



NordELEMENT Refrigeration Racks // 2020

Available versions

// Product code description

NordELEMENT-ARPCTB-ML-3x4FTC-20K+3x4ESL-4K

Frame type	A – Assembled from the bended steel sheets W – Welded from steel profile and bended steel sheets
Condenser type	R – Remote A – Aircooled (Outdoor version) W – Watercooled
Compressor type	S – Scroll P – Reciprocating semihermetic K – Piston hermetic V – Screw semihermetic W – Screw compact D – Digital scroll 2 – 2-stage reciprocating semihermetic
Refrigerant	HF – HFC (Hydrofluorocarbons) / HFO (Hydrofluoroolefins) CS – CO2 (R744) subcritical CT – CO2 (R744) transcritical CH – Cascade HFC / CO2 (R744) NH – NH3 ammonia (R717) CN – Cascade NH3 (R717) / CO2 (R744) HC – hydrocarbons: Propane (R290), etc.
Compressor manufacturer	B – Bitzer F – Frascold D – Dorin G – Gea / Bock C – Copeland / DWG M – Danfoss / Maneurop
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Application	HT – High evaporation temperature MT – Medium evaporation temperature LT – Low evaporation temperature ML – Medium + Low evaporation temperature
-	-
Qty x Compressor name	Qty and name of each compressor used

Standard Configurations

// HFC / HFO

ARSHF.. Remote condenser Scroll hermetic compressors	MT	LT
Compressor Qty	1-4	1-4
Cooling capacity, kW*	2-200	1-60

AASHF.. Aircooled condenser Scroll hermetic compressors	MT	LT
Compressor Qty	1-4	1-4
Cooling capacity, kW*	2-200	2-60

ARVHF.. Remote condenser Screw semihermetic compressors	MT	LT
Compressor Qty	1-4	1-4
Cooling capacity, kW*	50-1270	15-410

ARPHF.. Remote condenser Reciprocating semihermetic compressors	MT	LT
Compressor Qty	1-6	1-5
Cooling capacity, kW*	2-490	1-210

AAPHF.. Aircooled condenser Reciprocating semihermetic compressors	MT	LT
Compressor Qty	1-6	1-5
Cooling capacity, kW*	16-480	6-210

AAVHF.. Aircooled condenser Screw semihermetic compressors	MT	LT
Compressor Qty	1-4	1-4
Cooling capacity, kW*	50-1270	15-410

* - cooling capacity for R404a. May differ for other HFC refrigerants (R448A, R449A, R450A, R452A, R455A, R407A, R407F, R134A, R407C, R410A, R507A и др.) и HFO (R1234yf, R1234ze и др.).

// CO2 & cascades CO2 / NH3

ARPCT..-ML Remote condenser Transcritical (Booster) CO2 (R744)	MT	LT
Compressor Qty	1-6	1-4
Cooling capacity, kW	2-380	1-124

AAPCT..-ML, M, L Aircooled condenser Transcritical CO2 (R744)	MT	LT
Compressor Qty	1-6	1-3
Cooling capacity, kW	2-425	2-124

ARV(P)NH.. Remote condenser NH3 (R717) Ammonia units	MT	LT
Cooling capacity, kW	10-2000	5-600

ARPCS.. Remote condenser Subcritical CO2 (R744)	MT	LT
Compressor Qty	1-6	1-5
Cooling capacity, kW	2-490	1-210

ARPCH..-ML Remote condenser Cascade R134a (MT) - CO2 (LT)	MT	LT
Compressor Qty	2-6	1-4
Cooling capacity, kW	24-280	2-170

ARP(V)CN.. Remote condenser Cascade NH3 (MT) - CO2 (LT)	MT	LT
Cooling capacity, kW	10-2000	5-210



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