



Flexx-R32 Heat Pump Central System  
**OTP-F-R32 Series**

# Models - Outdoor Unit

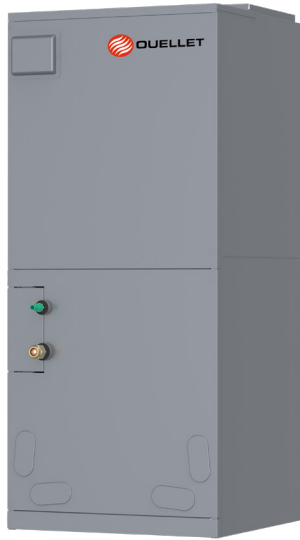


- Variable speed rotary compressor (INVERTER), with overload protection.
- Compressor blanket and preheating technology.
- Condenser fins covered with a hydrophilic coating for improved corrosion resistance.
- Large diameter quiet axial-flow fan for more efficient heat exchange.
- Works with two types of indoor units.
- Eligible for federal and provincial rebates.

Product #		OFLX1-H36A-O		OFLX1-H60A-O		
Technical Performance						
Refrigerant type		R32		R32		
Cooling capacity	Nominal	BTU/hr	24000	34000	48000	54000
	Min. – max.	W (BTU/hr)	3.5 – 8.8 (12000 - 30000)	3.2 - 10.8 (18000 - 37000)	9.96 - 14.65 (34000 - 50000)	10.26 – 16.12 (35000 - 55000)
Heating capacity	Nominal	BTU/hr	24000	34000	48000	54000
	Min. – max.	W (BTU/hr)	3.5 – 8.8 (12000 - 30000)	5.2 – 11.1 (18000 - 38000)	9.86 – 15.24 (34000 - 52000)	10.26 - 17.58 (35000 - 60000)
Power supply		V / Ph / Hz	230/208 / 1 / 60	230/208 / 1 / 60	230/208 / 1 / 60	230/208 / 1 / 60
SEER2		-	16	16.5	17	16
HSPF2		-	9.5	9.5	9.5	9
EER		-	11.7	11.4	11.5	11
COP		-	3.5	3.3	3.3	3.3
MCA		A	21	21	39.9	40
Max. over-current protection (MOCP)		A	25	25	45	45
AHRI number		-	216626170	216440572	216626171	216440574
ENERGY STAR		-	✓	✓	✓	✓
Refrigerant volume (R32)		lb	5.5	6.38	10.12	10.12
Connection pipes	Liquid	in.	3/8	3/8	3/8	3/8
	Gas	in.	3/4	3/4	3/4	3/4
Net weight		lb (kg)	187 (85)	187 (85)	241 (109.5)	241 (109.5)
Sound level		dB (A)	60	60	62	63
Compressor power input		W	14	19.7	30.1	30.1
Compressor LRA		A	1.5	1.5	1.5 x 2	1.5 x 2
Fan motor power output		A	1.5	1.5	1.5 x 2	1.5 x 2
- Cooling nominal power input		A	14.6	22	30	31
- Heating nominal power input		A	19.2	25.6	32	32
Operating ambient temperature in cooling		°C (°F)	-15 to 54 (5 to 129)			
Operating ambient temperature in heating		°C (°F)	-30 to 24 (-22 to 75)			
Maximum pipe length between outdoor and indoor units		ft. (m)	99 (30)	99 (30)	99 (30)	99 (30)
Maximum height between outdoor and indoor units		ft. (m)	49 (15)	49 (15)	49 (15)	49 (15)



## Models - Indoor Unit (Air Handler)



- Compact and space-saving design.
- Compatible with most standard 24V thermostats.
- Includes self-diagnosis function.
- A2L leak detection sensor, included.

Performance up to



Cooling



Heating

Up to



Product #			OAHX1-H24A-I		OAHX1-H36A-I		OAHX1-H48A-I		OAHX1-H60A-I	
Electrical data	Power supply		V / Ph / Hz	230/208 / 1 / 60	230/208 / 1 / 60	230/208 / 1 / 60	230/208 / 1 / 60	230/208 / 1 / 60	230/208 / 1 / 60	230/208 / 1 / 60
	Supply	Cooling	W	1	1.6	2.1	2.8			
	Input current	Cooling	A	1	1.5	1.9	2.5			
	Max. over-current protection (MOCP)		A	15	15	15	15			
	Voltage min./max.		V	187 / 253	187 / 253	187 / 253	187 / 253			
Sound level			dB (A)	50	51	52	53			
Refrigerant	Type		-	R32						
	Control		-	Thermal expansion valve						
ENERGY STAR			-	✓	✓	✓	✓			
Air flow			cfm	760	1000	1200	2550			
			m³/hr	1291	1700	2040	2550			
HPS (High Static Pressure)	Range		Pa	0 to 250	0 to 250	0 to 250	0 to 250			
			inH2O	0 to 1	0 to 1	0 to 1	0 to 1			
Fan motor	Model		-	B-SWZ150E	B-SWZ150E	B-SWZ120E	B-SWZ120E			
	Transmission type		-	Direct transmission						
	Speed		RPM	800	800	800	800			
	Electric power		W	124	124	2 x 124	2 x 124			
	Full load current (FLA)		A	3	3	2 x 1.1	2 x 1.1			
Evaporator	Material		-	Copper tube with inner groove – Aluminum fins						
	Surface area		sq. ft. (m²)	9.94 (0.92)	9.94 (0.92)	11.41 (1.06)	11.41 (1.06)			
	Pipe diameter		in.	3/8	3/8	3/8	3/8			
	Fins type		-	Hydrophilic						
	Dimension (L x H x I)		in.	30 3/32x36 13/32x1 1/2	30 3/32x36 13/32x1 1/2	39 1/2x36 13/32x2 19/64	39 1/2x36 13/32x2 19/64			
System operation control			-	Wired controller						
Weight	Net		lb (kg)	134.5 (61.5)	163 (74)	200.5 (91)	200.5 (91)			
	Gross		lb (kg)	143 (65.5)	178.5 (81)	218 (99)	218 (99)			



## Why choose a central heat pump system?

Central heat pump systems are energy efficient. A system like the Flexx series allows efficient operation down to a temperature of  $-30^{\circ}\text{C}$ . The central heat pump offers the considerable advantage that a single device is sufficient to heat or cool the home in which the system is installed.

## INNOVAIR SOLUTIONS

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**Flexx-R32**  
**OTP-F-R32 Series**

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of professionals

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