

# ESCO

WORLD CLASS. WORLDWIDE.



## Escro HP Series **HIGH PERFORMANCE** **Laboratory Refrigerators and Freezers**

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***HIGH PERFORMANCE PROTECTION FOR YOUR PRECIOUS SAMPLES***

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**Superior Design and Construction** - exterior with anti-bacterial coating, stainless steel interior, Forced-air design for rapid cool-down and fast recovery, triple-pane glass doors on refrigerators, standard casters or wheels on all models.

**Safety** - open door alarm, high/low temperature alarm, power failure alarm, condenser filter alarm, dry contacts to connect to remote alarms, key lock.

**Environmentally Friendly** - CFC free, eco friendly refrigerants, low energy consumption, internal LED lighting, very low noise level.

**Electronic Control** - 0.1°C resolution, intelligent automatic defrost, password protection, choice of five languages.

# GENERAL SPECIFICATIONS

FREEZER	HF2-140S	HF2-400S	HF2-700S	HF2-1500S	HF3-400S	HF3-700S
Temperature Range	-10 °C to -20 °C		-10 °C to -25 °C		-20 °C to -40 °C	
Temperature Uniformity Range	±3°C					
Internal Capacity	128 lt (4.53 cu ft)	347 lt (12.26 cu ft)	620 lt (21.91 cu ft)	1355 lt (47.87 cu ft)	360 lt (12.72 cu ft)	544 lt (19.22 cu ft)
Door	One Solid Door			Two Solid Doors	One Solid Door	
Alarms	Open door, high/low temperature, power failure, clogged condenser, external dry alarm contacts standard					
Controller	Backlight alphanumeric electronic display with 0.1C resolution, password protection, 5 languages					
Defrost	Intelligent automatic defrost optimizes thermal performance while managing the thermal variation for true high performance protection of samples					
Warranty	2 years					
Certifications	CE mark. Manufactured in an ISO 9001:2008, ISO 13485:2004 facility					
Door lock	Key lock standard					
Lighting	Long life, low temperature LED lighting					
Interior walls	Stainless Steel					
Castors	Small Castors	Standard Castors	Wheels		Standard Castors	Wheels
External Dimensions (W x D x H) cm	52 x 63.5 x 83.5	60 x 63 x 195.5	72 x 80 x 205	144 x 82 x 205	67 x 82.5 x 194	72 x 86 x 205
Standard Shelves	2 shelves, optional drawers	4 shelves, optional drawers	4 shelves, optional drawers	8 shelves, optional drawers	4 shelves, optional drawers	4 shelves, optional drawers
Power Consumption (kW/24H)	5.2	8.6	12.1	14.3	13.8	14.2
Noise level (<dBa)	43	49	52	55	50	55

REFRIGERATOR	HR1-140	HR1-400	HR1-700	HR1-1500	COMBINATION REFRIGERATOR AND FREEZER	HC6-400S	HC6-700S	
Temperature Range	2 °C to 15 °C				Temperature Range	2 °C to 15 °C		
Temperature Uniformity Range	±3°C					Refrigerator Compartment	-10 °C to -24 °C	
Internal Capacity	128 lt (4.53 cu ft)	347 lt (12.26 cu ft)	620 lt (21.91 cu ft)	1355 lt (47.87 cu ft)	Freezer Compartment	±3°C		
External Dimensions (W x D x H) cm	52 x 63.5 x 83.5	60 x 65.5 x 195.5	72 x 82.5 x 205	144 x 82 x 205	Temperature Uniformity Range	±3°C		
Door	1 triple-pane glass door			Two triple-pane glass doors	Internal Capacity	Refrigerator Compartment	170L	260L
Interior walls	Stainless Steel				Freezer Compartment	160L	265L	
Alarm	Open door, high/low temperature, power failure, clogged condenser, external dry alarm contacts standard				External Dimensions (W x D x H) cm	60 x 63 x 201.5	72 x 86 x 205	
Controller	Backlight alphanumeric electronic display with 0.1C resolution, password protection, 5 languages				Door	Two solid doors		
Defrost	Intelligent automatic defrost optimizes thermal performance while managing the thermal variation for true high performance protection of samples				Interior walls	Stainless Steel		
Warranty	2 years				Alarm	Open door, high/low temperature, power failure, clogged condenser, external dry alarm contacts standard		
Certifications	CE mark. Manufactured in an ISO 9001:2008, ISO 13485:2004 facility				Controller	Backlight alphanumeric electronic display with 0.1C resolution, password protection, 5 languages		
Lighting	Long life, low temperature LED lighting				Defrost	Intelligent Automatic Defrost		
Castors/Wheels	Small Castors	Standard Castors	Wheels		Warranty	2 years		
Power Consumption (kW/24H)	2.2		2.9	4.9	Certifications	CE mark. Manufactured in an ISO 9001:2008, ISO 13485:2004 facility		
Standard Shelves	2 shelves, optional drawers	4 shelves, optional drawers		8 shelves, optional drawers	Lighting	Long life, low temperature LED lighting		
Noise level (<dBa)	39.5	46	51	54	Castors/Wheels	Standard Castors	Wheels	
					Power Consumption (kW/24H)	7.8	13.8	
					Standard Shelves	4 shelves, optional drawers		
					Noise level (<dBa)	53	55	



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