

Mitsubishi Heavy Industries Splits in the Nordic Market — SRK/SRC Kazan, SCM Multi and Ducted FD Families

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Orientation in the stocked MHI equipment: Kazan and Kazan Arctic wall-mounted heat-pump sets (SRK indoor / SRC outdoor), SCM multi-split outdoor units, the ducted and cassette FD families (FDU/FDUM/FDT/FDTC/FDE/FDF), R32 practice and the panels and filter kits that complete an installation.

Wall-mounted heat pumps: SRK + SRC (Kazan)

The Nordic-market Kazan series pairs an SRK wall-mounted indoor with its SRC outdoor unit, tuned for heating performance in cold climates; Kazan Arctic is the low-ambient line. Stocked examples: SRK20ZTX-WA (Arctic 7600 indoor), SRK35ZTX-WA (Arctic 8000 indoor), outdoor SRC20ZSX-W (Kazan 5.5) and SRC35ZSX-WA (Kazan 6.8). Indoor and outdoor are a matched pair — order both halves of the same set; capacity names (5.5/6.8/7600/8000) are the series' market designations, with engineering data in the MHI tables per pair.

Multi-split: SCM outdoor

One SCM outdoor drives two to several indoors of mixed type: SCM40ZS-W (class 6.3), SCM50ZS-W (7.5), SCM80ZS-W (9.8), all R32. Combination rules (which indoor sizes, total index, line lengths per branch) come from MHI's combination table for the exact SCM model — hold the installation to it; multi-splits forgive neither overconnection nor undersized branch piping.

The FD commercial families

Family | Form | Stocked examples |

FDC | Commercial outdoor (PAC) | FDC100VSX-W, FDC125VSX-W, FDC140VSX-W |

FDU / FDUM | High-static (200 Pa) / medium-static (100 Pa) duct | FDUM60VH (6.3 kW) |

FDT / FDTC | 4-way cassette / compact cassette | panels below |

FDE / FDF / SRR | Ceiling-suspended / floor / slim duct | SRR35ZS-W Kakusu duct, SRR50ZS-W |

Cassettes ship without their face: order the decoration panel for the family — TC-PSA-5AW-E for FDTC (VG/VH), TPSA5AWE for FDT, Airflex frame — and consumables like duct-unit filter kits (UM-FL1EF for FDUM 50 VF).

R32 installation practice

Charge limits per room volume (EN 378 / product standard) govern indoor-unit placement — check before quoting, not after mounting.

Line sets: sizes and max lengths per the model's table; pre-insulated pairs and ducting from the line-set guide; nitrogen purge when brazing (A2L: recover + purge before any flame).

Vacuum and charge: deep vacuum verified by decay, charge corrections by line length per manual, weighed in.

Cold-climate mounting: outdoor units lifted above snow line on brackets/feet (Fix-It 1000 mm with rail), condensate management so defrost water doesn't glaze the wall.

Commissioning log: test-run data, pressures/temperatures, and the pair's serials into the handover file — MHI warranty follows the documented pair.

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