



TCL Elite Series XA73 Technical Datasheet

Factory Product Code	Z2U20101011340	Z4U20101033321
EU Model Name	S12F2S2	S18F2S1
Product Picture		
Type	heating pump	heating pump
Control type	remote controller	remote controller
Declared cooling capacity (W)	3400(1000~3770)	5140(1250~5910)
Declared heating capacity (W)	3420(1000~3810)	5210(1250~6070)
Pdesignc (W)	3400	5100
SEER declared (W/W)	6.1	6.5
Energy Class	A++	A++
EER declared (W/W)	3.0	3.28
COP declared (W/W)	3.4	3.78
Pdesignh Average (W)	2200	3900
SCOP Average declared (W/W)	4.0	4
Energy Class(Average)	A+	A+
Declare heating capacity(-10°C) (W)	2000	3600
Back up heating capacity(-10°C) (W)	200	300
Pdesignh Warmer (W)	2500	5100
SCOP Warmer declared (W/W)	5.1	5.1
Energy Class(Warmer)	A+++	A+++
Declare heating capacity(2°C) (W)	2500	5100
Back up heating capacity(2°C) (W)	0	0
Cooling Annual energy consumption(kwh/a)	196	275
Average Heating Annual energy consumption(kwh/a)	770	1365
Warmer Heating Annual energy consumption(kwh/a)	687	1400
Moisture removal (Liters/h)	1.2	1.8
Indoor sound power(S/H/M/L/Mute) (dB(A))	53/50/44/36/32	56/53/47/41/37
Outdoor sound power dB(A)	62	65
Indoor sound pressure(S/H/M/L/Mute) (dB(A))	43/40/35/27/22	47/43/37/31/27
Fresh air only sound pressure(dB(A))	/	/
Outdoor sound pressure (dB(A))	54	55
Electrical Data		
Power supply	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Power supply side	Outdoor	Outdoor
Voltage Range(V)	165~265	165~265
Cooling Operating Current (A)	5.8(1.5~9.0)	6.9(1.5~12.0)
Heating Operating Current (A)	4.4(1.5~10.0)	6.2(1.6~13.0)

Cooling Power consumption (W)	1130(290~1500)	1567(330~2350)
Heating Power consumption (W)	1005(290~1720)	1376(340~2550)
Refrigerating System		
Refrigerant type/Charge/GWP/CO2 equivalent	R32/0.52/675/0.351tonnes	R32/0.96/675/0.648tonnes
Compressor	Rotary	Rotary
Fan System		
Indoor air circulation Cooling/heating (m3/h)	550/570	800/800
Indoor fan type	Cross Flow, DC	Cross Flow, DC
Outdoor fan type	Propeller fan, DC	Propeller fan, DC
Outdoor air circulation (m3/h)	1700	2600
Connections		
Connecting Wiring(Core x Size)	4×0.75mm ²	4×0.75mm ²
Power Cord Wiring(Core x Size)	3×1.5mm ²	3×1.5mm ²
Expansion device	Capillary	Capillary
Gas Connecting Pipe (inches)	3/8"	3/8"
Liquid Connecting Pipe (inches)	1/4"	1/4"
Others		
Application area (m ²)	14~22	20~35
Standard piping length (m)	5	5
Extra charging (g/m)	15	25
Max. refrigerant pipe length (m)	25	25
Max. difference in level (m)	10	10
Operation temperature range (°C)	16-31	16-31
Indoor Ambient temperature range (°C)	Cooling:17~32/Heating:0~30	Cooling:17~32/Heating:0~30
Outdoor Ambient temperature range (°C)	Cooling:-15~53/Heating:-20~30	Cooling:-15~53/Heating:-20~30
Indoor Net dimensions (W x H x D) (mm)	777×250×201	910×294×206
Outdoor Net dimensions (W x H x D) (mm)	712×459×276	853×602×349
Indoor Net weight (kg)	7	9.5
Outdoor Net weight (kg)	20	30
Indoor Packing dimensions (W x H x D) (mm)	850×320×275	979×372×277
Outdoor Packing dimensions (W x H x D) (mm) -no pipe	765×481×310	890×628×385
Indoor Gross weight (kg)	9	11.5
Outdoor Gross weight (kg)	22	32.5
Loading Capacity (40'HQ) (no pipes)	365	213
Indoor Stacking Limit (unit)	8	7
Outdoor Stacking Limit (unit)	6	3
Compressor model	KSN89D28UDZW31	C-4RZ120H3AAF
Compressor oil	ESTER OIL VG74	ALF68SZ
Compressor oil charge amount	280ml	350ml