

R22 Ducted Split Dry Charge Unit

Sale Model			TOV3-18C	TOV3-24C	TOV3-30C	TOV3-36C	TOV3-42C	TOV3-48C	TOV3-60C
Power supply		V-Ph-Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz	208/230V 1Ph 60Hz	208/230V-1Ph-60Hz	208/230V-1Ph-60Hz
Cooling	Capacity	Btu/h	18000	24000	30000	36000	41500	46000	57000
	SEER	Btu/h.W	13	13	13	13	13	13	13
Max. input consumption		W	1975	3128	3542	3421	3855	4488	5970
Max. current		A	9.1	13.6	15.4	18.6	21.1	24.3	32.8
Starting current		A	28.6	56	45	83	95	109	148
MCA/MOP		A	8.9/15	12.6/20	15.0/25	19.4/30	22.4/35	24.6/40	33/50
Compressor	Model		PH225M2C-3FTU1	SHY73MC4-U	PH371X3C-3MUU1	ZR32K3-PFV-522	ZR36K3-PFV-522	ZR42K3-PFV-522	ZR54K3-PFV-522
	Type		Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
	Brand		Toshiba	HITACHI	Toshiba	Copeland	Copeland	Copeland	Copeland
	Capacity	Btu/h	16428	22570	27637	32584.6	36849.6	42821	54933.2
	Input	W	1530	2130	2550	2960	3290	3790	4830
	Rated current(RLA)	A	6.65	9.6	11.2	14.7	16.5	18.3	25
	Locked rotor Amp(LRA)	A	28.6	56	45	83	95	109	148
	Thermal protector		Yes	Yes	Yes	internal	internal	internal	internal
	Capacitor	uF	40	45	55	45	50	60	80
	Crankcase	W	30	30	30	30	30	30	30
	Refrigerant oil	ml	480	600	750	1000	1000	1000	2000
Outdoor fan motor	Model		YDK60-6G	YDK60-6G	YDK110-8G	YDK110-8G	YDK230-6G	YDK230-6G	YDK230-6G
	Input	W	125	125	210	210	375	375	375
	Rated current	A	0.61	0.61	0.96	0.96	1.67	1.67	1.67
	Capacitor	uF	6	6	6	6	15	15	15
	Rated RPM	r/min	1075	1075	825	825	1075	1075	1075
	Rated HP		1/12	1/12	1/6	1/6	1/3	1/3	1/3
Outdoor Air Flow		CFM	1581	1581	2999	3246	4219	4386	4269
Outdoor sound level(sound pressure level)		dB(A)	59	59	63	60	65	67	66
Outdoor unit	Dimension(WxHxD)	inch	23-5/8 x 24-15/16 x 23-5/8	23-5/8 x 24-15/16 x 23-5/8	23 x 29-7/8 x 28	29-1/8 x 24-15/16 x 29-1/8	28 x 29-7/8 x 28	28 x 33-3/16 x 28	29-1/8 x 33-3/16 x 29-1/8
	Packing(WxHxD)	inch	27-1/8 x 25-7/8 x 27-1/8	27-1/8 x 25-7/8 x 27-1/8	31-1/2 x 30-7/8 x 31-1/2	32-5/8 x 25-7/8 x 32-5/8	31-1/2 x 30-7/8 x 31-1/2	31-1/2 x 34-1/8 x 31-1/2	32-5/8 x 34-1/8 x 32-5/8
	Net/Gross Weight	lbs	115/126	119/130	161/176	161/174	191/207	200/216	213/229
Throttle type (indoor)			Piston	TXV	Piston	Piston	Piston	Piston	Piston
Refrigerant Charge Amount		lbs. oz.	6 lbs. 3 oz.	7 lbs. 11 oz.	8 lbs. 3 oz.	7 lbs. 8 oz.	8 lbs. 3 oz.	9 lbs. 15 oz.	10 lbs. 9 oz.
Design pressure		PSI	380/150	380/150	380/150	380/150	380/150	380/150	380/150
Refrigerant piping	Liquid side/ Gas side	inch	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4	3/8 / 3/4	3/8 / 7/8	3/8 / 7/8
	Max. refrigerant pipe length Max. difference	ft	100	100	100	150	150	150	150
	between outdoor unit and indoor unit	ft	25	25	25	45	45	45	45
Connection wiring	Power wiring		3 x 14AWG	3 x 14AWG	3 x 12AWG	3 x 12AWG	3 x 12AWG	3 x 10AWG	3 x 10AWG
	Signal wiring		2 x 18AWG	2 x 18AWG	2 x 18AWG	2 x 18AWG	2 x 18AWG	2 x 18AWG	2 x 18AWG
Controller			Wire Control	Wire Control	Wire Control	Wire Control	Wire Control	Wire Control	Wire Control
Operation temp		°F	63~86	63~86	63~86	63~86	63~86	63~86	63~86
Ambient temp		°F	65~110	65~110	65~110	65~110	65~110	65~110	65~110

