

K2 High Performance Walk-In Chillers

USES: / CLINICAL APPLICATIONS / VACCINES & MEDICATIONS / BIOLOGICS / DIAGNOSTICS KITS / MOLECULAR BIOLOGY / INDUSTRIAL TESTING



Straddle
Refrigeration
System



Top Mounted
Refrigeration
System

- Intelligent microprocessor controller with digital display adjustable by 0.1 degrees
- Temperature control preset +4°C
- Hygienic and easy to clean
- Visual and audible hi or low temperature, sensor failure alarms
- Fast and easy assembly with interlocking panels
- Built and shipped from ISO 9001:2015 manufacturing and distribution facilities
- 100 mm thick panels
- Steel coated, anti-sliding floor
- Keyed door locks
- Warranty: Five-year parts, labor, or full replacement plus additional two years on structure

MODEL NUMBER	CAPACITY CU. FT.	Exterior Depth x Width x Height	Door Width x Height	TEMP RANGE (SETPOINT)	DOORS	DEFROST	REFRIGERATION SYSTEM
K2WALK6RS	198.82	5.9 FT x 5.9 FT x 7.87 FT	2.33 FT x 6.23 FT	2°C to 8°C (+4°C)	1	HOT GAS	Straddle
K2WALK6RT	198.82	5.9 FT x 5.9 FT x 7.87 FT	2.33 FT x 6.23 FT	2°C to 8°C (+4°C)	1	HOT GAS	Top Mounted
K2WALK8RS	543.85	8.9 FT x 8.9 FT x 7.87 FT	2.33 FT x 6.23 FT	2°C to 8°C (+4°C)	1	HOT GAS	Straddle
K2WALK8RT	543.85	8.9 FT x 8.9 FT x 7.87 FT	2.33 FT x 6.23 FT	2°C to 8°C (+4°C)	1	HOT GAS	Top Mounted
K2WALK10RS	670.98	9.8 FT x 9.8 FT x 7.87 Ft	2.33 FT x 6.23 FT	2°C to 8°C (+4°C)	1	HOT GAS	Straddle
K2WALK10RT	670.98	9.8 FT x 9.8 FT x 7.87 Ft	2.33 FT x 6.23 FT	2°C to 8°C (+4°C)	1	HOT GAS	Top Mounted

Straddle Refrigeration Systems

Model #	K2WALK6RS	K2WALK8RS	K2WALK10RS
Storage Volume	198.82 cubic feet	543.85 cubic feet	670.98 cubic feet
Specifications			
Exterior (D x W x H)	5.9 ft x 5.9 ft x 7.87 ft	8.9 ft x 8.9 ft x 7.87 ft	9.8 ft x 9.8 ft x 7.87 ft
Door (W x H)	2.33 ft x 6.23 ft	2.33 ft x 6.23 ft	2.33 ft x 6.23 ft
Insulation	CFC-free, high density insulation	CFC-free, high density insulation	CFC-free, high density insulation
Doors	1	1	1
Adjustable Set Point Range	2°C to 8°C	2°C to 8°C	2°C to 8°C
Factory Set Point	+4°C	+4°C	+4°C
Refrigeration System	Straddle	Straddle	Straddle
Warranty	Five-year parts, labor or full replacement plus additional two years on structure	Five-year parts, labor or full replacement plus additional two years on structure	Five-year parts, labor or full replacement plus additional two years on structure
Performance			
Application Field	+5 ÷ -2	+5 ÷ -2	+5 ÷ -2
Power Supply	230/1 + N/50	230/1 + N/50	230/1 + N/50
Maximum Absorbed Current	6.6	7.7	12.1
Maximum Absorbed Power	1.2	1.6	2.5
Refrigerant Type	R452A	R452A	R452A
Capacity	1032	1800	2716
Power Rating	0.5	1.0	1.5
Compressor Type	Hermetic	Hermetic	Hermetic
Condenser Fin Spacing	2.5	2.5	2.5
Condenser Fans	1 X ø254	1 X ø300	2 X ø254
Condenser Nominal Power Consumption	73	110	146
Condenser Air Volume	750	1000	1500
Evaporator Fin Spacing	4.2	4.2	4.2
Defrost	Hot Gas	Hot Gas	Hot Gas
Expansion	Capillary	Expansion Valve	Expansion Valve
Evaporator Fans	1 X ø254	1 X ø300	2 X ø254
Evaporator Nominal Power Consumption	73	110	146
Evaporator Air Volume	700	1000	1400
Air Throw	3	6	6
Packaging (D x W x H)	1.71 ft x 3.35 ft x 3.03 ft	2.41 ft x 3.40 ft x 3.41 ft	2.89 ft x 3.18 ft x 3.41 ft
Gross Weight	67	115	134
Net Weight	45	85	101
Volume	0.48	0.80	0.90
Code	045008401	045008404	045008471

Top Mounted Refrigeration Systems

Model #	K2WALK6RT	K2WALK8RT	K2WALK10RT
Storage Volume	198.82 cubic feet	543.85 cubic feet	670.98 cubic feet
Specifications			
Exterior (D x W x H)	5.9 ft x 5.9 ft x 7.87 ft	8.9 ft x 8.9 ft x 7.87 ft	9.8 ft x 9.8 ft x 7.87 ft
Door (W x H)	2.33 ft x 6.23 ft	2.33 ft x 6.23 ft	2.33 ft x 6.23 ft
Insulation	CFC-free, high density insulation	CFC-free, high density insulation	CFC-free, high density insulation
Doors	1	1	1
Adjustable Set Point Range	2°C to 8°C	2°C to 8°C	2°C to 8°C
Factory Set Point	+4°C	+4°C	+4°C
Refrigeration System	Top Mounted	Top Mounted	Top Mounted
Warranty	Five-year parts, labor or full replacement plus additional two years on structure	Five-year parts, labor or full replacement plus additional two years on structure	Five-year parts, labor or full replacement plus additional two years on structure
Performance			
Application Field	+5 ÷ -2	+5 ÷ -2	+5 ÷ -2
Power Supply	230/1 + N/50	230/1 + N/50	230/1 + N/50
Maximum Absorbed Current	8.1	4.3	12.6
Maximum Absorbed Power	1.4	1.7	2.6
Refrigerant Type	R452A	R452A	R452A
Capacity	1204	1868	2716
Power Rating	0.75	1.0	1.5
Compressor Type	Hermetic	Hermetic	Hermetic
Condenser Fin Spacing	2.5	2.5	2.5
Condenser Fans	1 X ø254	2 X ø254	2 X ø254
Condenser Nominal Power Consumption	73	146	146
Condenser Air Volume	750	1500	1500
Evaporator Fin Spacing	4.2	4.2	4.2
Defrost	Hot Gas	Hot Gas	Hot Gas
Expansion	Capillary	Expansion Valve	Expansion Valve
Evaporator Fans	1 X ø254	2 X ø254	2 X ø254
Evaporator Nominal Power Consumption	73	146	146
Evaporator Air Volume	700	1400	1400
Air Throw	3	6	6
Packaging (D x W x H)	1.97 ft x 3.61 ft x 2.46 ft	3.22 ft x 4.33 ft x 2.43 ft	3.22 ft x 4.33 ft x 2.43 ft
Gross Weight	97	145	158
Net Weight	67	99	112
Volume	0.40	0.78	0.78
Code	045008752	045008766	045008755