

# FREE MATCH

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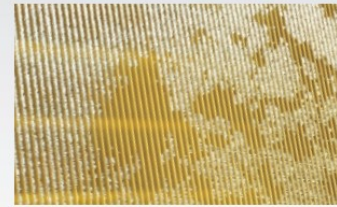
TCL AIR CONDITIONER



## Universal ODU Product

### Intelligent AUTO Defrost

It can automatically detect the ambient temperature and the frosting condition of the heat exchanger system, and accordingly initiate defrosting cycles to improve heating performance and comfort.



### ODU Self-cleaning

Once activated, the ODU axial fan will operate in reverse, generating a strong airflow to blow out accumulated dust, particles, and other debris from the fins of the ODU.



### One port to Easy Installation

With just one port, you can easily recover all the refrigerant in the pipeline system, making installation straightforward.



### Low Temperature Heating

It can provide excellent heating even at ambient temperatures as low as -25 C.



1.800.778.6497

5109 Steeles Ave west, Unit 109, North York, ON, M9L2Y8

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**TCL** AIR CONDITIONER



**Dual Zone**

**Tri Zone**

**Quad Zone**

22 SEER2 Free-match Technical Specifications			ODU 1 drive 2	ODU 1 drive 3	ODU 1 drive 4
Marketing model			TUM-18HA2/I2I22-21ES	TUM-27HA2/I2I22-21ES	TUM-36HA2/I2I21-21ES
Type			cooling & heating	cooling & heating	cooling & heating
Power supply			208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity (95F/35C)	Btu/h	17000	24000	33000
	EER2 (95F/35C)	Btu/W.h	12.0	12.0	12.0
	SEER2	Btu/W.h	22.0	22.0	21.5
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	19600	26000	35600
	HSPF2 Rating (Region IV)	Btu/W.h	9.0	9.0	9.0
	COP2 (47F/8.3C)	W/W	3.5	3.5	3.5
	COP2 (57 /-15C)	W/W	1.8	1.8	1.8
NEEP, Canada			YES	YES	YES
E-star, US			YES	YES	YES
Min. Circuit Ampacity		A	12	14	17
Max Fuse size		A	15	20	25
Compressor	Brand		SANYO	SANYO	GMCC
	Type		Twin-ROTARY	Twin-ROTARY	Twin-ROTARY
Fan motor	Brand		Broad-Ocean	Broad-Ocean	SHIBAURA
Noise level		dB(A)	56	58	63
Connecting Pipe	Gas	inches	3/8	3/8	3/8
	Liquid	inches	1/4	1/4	1/4
Throttling mode Capillary/EEV.			EEV	EEV	EEV
Refrigerant Type			R410a	R410a	R410a
Packing dimensions (W x D x H)		inches	37.79x16.92x29.53	40.47x18.7x34.06	40.95x17.32x39.37
Factory PreCharge Line		m	7.5	7.5	7.5
Total length of liquid pipe		m	30	45	60
Maximum Line Length-Single IDU		m	20	20	20
Maximum Height Difference Between Indoor and Outdoor		m	15	15	15
Room temperature	Indoor(cooling/ heating)	C	16 C ~30C	16 C ~30C	16 C ~30C
	Outdoor(cooling/heating)	C	-15~55C /-20~30C	-15~55C /-20~30C	-15~55C /-20~30C
Ambinet temperature	Indoor(cooling/ heating)	F	61~86	61~86	61~86
	Outdoor(cooling/heating)	F	5~131/-4~86	5~131/-4~86	5~131/-4~86
Loading Capacity (ODU)		40'HC	189	143	114

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## Dual Zone Combinations

18,000 BTU DUAL ZONE Condenser Combinations	
One Unit	Two Units
9	9+9
12	9+12
	12+12

## Tri Zone Combinations

27,000 BTU TRI ZONE Condenser Combinations				
One Unit	Two Units		Three Units	
NA	9+9	12+12	9+9+9	9+12+12
NA	9+12	12+18	9+9+12	12+12+12
	9+18	18+18	9+9+18	

## Quad Zone Combinations

36,000 BTU QUAD ZONE Condenser Combinations						
One Unit	Two Units		Three Units		Four Units	
NA	9+9	12+12	9+9+9	9+12+24	9+9+9+9	9+9+12+18
NA	9+12	12+18	9+9+12	9+18+18	9+9+9+12	9+12+12+12
	9+18	12+24	9+9+18	12+12+12	9+9+9+18	12+12+12+12
	9+24	18+18	9+9+24	12+12+18	9+9+12+18	
			9+12+12	12+12+24	9+12+12+12	
			9+12+18	12+18+18	12+12+12+12	
					9+9+12+12	