	1.70	1.50	-	-	-	50.0	50.0
TA-3052 (270006)	115/230/60/1	CS	2.50	2.40	2.30	2.10	1.80	-	-	-	50.0	50.0
TA-3101 (270005)	115/230/60/1	CS	1.60	1.50	1.40	1.25	1.03	0.85	0.66	0.60	100.0	100.0
TA-4051 (270014)	115/230/60/1	CS/CR	2.80	2.72	2.65	2.45	2.10	-	-	-	50.0	50.0
TA-4052 (270007)	115/230/60/1	CS	3.30	3.17	3.05	2.80	2.40	-	-	-	50.0	50.0
TA-4101 (270015)	115/230/60/1	CS/CR	2.20	2.12	2.05	1.90	1.65	1.45	1.25	1.10	100.0	100.0
TA-4102 (270010)	115/230/60/1	CS	2.60	2.54	2.44	2.20	1.80	1.60	1.35	1.20	50.0	50.0
TA-4172 (270072)	115/230/60/1	CS	1.40	1.38	1.35	1.35	1.30	1.25	1.20	1.15	175.0	175.0
TA-5052 (270008)	115/230/60/1	CS	4.30	4.17	4.00	3.90	3.41	-	-	-	50.0	50.0
TA-5052 (270039)	110/220-240/50/1	CS	3.40	3.30	3.20	3.00	2.65	-	-	-	50.0	50.0
TA-5102 (270011)	115/230/60/1	CS	3.20	3.05	2.90	2.68	2.40	2.10	1.90	1.65	100.0	100.0
TA-5102 (270040)	110/220-240/50/1	CS	2.55	2.42	2.30	2.15	1.90	1.70	1.50	1.30	100.0	100.0
TA-5102 (270043)	190/380 208-230/460	POLY	3.20	3.05	2.90	2.68	2.40	2.10	1.90	1.65	100.0	100.0
TA-5172 (270073)	115/230/60/1	CS	1.80	1.79	1.79	1.78	1.75	1.72	1.69	1.65	175.0	175.0
TA-5172 (270078)	110/220-240/50/1	CS	1.43	1.42	1.42	1.41	1.39	1.37	1.35	1.32	175.0	175.0
TA-5172 (270076)	190/380 208-230/460	POLY	1.80	1.79	1.79	1.78	1.75	1.72	1.69	1.65	175.0	175.0
TA-6052 (270009)	115/230/60/1	CS	5.20	5.05	4.90	4.65	4.25	-	-	-	50.0	50.0
TA-6102 (270012)	115/230/60/1	CS	4.30	4.15	4.00	3.75	3.30	2.95	2.60	2.40	100.0	100.0
TA-6102 (270042)	110/220-240/50/1	CS/CR	3.45	3.32	3.20	3.00	2.65	2.35	2.05	1.90	100.0	100.0
TA-6102 (270044)	190/380 208-230/460	POLY	4.30	4.15	4.00	3.75	3.30	2.95	2.60	2.40	100.0	100.0
TA-6172 (270080)	115/230/60/1	CS/CR	2.40	2.39	2.39	2.37	2.34	2.31	2.28	2.25	175.0	175.0
TA-6172 (270082)	190/380 208-230/460	POLY	1.92	1.91	1.90	1.89	1.86	1.84	1.81	1.79	175.0	175.0
TA-7102 (270045)	115/230/60/1	CS/CR	5.40	5.30	5.20	5.00	4.60	4.20	3.75	3.30	100.0	100.0

\*PM = Permanent Magnet, CS = Capacitor Start, CS/CR = Capacitor start/run, POLY = 3 Phase

Note: Minimum release quantities or regional availability may apply. Consult factory.

TA-5102





# Model Selection



## WOB-L® Refrigerant Recovery

Vacuum											
MODEL	MOTOR CAPACITY		FLOW cfm @ in. Hg						MAX. VACUUM in. Hg	DIMENSIONS (H x W x L) in	WEIGHT lb.
	VOLTAGE	TYPE*	0	5	10	15	20	25			
500CAR75	100-115/50/60	RDC	0.41	0.30	0.23	0.18	0.11	0.03	27.0	8.07 x 5.05 x 10.11	11.0
500CDR75	230/50/60	RDC	0.41	0.30	0.23	0.18	0.11	0.03	27.0	8.07 x 5.05 x 10.11	11.4
520CJ75	100/50/60/1	CS	0.42	0.27	0.20	0.13	0.05	-	23.0	9.06 x 5.82 x 7.83	18.5
520CK75	115/60/1	CS	0.42	0.27	0.20	0.13	0.05	-	23.0	9.06 x 5.82 x 7.58	17.0
520CL75	220-240/50/1	CS	0.36	0.26	0.19	0.13	0.05	-	23.0	9.06 x 5.82 x 7.83	18.5
2520CK60	115/60/1	CS	1.00	0.73	0.52	0.33	0.14	0.06	25.3	9.15 x 5.82 x 11.07	28.0
2520CL60	220-240/50/60/1	CS	0.74	0.60	0.45	0.28	0.14	0.04	25.3	9.15 x 5.82 x 11.32	29.5

RDC=Rectified DC Permanent Magnet, CS=Capacitor Start

Note: Minimum release quantities or regional availability may apply. Consult factory.

500




## Articulated Piston

Vacuum											
MODEL	MOTOR CAPACITY		FLOW cfm @ in. Hg						MAX. VACUUM in. Hg	DIMENSIONS (H x W x L) in	WEIGHT lb.
	VOLTAGE	TYPE*	0	5	10	15	20	25			
TA-3101-DC (270024)	12	PM	-	-	-	-	-	-	-	8.61 x 5.83 x 11.54	22.0
TA-4101-DC (270025)	12	PM	-	-	-	-	-	-	-	8.61 x 5.83 x 11.54	22.0
TA-4101-DC (270047)	24	PM	-	-	-	-	-	-	-	8.61 x 5.83 x 11.54	25.0
TA-5102-DC (270058)	12	PM	-	-	-	-	-	-	-	6.81 x 9.96 x 15.32	40.0
TA-3051 (270002)	115/230/60/1	CS	-	-	-	-	-	-	-	8.10 x 5.75 x 12.11	21.0
TA-3052 (270006)	115/230/60/1	CS	-	-	-	-	-	-	-	6.95 x 10.59 x 14.30	33.0
TA-3101 (270005)	115/230/60/1	CS	-	-	-	-	-	-	-	8.10 x 5.75 x 12.11	21.0
TA-4051 (270014)	115/230/60/1	CS/CR	-	-	-	-	-	-	-	8.53 x 5.75 x 12.05	25.0
TA-4052 (270007)	115/230/60/1	CS	-	-	-	-	-	-	-	6.95 x 10.20 x 14.30	36.0
TA-4101 (270015)	115/230/60/1	CS/CR	-	-	-	-	-	-	-	8.10 x 5.75 x 12.05	24.0
TA-4102 (270010)	115/230/60/1	CS	-	-	-	-	-	-	-	6.95 x 10.20 x 11.49	36.0
TA-4172 (270072)	115/230/60/1	CS	-	-	-	-	-	-	-	6.95 x 11.20 x 14.30	45.0
TA-5052 (270008)	115/230/60/1	CS	-	-	-	-	-	-	-	6.91 x 10.59 x 14.30	37.0
TA-5052 (270039)	110/220-240/50/1	CS	-	-	-	-	-	-	-	6.91 x 10.59 x 14.30	37.0
TA-5102 (270011)	115/230/60/1	CS	-	-	-	-	-	-	-	6.91 x 10.59 x 14.30	37.0
TA-5102 (270040)	110/220-240/50/1	CS	-	-	-	-	-	-	-	9.04 x 10.83 x 16.30	37.0
TA-5102 (270043)	190/380 208-230/460	POLY	-	-	-	-	-	-	-	6.95 x 10.71 x 14.13	37.0
TA-5172 (270073)	115/230/60/1	CS	-	-	-	-	-	-	-	6.95 x 11.59 x 14.30	51.0
TA-5172 (270078)	110/220-240/50/1	CS	-	-	-	-	-	-	-	9.04 x 11.20 x 16.30	51.0
TA-5172 (270076)	190/380 208-230/460	POLY	-	-	-	-	-	-	-	6.95 x 11.20 x 14.13	51.0
TA-6052 (270009)	115/230/60/1	CS	-	-	-	-	-	-	-	9.05 x 11.26 x 17.18	45.0
TA-6102 (270012)	115/230/60/1	CS	-	-	-	-	-	-	-	6.91 x 10.20 x 15.30	45.0
TA-6102 (270042)	110/220-240/50/1	CS/CR	-	-	-	-	-	-	-	6.91 x 10.20 x 15.30	45.0
TA-6102 (270044)	190/380 208-230/460	POLY	-	-	-	-	-	-	-	6.91 x 10.20 x 15.30	45.0
TA-6172 (270080)	115/230/60/1	CS/CR	-	-	-	-	-	-	-	6.95 x 11.20 x 14.30	56.0
TA-6172 (270082)	190/380 208-230/460	POLY	-	-	-	-	-	-	-	6.95 x 11.20 x 14.30	56.0
TA-7102 (270045)	115/230/60/1	CS/CR	-	-	-	-	-	-	-	7.44 x 11.77 x 16.11	61.0

\*PM = Permanent Magnet, CS = Capacitor Start, CS/CR = Capacitor start/run, POLY = 3 Phase

Note: Minimum release quantities or regional availability may apply. Consult factory.

2520



TA-3052

