

Product Specification

Opteon™ XP44 (R452A)

ASHRAE Number: R452A

Composition:

Component name		CAS Number	Composition (%w/w)
Tetrafluoroprop-1-ene	(HFO1234yf)	754-12-1	30
Difluoromethane	(R32)	75-10-5	11
Pentafluoroethane	(R125)	354-33-6	59

Guaranteed Specifications

Purity	Minimum	99.5	%w/w
Water content	Maximum	10.0	ppm w/w
Non-Condensable Gas (vapour phase)	Maximum	1.5	% v/v
High boiling residue	Maximum	0.01	% w/w
Acidity (as HCl)	Maximum	1.0	ppm w/w
Chloride	No visible turbidity to pass		
Particulates/Solids	Visually clean to pass		

Issue No.2

Reviewed June 2020

Harp International Limited
 Gellihirion Industrial Estate, Pontypridd, Rhondda Cynon Taff, CF37 5SX
 United Kingdom

 Telephone: +44 (0) 1443 842255
 E-mail: harp@harpintl.com

 Fax: +44 (0) 1443 841805
 Web: <http://www.harpintl.com>